SSA SMART SECURITY ADMINISTRATOR™

User Guide

Release 1.3

UNICOM

SYSTEMS, INC.

GP-65_SSA

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This manual applies to Smart Security Administrator Release 1.3 and to all subsequent releases of the product until otherwise indicated by new editions or updates to this publication.

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Contents

##

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Appendix B SSA ISPF Tables 593

Preface

This manual describes Smart Security Administrator (SSA), which is part of the Smart Security family of RACF management tools offered by UNICOM Systems, Inc.. SSA gives administrators a complete package of tools to manage security at their site.

Audience

This manual is intended for security and system administrators. Readers are expected to understand RACF and MVS concepts. Also, this manual describes SSA procedures that require site-specific changes to JCL batch jobs. Readers should be proficient editing JCL and familiar with their site’s system standards

How This Manual is Organized

- Chapter 1: Introduction

  Gives an overview of SSA functions.

- Chapter 2: Installation

  Describes procedures to install SSA.

- Chapter 3: Reports

  Explains all SSA batch and online reports including JCL samples, panels, etc.

- Chapter 4: Online Generic Searches

  Describes how to conduct SSA online generic searches. Included are search examples, search result examples, search result processing capabilities, etc.

- Chapter 5: Command Generation

  Gives complete instructions on utilizing the SSA command generation functions including JCL samples, panels, control cards, etc.

- Chapter 6: The SCHEDULER

  Explains the functionality of The SCHEDULER with which you can schedule commands or jobs to run on selected days and times helping to automate your workload.

- Section 7: TSO Direct Administration

  Describes TSO Direct Administration functions (i.e., Password Administration, Userid Administration, etc.) which do not require global or group special RACF authority and are completely live. Details include panels, messages and administration of the facilities.

- Section 8: System Resource Monitor

  Explains the System Resource Monitor facility and the Access Simulator function. Included are JCL samples, panels, control cards and the significance of each report and the information within.

- Section 9: CICS Direct Administration

  Explains the CICS based RACF direct administration module available with version 1.3. Included are panels, security rules, syntax rules, API invocation examples, messages, etc.

- Section 10: Configuration

  Describes panel configuration options in SSA, the setting up of SSA USERs and ADMINISTRATORs and configuring the AAOPTION Configuration module.

- Appendix A: Report Samples

  Presents examples of each SSA report.

- Appendix B: SSA ISPF Tables

  Includes detailed layouts of the SSA ISPF tables and full details on the tie-in to the SSA adhoc report writing capability.

- Appendix C: Miscellaneous Features

  Describes miscellaneous features that are not specific to any specific SSA function.

- Appendix D: Migrating to Release 1.3

  Describes an installation procedure to upgrade SSA to Release 1.3 from an earlier release.

Syntax Conventions

A syntax diagram is part of the description of each SSA command included in this manual. A diagram shows the possible parameters, values, and variables associated with a command.

Syntax diagrams adhere to common conventions. The physical appearance of a diagram's elements indicates whether a command parameter, variable, or other values are required, optional, or included by default.

- An underlined parameter is the default assigned to the command.
- Command names are presented in MIXed case. The uppercase portion of a command name is the requisite abbreviated form. Lowercase letters represent the optional remainder of the command name that need not be specified to execute the command.
- An *italicized lowercase* parameter represents a value assigned by the user.
- A vertical bar (|) separates two or more mutually exclusive parameter values. Only one value can be specified for each parameter.
- Parameters enclosed within brackets [ ] are optional. Only one value can be specified to a parameter.
- Parameters values enclosed within braces { } are required. If unspecified, the parameter default is assigned to the command.
- `Monospaced` type represents text displayed from an online SSA report or examples of JCL. code. Also, SSA commands are shown as `monospace` examples.

Customer Service

UNICOM Systems, Inc. customer service can be reached by the following methods:

Phone	818-838-0606
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Normal business hours are from 7:00 a.m. to 4:00 p.m. Pacific Standard Time, Monday through Friday. Emergency customer service is available 24 hours a day, 7 days a week.

An answering service receives customer service calls beyond normal business hours. You may leave a message if it is not an urgent problem. A customer service representative will return your call at the start of the next business day.

Requests for urgent support outside of normal business hours are answered immediately. A customer service representative will be summoned to return your call. Leave a phone number where you can be reached. If you have not received a return call from a customer service representative within an hour of reporting the problem, please call back. Our representative may be experiencing difficulties returning your call.

International customers should contact their local distributor to report any problems with a UNICOM product.

Chapter 1 Introduction

Security Server Administrator is based on three principles:

Power: Information is vital but well managed and organized information is power. With SSA's arsenal of features you have the power to tame your security environment. Super Generic Searches, extremely fast and flexible command generation, full function security, schedule jobs or commands automatically, decentralize password and connect administration - These are just some of the powerful features that will give administrators and auditors the tools and means to administrate and audit more effectively.

Ease of Use: Built upon the reputation of Admin-Aide as the easiest RACF administrative package available, SSA goes one step further. SSA version 1.3 is an extremely effective merging of Ease-of-Use and Power. A smarter and more sophisticated product means administrators and auditors alike can easily become acclimated and productive at new levels. SSA will assist the security administrator, security coordinator or auditor to effectively maintain and audit RACF information with concise reporting, command generation and ease of use. SSA is engineered to save the administrator at least 30% of their time by eliminating or expediting those tasks that can be arduous or lengthily in time. With SSA, you are freed up to pursue those items that you may have put aside because of time restraints. SSA will make you a better administrator, coordinator or auditor.

The Future: SSA Release 1.3 is Year 2000 compliant and has been tested on all available versions of z/OS and Security Server.

New Features

This section describes new features introduced with SSA Release 1.3.

CICS Direct Administration

The following new features have been made to SSA-CDA including full API support for all:

- Add a Dataset Profile
- Change a Dataset Profile
- Delete a Dataset Profile
- Add a Dataset Profile Permission
- Change a Dataset Profile Permission
- Delete a Dataset Profile Permission
- Add a General Resource Profile
- Change a General Resource Profile
- Delete a General Resource Profile
- Add a General Resource Profile Permission
- Change a General Resource Profile Permission
- Delete a General Resource Profile Permission
- Add a General Resource Profile Member
- Delete a General Resource Profile Member
- Add a Userid CICS Segment
- Change a Userid CICS Segment
- Delete a Userid CICS Segment
- Add a Userid TSO Segment
- Change a Userid TSO Segment
- Delete a Userid TSO Segment
- Access Simulator

The following improvements have been made:

Userid Administration list function includes more information, primarily pertinent dates.

TSO Direct Administration

Up to version 1.2, SSA only included 2 TSO Direct Administration options Password and Connect Administration. With the advent of version 1.3, SSA now includes 9 other functions. The functions are identical to those supplied with SSA-CDA and use the same screens, security rules, etc. Users licensed for Connect Administration in prior releases of SSA, automatically gain access to the other 9 new functions. Password Administration is still a separately licensed module. Now administrators can safely decentralize user, group, dataset and general resource administration without giving global or group SPECIAL.

Online Generic Search

Online Generic Search is perhaps one of the most used features in SSA. The versatility of this module has just been improved tenfold. Online Generic Searches have been improved in three specific areas:

Extended Search

Up to version 1.2, SSA’s Online Generic Searches has used standard ISPF searching capabilities. Although extensive and powerful in their own right, the standard search capabilities didn't always provide the flexibility required by many users. Now with extended search capabilities, a user can search by individual characters in strings or even search for a string within a string. For example, you can search for users with the letter X in position 5 or you can search for the string 'BOB' throughout the name field. Extended search is available in batch and online mode.

Batch or Online Mode

All Online Generic Searches can now be run in batch as well as online mode. Batch mode includes all the power of online mode including extended and standard searching, sorting, report layout formatting, etc. Now you can use the power of generic searching and produce those reports in batch or online mode.

Adhoc Reporting

Although SSA produces a myriad amount of reports, it will never be able to produce exactly the report everyone desires. However, SSA version 1.3 introduces a capability that will get the user one step closer to producing reports customized to meet the exacting demands of RACF administrators. With SSA's Adhoc Reporting, a user can use the search capabilities of SSA's generic searches and, if they choose, design the exact report layout they desire. The user constructs a report mask that tells SSA exactly how the report should look and the exact location of the information. SSA reads in the mask and search criteria and produces your report for you. Adhoc Reporting also allows for Adhoc Command generation in batch as well!

Other improvements to Online Generic Searches

- Installation Data has been added to the search capability of users, groups, datasets and general resources.
- Application Data has been added to the search capability of general resources.
- Userid's Name has been added to all user related searches.
- If an access entry is a userid, you can now search by name for those entries.
- Sort panels have been enlarged so a user can view all sort options on one screen.
- Installation Data has been added to all relevant long displays.

Chapter 2 SSA Installation

This chapter describes how to install SSA. The installation procedure is organized as an ordered sequence of steps. Each step includes a short procedure to complete a specific installation task. The steps must be completed in order. Also, each step must complete successfully before proceeding to the next installation step.

SSA Installation Requirements

The following list shows recommended releases of software that must be operational on the system that SSA will be installed.

TSO	Version 2.5 or greater
ISPF	Version 3.5 or greater
RACF	Version 2.1 or greater
MVS	Version 4.3 or greater (for System Monitor Reports)
MVS TCP/IP	Version 3.1 or greater (for CICS Direct Administration)
CICS	Version 3.3 or greater (for CICS Direct Administration)

If you have concerns because your site does not meet these software requirements, contact UNICOM Systems, Inc. Customer Service. It is possible that your current software will allow SSA to perform all of its functions.

Throughout the documentation and JCL, datasets are prefixed with a high level qualifier SSA and the names used for members containing reports, listings or commands were created for administrative ease. Please keep in mind that you can change the aforementioned but that you must change all references to those datasets in the JCL.

Read the documentation to familiarize yourself with SSA. Because of the numerous enhancements introduced in Release 1.3, it would be advantageous for all users to take some time to review the SSA product documentation.

The SSA Installation procedure is designed to reduce time and possible errors. The installation procedure must be done in order and that you confirm each step has completed successfully before proceeding to the next step.

This installation procedure is designed for users with the authority to do the following:

- allocate datasets
- update system libraries
- update CICS JCL
- update CICS definitions
- issue RACF commands.

If you do not have the authority to complete all of the listed tasks, it may be necessary to coordinate the installation with other personnel at your site who have the appropriate authority.

The following steps must be completed to install SSA Release 1.3.

If you are migrating to Release 1.3 from an earlier release of SSA, refer to “Appendix D. Migrating to Release 1.3” on page 643.

After completing these steps, you can begin using SSA Release 1.3.

Step 1: Unload the SSA Install Library

Unload File 1 from the SSA installation tape using an IEBCOPY job. Below is an example of IEBCOPY JCL to off-load the SSA installation library. You must modify this JCL to meet the requirements of your shop.

1. Create an IEBCOPY job similar to the example shown below.

```
********* PLACE YOUR JOBCARD HERE **********
//*
//*    UNLOAD THE INSTALL LIBRARY
//*
//STEP010 EXEC PGM=IEBCOPY,REGION=1M
//SYSPRINT DD SYSOUT=*
//IN01     DD DSN=SSA.INSTALL,DISP=OLD,
//            UNIT=3480,VOL=SER=MSCSSA,
//            LABEL=(1,SL)
//OUT01    DD DSN=SSA.INSTALL,DISP=(,CATLG),
//            UNIT=3380,
//            SPACE=(TRK,(5,5,25),RLSE),
//            DCB=(RECFM=FB,LRECL=80,BLKSIZE=23440)
//SYSUT3   DD UNIT=SYSDA,SPACE=(TRK,(5))
//SYSUT4   DD UNIT=SYSDA,SPACE=(TRK,(5))
//SYSIN    DD *
 COPY  OUTDD=OUT01,INDD=((IN01,R))
//*
```

2. Make the following changes to the job.
   - Replace the first line of this job with your job card.
   - Change SYSDA in UNIT=SYSDA to your work space device.
   - Change 3380 in UNIT=3380 to the install device.
   - Change 3480 in UNIT=3480 to your name for a 3480 tape cartridge.
   - Change the dataset name on the OUT01 DD as required for your shop.
3. Submit the job and verify that it copied the contents of File 1 to your destination dataset.

Step 2: Use AAUNLOAD to Off-load All SSA Libraries

The AAUNLOAD member in the SSA install library allocates and unloads all remaining SSA datasets from tape. Listed below are all datasets allocated and/or unloaded by AAUNLOAD including DCBs and allocated space specified in the job.

Proc Variable	Default Dataset Name	Record Length	Record Format	Block Size	Partitioned	Allocation
DSNDD1	SSA.RACFDATA.ISPTLIB	80	FB	23440	YES	CYL(20,10,40)
DSNDD2	SSA.ISPTLIB	80	FB	23440	YES	CYL(5,5,65)
DSNDD3	SSA.ISPSLIB	80	FB	23440	YES	CYL(3,1,55)
DSNDD4	SSA.LOADLIB	0	U	6144	YES	CYL(5,2,60)
DSNDD5	SSA.ISPMLIB	80	FB	23440	YES	TRK(5,5,15)
DSNDD6	SSA.ISPPLIB	80	FB	23440	YES	CYL(6,6,150)
DSNDD7	SSA.ISPCLIB	80	FB	23440	YES	CYL(10,10,50)
DSNDD8	SSA.SCHED.DATABASE	240	VSAM			CYL(25,25)
DSNDD9	SSA.SCHED.HISTORY	240	VSAM			CYL(25,25)

1. Edit the AAUNLOAD member of the SSA install library.
2. Make the following changes to the AAUNLOAD JCL.
   - Insert a job card on the first line of this file.
   - Change 'SYSDA' in WORK=SYSDA to the device you are going to use for work space.
   - Change '3380' in DASD=3380 to the device you are going to install on (3380 was used to calculate the dataset sizes).
   - Change '3480' in 'TAPE=3480' to your installation name for a 3480 tape cartridge.
   - Change the 'SSA' in AAPRFX=SSA to a HLQ you want to allocate the datasets. Just changing the prefix helps retain the recommend dataset naming conventions. However, you can change the dataset name symbolics specified by DSNDD1 through DSNDD9 as required for your shop.
   - Change the dataset name specified in the IDCAMS define statements in the SYSIN control cards on step07 and step09 to correspond to those you have specified in the proc substitution above with the exception of the last qualifier. Each component of the VSAM cluster should have a distinct last qualifier to identify that cluster component. The IDCAMS steps reference The SCHEDULER database and history files.
   - Change the volume specified (VOL001) in the IDCAMS define statements in the SYSIN control cards on step07 and step09 to a volume that is valid on your system and where you want The SCHEDULER VSAM clusters created.
3. Submit the job.
4. Verify that all steps received condition codes of 0.

   DO NOT continue if any step did not receive a condition code of 0. Note the problem to your SSA technical support representative for resolution.

Step 3: APF Authorize the SSA Load Library

The SSA.LOADLIB library must be APF-authorized.

1. APF-authorize the SSA LOADLIB library by one of the methods listed below:

   - Add the library to the IEAAPF00 member of SYS1.PARMLIB
   - Add the library to the PROG00 member of SYS1.PARMLIB if the dynamic APF option is active
   - If you have the proper level of MVS you can issue the SETPROG command: SETPROG APF,ADD,DSN=SSA.LOADLIB,VOL=<volume>
   - Use a third party product to APF authorize the library
   - Add the library to the LNKLST00 member of SYS1.PARMLIB if the APF authorization is turned on for linklist datasets. The dataset has to be cataloged in your master catalog for this to work.

   Note: Some of the APF authorization methods require an IPL; others grant temporary authorization that is active only until the next IPL (i.e., SETPROG command).

2. Run a RACF DSMON report to confirm the SSA LOADLIB library has been APF-authorized.

   Below is a sample of the DSMON job located in member DSMON of the SSA install library).

```
//********* PLACE JOB CARD HERE ************
//*
//*  RACF DSMON REPORT ON APF AUTHORIZED LIBRARIES
//*  - TO BE USED TO VERIFY THE APF AUTHORIZED STATUS OF THE
//*    SSA LIBRARY
//*
//STEP010  EXEC PGM=ICHDSM00
//SYSPRINT DD SYSOUT=*
//SYSUT2   DD SYSOUT=*
//SYSIN    DD *
FUNCTION SYSAPF
//*
```

Step 4: Add AUTHTSF Entries

Add the following entries to the IKJTSO00 member in SYS1.PARMLIB in the AUTHTSF segment (an example is in member AUTHTSF of the SSA install library):

AUTHTSF Example:

```
//**************************************************
//**                                              **
//**           SMART SECURITY ADMINISTRATOR       **
//**                                              **
//**               VERSION 1.3.0                  **
//**                                              **
//** (C) 1999 UNICOM SYSTEMS,INC.                 **
//**             ALL RIGHTS RESERVED              **
//**************************************************
/**                                                                **/
/** THIS IS A SAMPLE OF THE AUTHTSF ENTRIES THAT ARE REQUIRED FOR   **/
/** SSA TO OPERATE PROPERLY.  THESE DEFINITIONS NEED TO BE ADDED TO **/
/** THE IKJTSO00 MEMBER OF SYS1.PARMLIB.                            **/
/**                                                                **/
AUTHTSF NAMES(          /* PROGRAMS TO BE AUTHORIZED  */  +
                        /* WHEN CALLED THROUGH THE    */  +
                        /* TSO SERVICE FACILITY.      */  +
                        /*                            */  +
                        /*            SSA             */  +
                        /*       VERSION 1.3.0        */  +
                        /*                            */  +
   AACMD001             /* SSA=PASSWORD ADMINISTRATION*/  +
   AACMD002             /* SSA=CONNECT ADMINISTRATION */  +
   AACMD003             /* SSA=USERID ADMINISTRATION  */  +
   AACMD004             /* SSA=GROUP ADMINISTRATION   */  +
   AACMD005             /* SSA=DSN PROF ADMINISTRATION*/  +
   AACMD006             /* SSA=GENRSCE PROF ADMIN.    */  +
   AACMD007             /* SSA=DSN PERMIT ADMIN.      */  +
   AACMD008             /* SSA=USER TSO SEGMENT ADMIN.*/  +
   AACMD009             /* SSA=USER CICS SEGMENT ADMIN*/  +
   AACMD014             /* SSA=GENRSCE MEMBER ADMIN.  */  +
   AACMD015             /* SSA=GENRSCE PERMIT ADMIN.  */  +
   AACNG001             /* SSA=CONFIGURATION          */  +
   AACNG002             /* SSA=CONFIGURATION          */  +
   AACNG003             /* SSA=CONFIGURATION          */  +
   AAATHCHK             /* SSA=AUTHORITY CHECKER      */  +
   AAPSWCHK             /* SSA=PASSWORD CHECKER       */  +
   AAGRPUSR             /* SSA=GROUP/USER CHECKER     */  +
   AAREP011             /* SSA=REPORT-DSN ACCESS      */  +
   MNAPFPRC             /* SSA=MONITOR=APF            */  +
   MNGRPPRC             /* SSA=MONITOR=APF            */  +
   MNCDTPRC             /* SSA=MONITOR=CDT            */  +
   MNCD2PRC             /* SSA=MONITOR=CDT RACF 2.2   */  +
   MNLLTPRC             /* SSA=MONITOR=LINKLIST       */  +
   MNLPAPRC             /* SSA=MONITOR=LINKPACKAREA   */  +
   MNPPTPRC             /* SSA=MONITOR=PPT            */  +
   MNRACPRC             /* SSA=MONITOR=GEN RACF INFO  */  +
   MNRA9PRC             /* SSA=MONITOR=GEN RACF INFO  */  +
   MNRAUPRC             /* SSA=MONITOR=AUTH RACF CALLS*/  +
   MNRFRPRC             /* SSA=MONITOR=RACF ROUTER    */  +
   MNSMFPRC             /* SSA=MONITOR=SMF            */  +
   MNSM4PRC             /* SSA=MONITOR=SMF MVS V4     */  +
   MNSTCPRC             /* SSA=MONITOR=STARTED TASK   */  +
   MNSVCPRC)            /* SSA=MONTIOR=SVC            */
                        /*                            */
```

Please note: This change can be activated by one of two means:

- Issue the PARMLIB UPDATE command that updates the IKJTSOnn PARMLIB member which ends with the two characters you will be prompted for; usually 00. Please check with your site's support personnel who maintain SYS1.PARMLIB before issuing this command. Also, you must have UPDATE access to profile PARMLIB in the TSOAUTH class to issue the command to update the IKJTSOnn entries.

Once you entered and activated the AUTHTSF entries, issue the PARMLIST LIST command as shown below to confirm that the entries are in place:

Command Sample:

```
PARMLIB LIST(AUTHTSF)
```

Step 5: Modify Logon Procedure

You must concatenate the SSA product libraries to the TSO session of each person expected to use SSA.

1. Modify TSO logon procedures by adding the following entries

   ```
   //SYSPROC  DD  DSN=SSA.ISPCLIB,DISP=SHR
   //ISPPLIB  DD  DSN=SSA.ISPPLIB,DISP=SHR
   //ISPMLIB  DD  DSN=SSA.ISPMLIB,DISP=SHR
   //ISPSLIB  DD  DSN=SSA.ISPSLIB,DISP=SHR
   //AADSTLIB DD  DSN=SSA.ISPTLIB,DISP=SHR
   //STEPLIB  DD  DSN=SSA.LOADLIB,DISP=SHR
   //AASCHMST DD  DSN=SSA.SCHED.DATABASE,DISP=SHR
   //AASCHHST DD  DSN=SSA.SCHED.HISTORY,DISP=SHR
   ```

   The SSA.LOADLIB library must be concatenated to a TSO session by one of two means to retain its authorized status:

   - Add the library to the LNKLST00 member of SYS1.PARMLIB to linklist the dataset
   - Add the library to the users logon proc under the STEPLIB DD.

     All datasets that reside under the STEPLIB DD must be APF authorized or the authorization will 'fall off'.

2. Verify the dataset names match those created in “Step 2: Use AAUNLOAD to Off-load All SSA Libraries” on page 8.

   A sample copy of these entries is in member LOGONPRC in the SSA install library:

Step 6: Define the SCHEDULER Started Task (Optional)

This step is optional. If you are not licensed for the SCHEDULER function, proceed to "Step 7: Define RACF Classes for SSA Security" on page 15.

The SSA scheduler feature uses a started task to monitor and submit scheduled entries. This step explains how to prepare the started task.

1. **Edit the SCHEDULER started task JCL shown below.**

   A sample of the JCL is in member AASTC01 of the SSA install library.

```
//AASTC01  PROC
//*
//**************************************************
//**                                              **
//**           SMART SECURITY ADMINISTRATOR       **
//**                                              **
//**                VERSION 1.3.0                 **
//**                                              **
//** (C) 1999 UNICOM SYSTEMS,INC.                 **
//**             ALL RIGHTS RESERVED              **
//**************************************************
//*
//*  SSA SCHEDULER STARTED TASK
//*
//STEP001 EXEC PGM=AASTC01,REGION=4M
//STEPLIB   DD  DSN=SSA.LOADLIB,DISP=SHR
//AASCHLOG DD  SYSOUT=*,DCB=BLKSIZE=133
//AAHSTLOG DD  SYSOUT=*,DCB=BLKSIZE=133
//AAPRGLOG DD  SYSOUT=*,DCB=BLKSIZE=133
//AASCHMST DD  DSN=SSA.SCHED.DATABASE,DISP=SHR
//AASCHHST DD  DSN=SSA.SCHED.HISTORY,DISP=SHR
//INTRDR    DD  SYSOUT=(A,INTRDR)
//*
```

2. **Make the following changes to the JCL:**

   a. Change the load library specified on the STEPLIB DD to the SSA APF authorized load library.

   b. Change the dataset specified on the AASCHMST DD to the SSA scheduler database.

   c. Change the dataset specified on the AASCHHST DD to the SSA scheduler history database.

3. **Copy the JCL into a PROCLIB dataset that is available to your Job Entry Subsystem (JES).**

   Contact your systems programmer if you are not sure where an appropriate available PROCLIB dataset is.

4. **Define the started task to RACF by one of the following methods:**

   - Add an entry to the Started Task Table (ICHRIN03) and then add the userid to RACF.
   - Add a userid to RACF and then add a RACF profile to the STARTED class with the appropriate STDATA segment.

   Because this is a shop-specific choice no samples are provided. Contact your SSA technical support representative if you need more information about defining the started task.

Important Security Note:

The SCHEDULER started task can receive and process requests when it submits jobs or commands. The SCHEDULER uses its own authority, or the submitters utilizing SURROGAT permissions. Therefore, you must give the RACF userid the started task is running with, sufficient RACF authority to successfully submit the commands or jobs and for the commands or jobs to complete successfully. It is recommended the started task be given RACF Global Special. However, this is a security issue that must be decided on a shop by shop basis. See "Chapter 6 The SCHEDULER" on page 255 for more details.

Defining Surrogate Profiles

The SCHEDULER started task can be called to submit jobs with the authority of the requestor of the scheduled event. You must permit, via SURROGAT class profiles, the started task the ability to submit jobs on the 'behalf' of the requestor. See the *RACF (or z/OS) Security Administrator's Guide* - Allowing Surrogate Job Submission section for details on permitting a userid to submit jobs on the behalf of another userid.

Step 7: Define RACF Classes for SSA Security

SSA version 1.3 uses a Group/Member RACF class combination to store security rules, configuration values, and product passwords. Depending on your Operating System release, there are either one or four steps necessary to define the SSA RACF classes.

Define the classes to RACF. z/OS 1.5 and below, proceed with steps 1 - 4. z/OS 1.6 and above, you may skip steps 1 - 4 and proceed using the DYNCLAS jcl sample on page 16. Please note the following:

- The samples below show the required attributes of the SSA classes that will ensure that the product works properly.
- It is highly recommended that you choose a POSIT number and ID number that are unique to the two classes. There are 1024 POSIT numbers, of which 19-56 and 128-527 are available for your installation's use.
- It is important to note that there are two classes; a group class and a member class. You must use two classes with a group/member relationship.

(z/OS 1.5 and below)

1. **ICHERCDE Sample**

```
ICHERCDE  CLASS=GAA$RULE,           CLASS NAME                       X
                ID=128,             RECOMMENDED ID NUMBER            X
                POSIT=128,          RECOMMENDED POSIT NUMBER         X
                MEMBER=MAA$RULE,    MEMBER CLASS                     X
                MAXLNTH=60,         MAXIMUM LENGTH OF NAME           X
                FIRST=ALPHA,        FIRST CHARACTER OF NAME          X
                OTHER=ANY,          REST OF CHARACTERS               X
                RACLIST=ALLOWED,    RACLIST?                         X
                DFTUACC=NONE,       DEFAULT UACC IF NONE SPECIFIED   X
                OPER=NO             IGNORE OPERATIONS ATTRIBUTE
ICHERCDE  CLASS=MAA$RULE,           CLASS NAME                       X
                ID=128,             RECOMMENDED ID NUMBER            X
                POSIT=128,          RECOMMENDED POSIT NUMBER         X
                MEMBER=GAA$RULE,    GROUPING CLASS                   X
                MAXLNTH=60,         MAXIMUM LENGTH OF NAME           X
                FIRST=ALPHA,        FIRST CHARACTER OF NAME          X
                OTHER=ANY,          REST OF CHARACTERS               X
                RACLIST=ALLOWED,    RACLIST?                         X
                DFTUACC=NONE,       DEFAULT UACC IF NONE SPECIFIED   X
                OPER=NO             IGNORE OPERATIONS ATTRIBUTE
ICHERCDE                            THIS GENERATES AN END STATEMENT
```

Please refer to the RACF Macros and Interfaces manual (section RACF Customization Macros) for assistance in implementing the ICHERCDE definitions.

2. **Define the classes to the MVS Router Table using the ICHRFRTB macro.**

Below is a sample of the definitions (A sample is in member ICHRFRTB in the SSA install library). Please refer to the RACF Macros and Interfaces manual (section RACF Customization Macros) for assistance in implementing the ICHRFRTB definitions.

ICHRFRTB Sample:

```
ICHRFR01 CSECT
ICHRFRTB CLASS=GAA$RULE,ACTION=RACF
ICHRFRTB CLASS=MAA$RULE,ACTION=RACF
ENDTAB ICHRFRTB TYPE=END
END ICHRFR01
```

3. IPL your system to activate the definitions.

4. Activate the classes in RACF.

It is highly recommended that the classes be RACLIST'd and made Generic profile/command capable. The following samples of commands show the activation, RACLISTing and Generic activation of the classes. It is important to note that all the commands shown below must be executed against the member class you have defined not the group class. You must have Global Special authority to issue these commands.

RACF Commands Sample:

```
SETROPTS GENERIC(MAA$RULE)
SETROPTS CLASSACT(MAA$RULE)
SETROPTS RACLIST(MAA$RULE)
```

Note: If you choose to follow the recommendations to RACLIST the SSA security classes, please note that you will have to issue a refresh after issuing commands that make changes or additions to those classes. The refresh command is to be issued only against the member class defined for SSA. Below is a sample of that command.

```
SETROPTS RACLIST(MAA$RULE) REFRESH
```

(z/OS 1.6 and above)

DYNCLAS Sample

```
//SSADEF   JOB 1,SSA,CLASS=A,MSGCLASS=X
//STEP1    EXEC PGM=IKJEFT01
//SYSTSPRT       DD SYSOUT=X
//SYSPRINT       DD SYSOUT=X
//SYSTSIN        DD *
RDEFINE CDT GAA$RULE CDTINFO(CASE(UPPER) DEFAULTRC(4)          +
DEFAULTUACC(NONE) FIRST(ALPHA NATIONAL)                        +
GENLIST(DISALLOWED) KEYQUALIFIERS(0) MACPROCESSING(NORMAL)     +
MAXLENX(60) MAXLENGTH(60) MEMBER(MAA$RULE)                     +
OPERATIONS(NO) OTHER(ALPHA NATIONAL NUMERIC SPECIAL)           +
POSIT(128) PROFILESALLOWED(YES)                                +
RACLIST(ALLOWED) SIGNAL(NO) SECLABELSREQUIRED(NO))

RDEFINE CDT MAA$RULE CDTINFO(CASE(UPPER) DEFAULTRC(4)          +
DEFAULTUACC(NONE) FIRST(ALPHA NATIONAL) GENLIST(DISALLOWED)    +
GROUP(GAA$RULE) KEYQUALIFIERS(0) MACPROCESSING(NORMAL)         +
MAXLENX(60) MAXLENGTH(60) OPERATIONS(NO)                       +
OTHER(ALPHA NATIONAL NUMERIC SPECIAL) POSIT(128)               +
PROFILESALLOWED(YES) RACLIST(ALLOWED) SIGNAL(NO)               +
SECLABELSREQUIRED(NO))

SETROPTS CLASSACT(CDT) RACLIST(CDT)
/*
```

A corresponding entry to the RACF Router Table is no longer required.

If you have any other user defined classes in the RACF static Class Descriptor Table, a Rexx exec has been included in the distribution clist library to create the commands necessary to put ALL of the installation defined classes into the dynamic CDT. The member name is CDT2DYN. This exec has been provided "as-is" by IBM and can be used to aid in the conversion from static CDT to dynamic CDT.

The class names utilized by SSA for security and configuration can be changed to names more suited to your shop standards by modifying the AAOPTION module. See "Chapter 10 Configuration" on page 513 for directions on changing the AAOPTION module.

Step 8: Define SSA Users and Administrators

The authority to use SSA is based upon the role assigned to a user. A SSA user can be classified as either an ADMINISTRATOR or USER. Below is a list of the differences between the two roles.

- An ADMINISTRATOR can approve or deny entries put in The SCHEDULER that require approval.
- An ADMINISTRATOR can enter entries into The SCHEDULER to run with the started tasks authority without approval.
- An ADMINISTRATOR can run reports on all entries in The SCHEDULER.
- An ADMINISTRATOR can manipulate the stored configurations for SSA users given they have the proper RACF authority to change the RACF profiles holding the stored configurations.
- An ADMINISTRATOR can change the operational settings of The SCHEDULER started task.
- An ADMINISTRATOR can display a users or groups authority to the many SSA features.
- An ADMINISTRATOR can create the extract jobs and given they have the correct access to the profiles protecting the off-load process, they can submit them.

User roles are set by assigning their userid as a member to the appropriate grouping profile. The default profile (defaults set in module AAOPTION - See “Chapter 10 Configuration” on page 513 to change if desired) for USERS is MEGASOLVE-SSA.USERS and the default profile for ADMINISTRATORS is MEGASOLVE-SSA.ADMINISTRATORS. Below is a sample of the command to define the users profile and the addition of IBMUSER as a USER of SSA.

Important Security Note:

Be sure to define yourself (the installer) as an ADMINISTRATOR. The ADMINISTRATOR level of authority will be necessary to complete the installation. You must have either Global Special authority or CLAUTH authority to the SSA classes to issue these commands.

RACF Command Sample:

```
RDEFINE  GAA$RULE  MEGASOLVE-SSA.USERS  UACC(NONE) OWNER(SYS1) -
   DATA(‘GROUP PROFILE DEFINING THE USERS OF SSA’) -
   ADDMEM(IBMUSER)
RDEFINE  GAA$RULE MEGASOLVE-SSA.ADMINISTRATORS  UACC(NONE) OWNER(SYS1) -
   DATA(‘GROUP PROFILE DEFINING THE ADMINISTRATORS OF SSA’) -
   ADDMEM(IBMUSER)
```

Important Security Note:

Remember that an ADMINISTRATOR can submit commands and jobs to The SCHEDULER to run with the started tasks authority without approval. Thus, if the started task has a higher authority than the user with ADMINISTRATOR status, that user can use the higher authority of the started task to run commands and jobs.

Step 9: Define Default Configuration Profile

SSA configuration settings necessary to use the SSA ISPF interface are now stored in RACF profiles. This allows the existence of multiple configurations and the ability to dynamically switch between them.

All configuration ‘groupings’ must start with the prefix set in the AAOPTION module (See “Chapter 10 Configuration” for details on changing prefix). The default prefix is AACONFIG-. Also contained in AAOPTION is the value set for the default configuration that must exist and is referred to by the SSA startup if no other configuration is available.

Below is a sample of the RACF command needed to setup the default configuration (A sample is in member AACONFIG of the SSA JCL library). You must have either Global Special authority or CLAUTH authority to the SSA classes to issue these commands.

RACF Command Sample:

```
RDEFINE GAA$RULE AACONFIG-DEFAULT OWNER(SYS1) UACC(READ) ADDMEM(-
  AA_DATABASE=SSA.RACFDATA.ISPTLIB -
  AA_ISPCLIB=SSA.ISPCLIB -
  AA_ISPMLIB=SSA.ISPMLIB -
  AA_ISPPLIB=SSA.ISPPLIB -
  AA_ISPSLIB=SSA.ISPSLIB -
  AA_LOADLIB=SSA.LOADLIB -
  SCHED_DB=SSA.SCHED.DATABASE -
  SCHED_HIST=SSA.SCHED.HISTORY -
  PERM_ALLOC_UNIT=SYSDA -
  TEMP_ALLOC_UNIT=SYSDA -
  SORT_ALLOC_UNIT=SYSDA -
  ISPF_SYS_MLIB=SYS1.SISPMENU -
  ISPF_SYS_TLIB=SYS1.SISPTENU -
  ALLOCATION_PREFIX=$USERID$ -
  MENU_FORMAT=SHORT -
  PRINT_PROMPT=Y -
  CLEAR_SELECTIONS=Y -
  EXECUTE_COMMANDS=N -
  LINES_PER_PAGE=55)
```

Make the following changes to define the default configuration:

1. Change all SSA dataset names to those created by the AAUNLOAD job in step 2.
2. Change the esoteric generic unit names to names appropriate in your shop.
3. Change the library referenced on label ISPF_SYS_MLIB to your system ISPF system message library.

   This library can almost always be found on your logon proc and can be identified as the correct library if it contains the member ISPV01. You MUST put the correct library or a majority of SSA’s jobs will fail. It is important to note that this library will not be updated; it is only used to establish an ISPF environment in batch.
4. Change the library referenced on label ISPF_SYS_TLIB to your system ISPF system table library.

   This library can be identified as the correct library if it contains the member ISPSPROF or ISPPROF. You MUST put the correct library or a majority of SSA’s jobs will fail. It is important to note that this library will not be updated; it is only used to establish an ISPF environment in batch.

5. All other settings are set to recommended standards.

   Refer to “Chapter 10 Configuration” on page 513 for a complete explanation of constructing an SSA configuration.

Step 10: Define Base Security Rules

It is recommended that two default security rules be established for installation expediency and product trials. The first is a single default security rule covering all restrictions to SSA functions. The second rule adds a SuperRevoke group for the Password Administration function. Adding both security rules ensures the SSA installer and tester are able to use all SSA functions.

Below is a sample of both security rules. The default security rule definition includes a subsequent permission that gives access to all SSA functions with the exception of those functions protected by the users status (USER vs. ADMINISTRATOR). Also shown is a SETROPTS REFRESH command which is only necessary if you RACLISTed the SSA classes. You must have either Global Special authority or CLAUTH authority to the SSA classes to issue these commands.

RACF Command Sample:

```
RDEFINE GAA$RULE MEGASOLVE-SSA.DEFAULT-SECURITY OWNER(SYS1) UACC(NONE) -
    DATA(‘BASE SECURITY RULE COVERING ALL SSA FUNCTIONS’) -
    ADDMEM(MEGASOLVE-SSA.**)
PERMIT MEGASOLVE-SSA.DEFAULT-SECURITY CLASS(GAA$RULE) ID(IBMUSER) -
    ACCESS(ALTER)
SETROPTS RACLIST(MAA$RULE) REFRESH
ADDGROUP $SREVOKE SUPGROUP(SYS1) OWNER(SYS1) -
    DATA(‘SUPERREVOKE GROUP FOR DIRECT ADMINISTRATION’)
```

Important Note:

Each of the chapter references listed below have a security section describing security features for the listed SSA function. Be sure to consult these chapters after installation to determine what security you want to use.

- “Chapter 3 SSA Reports”
- “Chapter 5 Command Generation”
- “Chapter 6 The SCHEDULER”
- “Chapter 7 TSO Direct Administration”
- “Chapter 8 System Resource Monitor”
- “Chapter 9 CICS Direct Administration”
- “Chapter 10 Configuration”

Step 11: Install the CICS Direct Administration Module (Optional)

This step is optional. If you are not licensed for the CICS Direct Administration function, proceed to “Step 12: Define Product Password” on page 27.

The CICS Direct Administration function uses two pieces: 1) CICS transactions and programs utilizing TCP/IP and 2) a started task that receives the requests and processes them. To install the CICS Direct Administration module you must do the following:

1. **Define the CICS Direct Administration started task to your system.**

   If you have already done this when installing version 1.2, proceed to the part four of this step. Below are the steps to accomplish that:

2. **Edit the started task JCL as shown below.**

   A sample of the JCL is in member AASTC02 of the SSA version 1.3 install library.

```
//AASTC02  PROC
//*
//**************************************************
//**                                              **
//**           SMART SECURITY ADMINISTRATOR       **
//**                                              **
//**                VERSION 1.3.0                 **
//**                                              **
//** (C) 1999 UNICOM SYSTEMS,INC.                 **
//**             ALL RIGHTS RESERVED              **
//**************************************************
//*
//*  CICS DIRECT ADMINISTRATION STARTED TASK
//*
//STEP001  EXEC PGM=AASTC02,REGION=4M,TIME=1440
//STEPLIB  DD  DSN=SSA.LOADLIB,DISP=SHR
//AASTCLOG DD  SYSOUT=*,DCB=BLKSIZE=133
//*
```

   Make the following changes to the JCL:

   - Change the load library specified on the STEPLIB DD to the SSA APF authorized load library.

   Once you have modified the JCL, it must be copied into a PROCLIB dataset that is available to your Job Entry Subsystem (JES). Contact your systems programmer if you are not sure where an appropriate available PROCLIB dataset is.

   After successfully modifying and copying the JCL into an appropriate library, the started task must be defined to RACF. This can be accomplished in 2 ways:

   - Add an entry to the Started Task Table (ICHRIN03) and then add a userid to RACF.
   - Add a userid to RACF and then add a RACF profile to the STARTED class with the appropriate STDATA segment.

   Because this is a shop-specific choice no samples are provided. Contact your SSA technical support representative if you need more information about defining the started task.

3. **Assign a TCP/IP PORT address to the CICS Direct Administration started task.**

   Below is an example of the PORT entry.

```
PORT
  3500 TCP AASTC02  NOAUTOLOG  ; SSA - CICS Direct Administration
```

   A sample of the PORT assignment is in member PORT in the SSA version 1.3 install library. To activate the PORT you must make the following changes:

   - Change 3500 to a port number that is unique in your system.
   - Change AASTC02 to the name you used to install the CICS Direct Administration started task.

   The PORT assignment must be activated by one of the following methods depending on the version of TCP/IP that is installed.

   - Edit the sample member PORT in the SSA install library and then issuing the OBEYFILE command as shown below or enter the PORT assignment into the profile dataset currently used by your TCP/IP started task and refresh that profile using the OBEYFILE command. It is important to note that if you don’t put the PORT assignment in the dataset utilized by the TCP/IP started task, the OBEYFILE assignment and activation of the PORT for the SSA-CDA started task will go away the next time TCP/IP is recycled.

     For TCP/IP Release 2.4 and below, issue the following TSO command:

```
===> OBEYFILE ‘SSA.INSTALL(PORT)’
```

     For TCP/IP 2.5 and higher, issue the followinng operator/console command:

```
VARY TCPIP,TCPIP,OBEYFILE,SSA.INSTALL(PORT)
```

   - Edit the profile dataset currently used by your TCP/IP started task and refresh that profile by recycling the TCP/IP started task. This is the more extreme of the two options and should only be utilized when it is appropriate to recycle the TCP/IP started task.

     Please Note: This definition is maintained in the dataset pointed to by DD PROFILE on the JCL for the TCP/IP started task.

4. **Edit AAOPTION member in the SSA install library and change the TCP/IP settings for your system.**

   Below is the excerpt of the AAOPTION member that requires updating:

```
AAOPTION TCP/IP Example:
********************************************
**                                        **
**  TCPIP CONSTANTS                       **
**                                        **
********************************************
TCPIP_NAME      DC  CL8'TCPIPMVS'
DEFAULT_STC_IP  DC  CL15'205.185.254.3'   DEFAULT IP ADDRESS
DEFAULT_STC_PT  DC  H'3500'               DEFAULT PORT ADDRESS
```

   Make the following changes:

   - Change the task name from TCPIPMVS to the started task name of TCP/IP on the system utilizing the CICS Direct Administration function.
   - Change the IP address from 205.185.254.3 to the IP address of the TCP/IP started task on the system utilizing the CICS Direct Administration function.
   - Change port address from 3500 to the port address assigned in the prior step of the CICS Direct Administration started task.
   - After making your changes you must assemble AAOPTION. Refer to “Chapter 10 Configuration” on page 513 for other parts of AAOPTION you may wish to change and assembly instructions.

5. **Edit AATCPIP member in the SSA install library and change the TCP/IP settings for your default system.**

   Below is the excerpt of the AATCPIP member that requires updating:

   A sample of the JCL is in member AASTC02 of the SSA version 1.3 install library.

```
DFLT_TRANS     DC   CL4'DFLT'             REQUIRED - DEFAULT TRANSACTION
DFLT_TCPIP     DC   CL8'TCPIPMVS'         TCPIP JOB NAME
DFLT_CICS      DC   CL8'SENTCICS'         CICS JOB NAME
DFLT_DISPLAY   DC   C'N'                  N=DO NOT DISPLAY,Y=DISPLAY
DFLT_IP_ADDR   DC   CL15'205.185.254.3'
DFLT_PORT      DC   H'3500'               TCPIP PORT NUMBER
DFLT_DESC      DC   CL40'DEFAULT SYSTEM'
```

   Make the following changes (Do not change DFLT. This is the default setting):

   - Change TCPIPMVS on the DFLT_TCPIP label to the name of the TCP/IP started task on the default system you are installing SSA on.
   - Change SENTCICS on the DFLT_CICS label to the name of the CICS region you are installing the SSA-CDA function into.
   - Change 205.185.254.3 on the DFLT_IP_ADDR label to the IP address of the TCP/IP started task on the default system you are installing SSA on.
   - Change 3500 on the DFLT_PORT label to the PORT number assigned to the SSA-CDA started task.

   After making the appropriate changes, you must assemble AATCPIP. You can use member ASSEMBLE in the install library. See “Chapter 9 CICS Direct Administration” on page 369 (cross platform administration part) for more details on AATCPIP.

6. **CICS Direct Administration uses TCP/IP CICS sockets. You must make sure that the CICS TCP/IP API is installed and active.**

   All details concerning the installation and activation of the CICS TCP/IP API is in the CICS TCP/IP Socket Interface Guide. Make sure the API is active before proceeding with the installation of the CICS Direct Administration function. Call your SSA representative if you need assistance or information concerning the installation of TCP/IP CICS Sockets.

7. **Define CICS Direct Administration components to the CICS region you want to perform administration from.**

   To define the transactions, programs and mapsets you must edit and submit the supplied CSD updating job $RDO located in the SSA version 1.3 install library. Below is a sample of that job which utilizes the IBM utility DFHCSDUP to update the CICS CSD file:

```
//************* PUT YOUR JOB CARD HERE *************
//**************************************************
//**           SMART SECURITY ADMINISTRATOR       **
//**                VERSION 1.3.0                 **
//** (C) 1999 UNICOM SYSTEMS,INC.                 **
//**             ALL RIGHTS RESERVED              **
//**************************************************
//*  JCL TO INSTALL THE CICS RESOURCE DEFINITIONS INTO CICS GROUP SSA
//*
//CSDINIT EXEC PGM=DFHCSDUP
//STEPLIB  DD  DSN=CICS.SDFHLOAD,DISP=SHR    <=== CHANGE AS REQUIRED
//DFHCSD   DD  DSN=CICS.DFHCSD,DISP=SHR      <=== CHANGE AS REQUIRED
//SYSPRINT DD  SYSOUT=*
//SYSUDUMP DD  SYSOUT=*
//SYSIN    DD  *
```

```
*=====================================================================
* CICS/RACF SSA DFHCSDUP RESOURCE DEFINITION STATEMENTS
*=====================================================================
*
*=====================================================================
*   DEFINE THE MAPS
*=====================================================================
*
DEFINE MAPSET(AAZAUT ) GROUP(SSA) RESIDENT(YES)
DEFINE MAPSET(AAZCON ) GROUP(SSA) RESIDENT(YES)
DEFINE MAPSET(AAZDSA ) GROUP(SSA) RESIDENT(YES)
DEFINE MAPSET(AAZDSP ) GROUP(SSA) RESIDENT(YES)
DEFINE MAPSET(AAZGRP ) GROUP(SSA) RESIDENT(YES)
DEFINE MAPSET(AAZMBA ) GROUP(SSA) RESIDENT(YES)
DEFINE MAPSET(AAZMN  ) GROUP(SSA) RESIDENT(YES)
DEFINE MAPSET(AAZMNU ) GROUP(SSA) RESIDENT(YES)
DEFINE MAPSET(AAZPWA ) GROUP(SSA) RESIDENT(YES)
DEFINE MAPSET(AAZPWC ) GROUP(SSA) RESIDENT(YES)
DEFINE MAPSET(AAZPWS ) GROUP(SSA) RESIDENT(YES)
DEFINE MAPSET(AAZRSA ) GROUP(SSA) RESIDENT(YES)
DEFINE MAPSET(AAZRSP ) GROUP(SSA) RESIDENT(YES)
DEFINE MAPSET(AAZUID ) GROUP(SSA) RESIDENT(YES)
DEFINE MAPSET(AAZUSR ) GROUP(SSA) RESIDENT(YES)
DEFINE MAPSET(AAZUTC ) GROUP(SSA) RESIDENT(YES)
DEFINE MAPSET(AAZUTP ) GROUP(SSA) RESIDENT(YES)
*
*=====================================================================
*   DEFINE THE PROGRAMS
*=====================================================================
*
DEFINE PROG(AAZAUT01) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZCLNT ) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZCON01) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZDSA01) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZDSP01) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZGRP01) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZMN01 ) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZMBA01) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZMNU01) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZPWA01) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZPWC01) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZPWS01) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZRSA01) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZRSP01) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AATCPIP)  L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZUID01) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZUSR01) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZUTP01) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZUTC01) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZVFY01) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZVFY02) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZVFY03) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZVFY04) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZVFY05) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZVFY06) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZVFY07) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZVFY08) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZVFY09) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZVFY14) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZVFY15) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
DEFINE PROG(AAZVFYAU) L(ASSEMBLER) EXECKEY(CICS) GROUP(SSA)
*
*=====================================================================
*   DEFINE THE TRANSACTIONS
*=====================================================================
*
DEFINE TRANSACTION(SAAU) PROG(AAZAUT01)
     GROUP(SSA) DESCRIPTION(SSA - AUTHORIZATION CHECK)
DEFINE TRANSACTION(SACN) PROG(AAZCON01)
     GROUP(SSA) DESCRIPTION(SSA - CONNECT ADMINISTRATION)
DEFINE TRANSACTION(SADS) PROG(AAZDSA01)
     GROUP(SSA) DESCRIPTION(SSA - DATASET ADMINISTRATION)
DEFINE TRANSACTION(SAGP) PROG(AAZGRP01)
     GROUP(SSA) DESCRIPTION(SSA - GROUP ADMINISTRATION)
DEFINE TRANSACTION(SAMA) PROG(AAZMBA01)
     GROUP(SSA) DESCRIPTION(SSA - MEMBER ADMINISTRATION)
DEFINE TRANSACTION(SAMD) PROG(AAZMN01)
     GROUP(SSA) DESCRIPTION(SSA - REMOTE ADMINISTRATION MAIN MENU)
DEFINE TRANSACTION(SAMN) PROG(AAZMNU01 )
     GROUP(SSA) DESCRIPTION(SSA - MAIN MENU)
DEFINE TRANSACTION(SAPW) PROG(AAZPWA01)
     GROUP(SSA) DESCRIPTION(SSA - PASSWORD ADMINISTRATION)
DEFINE TRANSACTION(SAPR) PROG(AAZPWS01)
     GROUP(SSA) DESCRIPTION(SSA - PASSWORD ADMINISTRATION-SHORT)
DEFINE TRANSACTION(SARP) PROG(AAZRSP01)
     GROUP(SSA) DESCRIPTION(SSA - RESOURCE PERMIT)
DEFINE TRANSACTION(SARS) PROG(AAZRSA01)
     GROUP(SSA) DESCRIPTION(SSA - RESOURCE ADMINISTRATION)
DEFINE TRANSACTION(SASP) PROG(AAZDSP01)
     GROUP(SSA) DESCRIPTION(SSA - DATASET PERMIT)
DEFINE TRANSACTION(SAUR) PROG(AAZUSR01)
     GROUP(SSA) DESCRIPTION(SSA - USERID ADMINISTRATION)
DEFINE TRANSACTION(SAUC) PROG(AAZUTC01)
     GROUP(SSA) DESCRIPTION(SSA - USER CICS SEGMENT ADMIN)
DEFINE TRANSACTION(SAUT) PROG(AAZUTP01)
     GROUP(SSA) DESCRIPTION(SSA - USER TSO SEGMENT ADMIN)
//*
```

To submit this job you must do the following:

- Replace the first line of this job with your job card.
- Change the loadlib referenced on the STEPLIB DD with your CICS system load library that contains the DFHCSDUP module.
- Change the CSD file referenced on the DFHCSD DD to the CSD file of the region you are installing the software.

After the job has completed successfully, you must logon to the CICS region where you are installing the product and install the definition group SSA. The installation is done by executing transaction CEDA. Below is an example of that transaction/command:

```
CEDA INSTALL GROUP(SSA)
```

8. **You must add the SSA load library to the CICS region's RPL.**

   Below is a sample of adding the dataset:

```
//DFHRPL  DD DSN=CICS.SDFHLOAD,
//           DISP=SHR
//        DD DSN=SSA.LOADLIB,
//           DISP=SHR
```

   Once the addition has been made, the region must be recycled to activate the change.

9. **It is highly recommended that all SSA-CDA transactions be secured at the transaction level as well.**

   Since the implementation of RACF security on CICS transactions is specific to the shop no examples are included. Contact your SSA representative if you require assistance or information concerning CICS transaction security.

Step 12: Define Product Password

SSA’s product protection password(s) are stored in a RACF grouping profile. Password(s) are based on the characteristics of the CPU that supports the system that SSA is running on.

1. **Logon to the Logon Proc you modified in step 5.**

2. **Execute the AAINFO command from ISPF.**

   AAINFO displays the information required by UNICOM Systems, Inc. to generate a password. Below is a sample of the output from the AAINFO command.

   ```
   ************************************
   ***       SSA Version 1.3        ***
   ***                              ***
   ***      System Information      ***
   ***                              ***
   *** Date         => 2005-12-31   ***
   *** Time         => 14:37.53     ***
   *** CPU id       => 012345       ***
   *** CPU Model    => 9672-ZZ7     ***
   *** RACF Version => 7.70         ***
   *** SMF id       => SYSA         ***
   *** MVS Version  => SP7.0.4      ***
   *** Group Class  => GAA$RULE     ***
   ***    Exists    => YES          ***
   ***    Active    => YES          ***
   *** Member Class => MAA$RULE     ***
   ***    Exists    => YES          ***
   ***    Active    => YES          ***
   ***                              ***
   ************************************
   ```

3. **Print the output and contact your UNICOM Systems, Inc. Customer Service representative.**

   The UNICOM Customer Service representative will send instructions to apply the SSA password(s).

Important Note:

SSA consists of common and optional components. Reports and Generic Searches are part of the default product. All other features are optional components that can be purchased separately.

Trial passwords permit the temporary usage of all SSA component functions. However, permanent passwords activate only those features that have been licensed to your company. Be sure to tell the Customer Service representative what SSA features have been licensed by your company.

Step 13: Startup Panel Choice (Optional/Recommended)

SSA should be available as an option on your ISPF product menu. To do so, you must first add a selection note to the BODY section of your product menu panel as shown below:

```
M       SMART SECURITY ADMINISTRATOR
```

Second, you must insert the selection into the PROC section within the selection logic as shown below:

```
M,'PGM(AASTART)'
```

Now, users can access SSA by just entering an ‘M’ on the ISPF product panel you modified.

Step 14: Start the SSA Started Tasks

The SCHEDULER Started Task:

NOTE: If you are not licensed for The SCHEDULER function, proceed to the CICS Direct Administration part of step 14.

To fully activate The SCHEDULER feature, you must start The SCHEDULER started task. This can be accomplished by either issuing the start command on the systems master console, or by issuing the command through SDSF (if you are authorized). Below is a sample of the start command on a master console.

Console Command Sample:

```
S AASTC01
```

Once the task has started and issues its WTOR (a message to the operator requiring a response), ensure the tasks operating status by issuing a response to the outstanding WTOR with a D to display the current options the started task is using. You should receive a response like the sample below. If you don’t, report the problem to your SSA technical support representative.

Started Task Current Options Sample:

```
*16 AASTC01 ENTER VALID SSA SCHEDULE FACILITY COMMAND
 R 16,D
 IEE600I REPLY TO 16 IS;D
 AASTC02 SCAN INTERVAL:   00 HRS 01 MINS 00 SECS
 AASTC02 WAKEUP INTERVAL: 00 HRS 00 MINS 30 SECS
 AASTC02 HISTORY RETAIN:  007 DAYS
```

CICS Direct Administration Started Task

NOTE: If you are not licensed for the CICS Direct Administration, proceed to step 15.

To fully activate the CICS Direct Administration feature, you must start the CICS Direct Administration started task. This can be accomplished by either issuing the start command on the systems master console or by issuing the command through SDSF (if you are authorized). Below is a sample of the start command on a master console.

Console Command Sample:

```
S AASTC02
```

Once the task has started, it will issue a status via WTO’s. If you don’t see these messages, report the problem to your SSA technical support representative. Below is a sample of those messages. Keep in mind that the TCP/IP jobname and the started task name may differ depending on your shops values.

Started Task Startup Messages:

```
AAMG207 OPTIONS HAVE BEEN SUCCESSFULLY UPDATED
AAMG203 TCP/IP JOBNAME: TCPIPMVS
AAMG203 STARTED TASK:   AASTC02
```

Step 15: Off-loading RACF Information

SSA uses off-loaded RACF information for a majority of its functions (reporting, online generic searches, command generation, etc.). To generate the off-load job do the following:

1. Logon to the proc you modified in step 5.
2. Start SSA by either executing program AASTART from option 6 of ISPF, or if available, use the menu startup option done in step 13.
3. Proceed to option 9 - Configuration and then option 1 - Edit Stored Configuration Values.

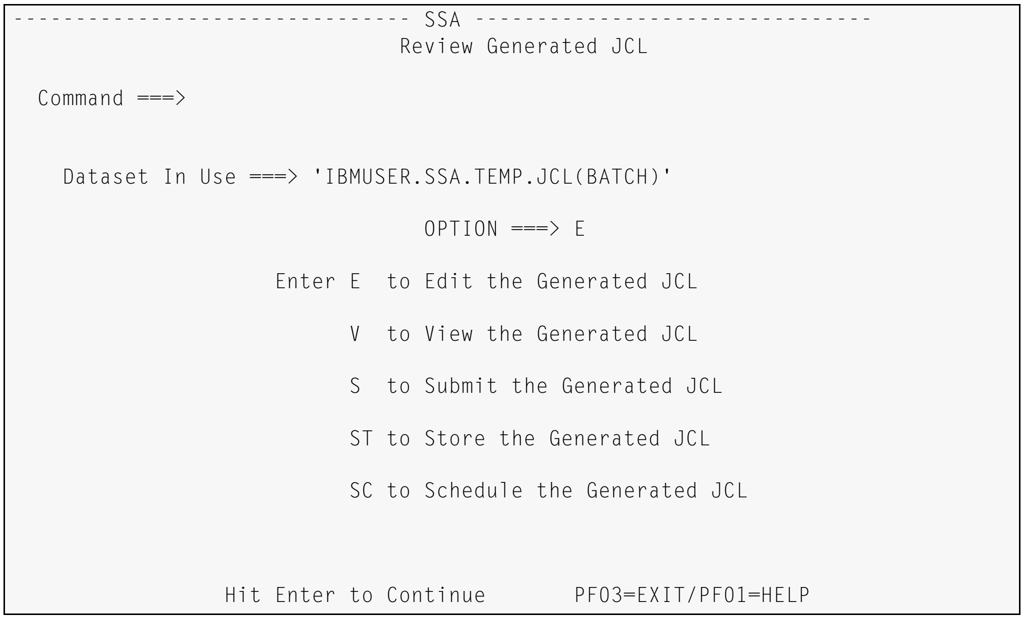
   Make sure all values are correct and the specified jobcard works in your shop.
4. Proceed to Configuration option 6 - Run Extract Jobs.

   When you enter option 6, you will be asked if you want to use the SSA off-load process or the IBM off-load process. Each process has its unique pros and cons. Below is that list for your consideration:

Function/Process	SSA off-load (AADBU00)	IBM Off-load (IRRDBU00)
Access Necessary to Database	Access is only governed by SSA security rules	Must have UPDATE authority to database being off-loaded
Screen Records Off-loaded According to Security Rules	All profiles can be subjected to a security check allowing individualized and specialized off loads	Dumps all records
Off-load Secondary or Backup Databases	No, only off loads live database	Can off-load secondary or backup databases

The following sequence will demonstrate the recommended SSA Off-load choice. For a detailed explanation and walk-through of the IBM Off-load option refer to "Chapter 10 Configuration" on page 513.

Once you have chosen the SSA off-load process, you will be presented with the Review Generated JCL screen from which you can Edit, View, Submit, Store and Schedule the JCL.



```
-------------------------------- SSA --------------------------------
                               Review Generated JCL

  Command ===>


    Dataset In Use ===> 'IBMUSER.SSA.TEMP.JCL(BATCH)'

                                 OPTION ===> E

                     Enter E  to Edit the Generated JCL

                           V  to View the Generated JCL

                           S  to Submit the Generated JCL

                           ST to Store the Generated JCL

                           SC to Schedule the Generated JCL



                 Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

It is recommended that you edit the JCL and manually submit the job by typing SUB at the command line and hitting ENTER.

After submitting the job, you must check the condition codes for both steps. Step020, of either job, using IKJEFT01 (to create an ISPF environment) can get a condition code of 0 but unsuccessfully load the SSA ISPF tables. It is important to check that unload status messages are produced under DD AASTATMN. If you notice error messages under DD ISPLOG or anything else other than a successful unload, note the problem immediately to your SSA technical support representative for resolution.

You have successfully completed the SSA installation. It is highly recommended that the administrator or systems programmer in charge of maintaining SSA and its security rules review the chapters listed on page 20.

SSA Usage Recommendations

Listed below are recommendations for using SSA.

- The samples below show the required attributes of the SSA classes that will ensure that the product works properly.
- The SSA off-load job should be placed in The SCHEDULER to run during non-production hours.
- If you are licensed for the CICS Direct Administration module, proceed to "Chapter 9 CICS Direct Administration" on page 369 for usage details.
- Try to maintain the naming conventions specified during installation. This allows you to more quickly reference the material, perform trouble shooting, and expedite any communications with your SSA representative.
- Start with high-level generic protection profiles for all secured functions before 'releasing' these functions to the appropriate personnel and departments.
- Enlarge the size of your ISPF profile dataset. SSA can store a large amount of information in your ISPF profile. You should increase the allocation by at least 50%.
- Some ISPF tables may contain a large number of rows depending on the size of your RACF database. Allow adequate storage during LOGON (in the SIZE field) so that ISPF can read the entire table into virtual storage. SSA users should allow approximately 200 bytes of storage for each ISPF table row to accommodate the largest table. For example, if the largest table is 'TOTAL CONNECTS and there are 40,020 connect records, SSA will require at least 7.6 MB (200 bytes X 40,020 = 8,004,000). More information can be found by viewing the LEGEND pop-up on the first SSA (AAMAIN) panel or by checking the AASTAMN DD in STEP020 of the 'Extract Job' (ISPF Record Count Tally).
- All prior users of SSA should execute CLIST AAERASE, to purge all variables stored in their ISPF profiles for Admin-Aide version 3.1 through SSA version 1.3.
- Enabling logon statistic suppression is not recommended since SSA uses RACF LJDATE and LJTIME fields.

Chapter 3 SSA Reports

SSA provides a series of batch and online reports ranging from access to ownership. All reports offer selectivity, a well organized and extremely informational format.

Report Global Conventions

SSA reports adhere to several "global" conventions. The following conventions apply:

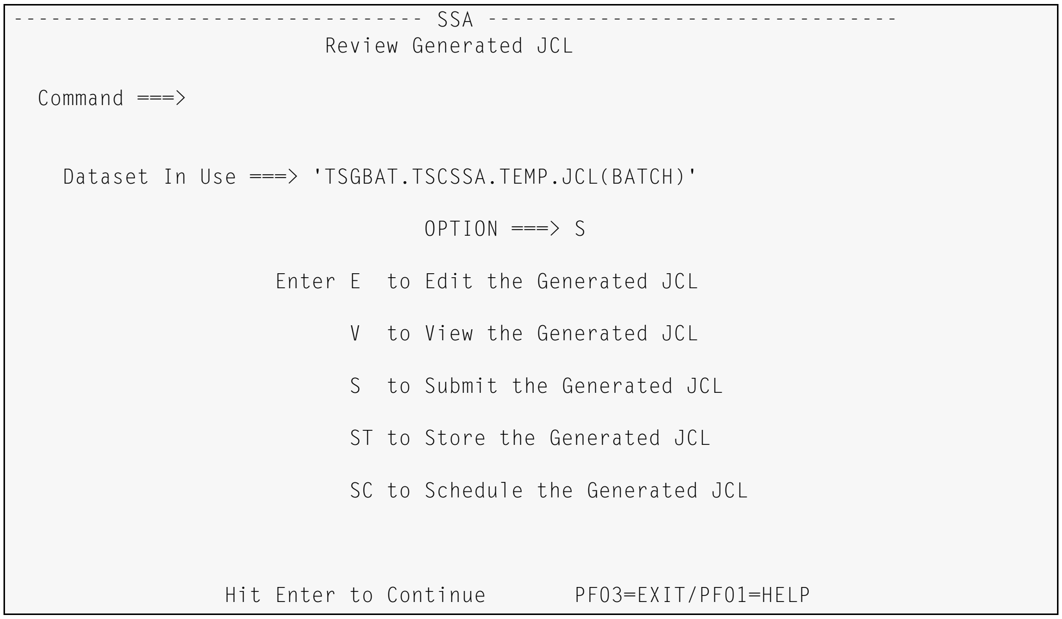
Security All reports have security built into their panel dialog programs and report generators. MAA$RULE is the default security class. SSA.REPORT*nnn* is the default security profile, where *nnn* is the numeric sequence of the report (see "Chapter 10 Configuration" on page 513 if you wish to change defaults). For example, Access Report for Userids is the first report. Therefore, the security profile is SSA.REPORT001.

Users must have read access to the profile to use the report panel dialog and run the report generating program. Below is a table showing the report and the protecting RACF profile.

Report	RACF Profile
Access Report for Userids	MEGASOLVE-SSA.REPORT001
Access Report for Groups	MEGASOLVE-SSA.REPORT002
Dataset Profile Permission Report	MEGASOLVE-SSA.REPORT003
Ownership Report	MEGASOLVE-SSA.REPORT004
Group Connect Report	MEGASOLVE-SSA.REPORT005
Default Group Report	MEGASOLVE-SSA.REPORT006
Clauth/Group Special Report	MEGASOLVE-SSA.REPORT007
Never Logged On Report	MEGASOLVE-SSA.REPORT008
Global Attribute Report	MEGASOLVE-SSA.REPORT009
Non-Expiring Password Report	MEGASOLVE-SSA.REPORT010
True Dataset Authority Report	MEGASOLVE-SSA.REPORT011
Notify Report	MEGASOLVE-SSA.REPORT012
Break in Ownership Report	MEGASOLVE-SSA.REPORT013
User/Group Repetitive Permits Report	MEGASOLVE-SSA.REPORT014
Group Statistics Report	MEGASOLVE-SSA.REPORT015
Obsolete Entries Report	MEGASOLVE-SSA.REPORT016
Where a User/Group is Not in an Access List Report	MEGASOLVE-SSA.REPORT017
General Resource Class Permission Report	MEGASOLVE-SSA.REPORT018
Userid Statistics Report	MEGASOLVE-SSA.REPORT019
Dataset Profile and Permission Report	MEGASOLVE-SSA.REPORT020
RACF to Master Catalog Comparison Report	MEGASOLVE-SSA.REPORT021

Operational Mode: Batch or online

Batch mode generates the JCL necessary to create the SSA report you requested based upon your selections. SSA displays the Review Generated JCL panel as shown below.



```
-------------------------------- SSA --------------------------------
                        Review Generated JCL

 Command ===>


   Dataset In Use ===> 'TSGBAT.TSCSSA.TEMP.JCL(BATCH)'

                                OPTION ===> S

                    Enter E  to Edit the Generated JCL

                          V  to View the Generated JCL

                          S  to Submit the Generated JCL

                          ST to Store the Generated JCL

                          SC to Schedule the Generated JCL


                Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

Report Data Selection

E Select E if you want to be placed in an EDIT session.

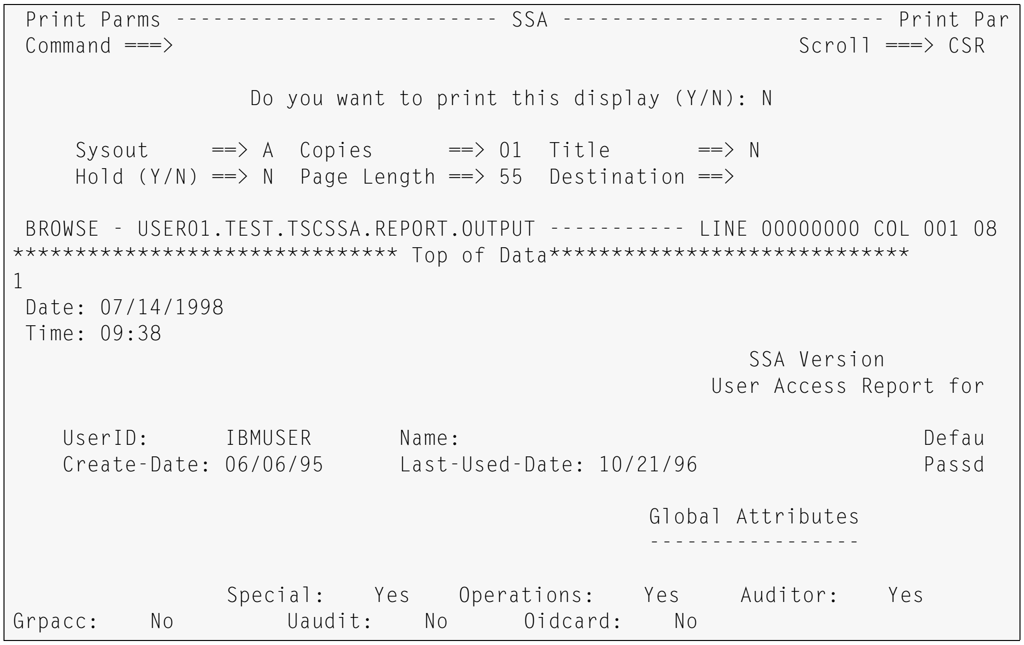
V Select V if you want to be placed in a VIEW session.

S Select S if you want to submit the generated JCL.

ST Select ST if you want to store the generated JCL in the SSA storage facility.

SC Select SC if you want to schedule the generated JCL via The SCHEDULER. Refer to “Chapter 6 The SCHEDULER” on page 255 for instructions.

Online mode creates the report based upon your selections. The report appears in a browse session, as shown below, from which you can print the report..



```
 Print Parms ------------------------- SSA ------------------------- Print Par
 Command ===>                                                 Scroll ===> CSR

                   Do you want to print this display (Y/N): N

     Sysout     ==> A  Copies      ==> 01  Title       ==> N
     Hold (Y/N) ==> N  Page Length ==> 55  Destination ==>

 BROWSE - USER01.TEST.TSCSSA.REPORT.OUTPUT ----------- LINE 00000000 COL 001 08
****************************** Top of Data****************************
1
 Date: 07/14/1998
 Time: 09:38
                                                          SSA Version
                                                       User Access Report for

    UserID:      IBMUSER       Name:                                 Defau
    Create-Date: 06/06/95      Last-Used-Date: 10/21/96              Passd

                                                   Global Attributes
                                                   -----------------

                 Special:    Yes    Operations:    Yes     Auditor:    Yes
Grpacc:    No         Uaudit:    No      Oidcard:    No
```

Send Report Outputt S or D (SYSOUT or DATASET)

S (SYSOUT) Batch reports are sent to SYSOUT (if the JOB is expanded through SDSF a DDNAME of AAREPORT is used). Does not apply to online reports.

D (DATASET) Batch or online modes. In either mode the output is directed to the output dataset.

Report JCL All Report options use the same JCL with the exception of report 11 (True Dataset Authority Report) and report 21 (RACF to Master Catalog Comparison Report).

Report 11 is a non-ISPF based report that must run in an authorized environment. Report 21 has a number of DD and allocation changes to accommodate the IDCAMS output. Its differences will be discussed in that reports part.

Below is a sample of the general report job. In each explanation of a report, references are made to the two distinguishing factors concerning the JCL. Those two factors are:

DD AACTLCDS Control cards that tell the report what it should contain

DD AASYSIN Input entries that are to be reported on (i.e., IBMUSER, if you want to run an access report on IBMUSER)

JCL Sample (AAREP001 - Access Reports for Userids)

```
//*
//*
//**************************************************
//**                                              **
//**           SMART SECURITY ADMINISTRATOR       **
//**                                              **
//**                VERSION 1.3.0                 **
//**                                              **
//** (C) 1999 UNICOM SYSTEMS,INC.                 **
//**             ALL RIGHTS RESERVED              **
//**************************************************
//*
//* JCL CREATED BY USER01
//* JCL CREATED ON 12/1/1999
//* JCL CREATED AT 14:37
//*
//* JOB FUNCTION: ACCESS_REPORT_FOR_USERIDS
//*
//STEP010  EXEC PGM=IKJEFT01,DYNAMNBR=30,TIME=1440,REGION=4096K
//SYSPROC  DD  DISP=SHR,
//             DSN=SSA.ISPCLIB
//ISPPROF  DD  DSN=&PROFILE,DISP=(,PASS),SPACE=(TRK,(1,1,1)),
//             DCB=(LRECL=80,BLKSIZE=6160,RECFM=FB),UNIT=SYSDA
//ISPPLIB  DD  DISP=SHR,
//             DSN=SSA.ISPPLIB
//ISPSLIB  DD  DISP=SHR,
//             DSN=SSA.ISPSLIB
//ISPMLIB  DD  DISP=SHR,
//             DSN=SYS1.SISPMENU
//         DD  DISP=SHR,
//             DSN=SSA.ISPMLIB
//ISPTLIB  DD  DISP=SHR,
//             DSN=SYS1.SISPTENU
//AADBTLIB DD  DISP=SHR,
//             DSN=SSA.RACFDATA.ISPTLIB
//STEPLIB  DD  DISP=SHR,
//             DSN=SSA.LOADLIB
//ISPCTL1  DD  DSN=&CNTL1,DISP=(,PASS),UNIT=SYSDA,
//             DCB=(LRECL=80,BLKSIZE=800,RECFM=FB),SPACE=(TRK,(5,5))
//ISPCTL2  DD  DSN=&CNTL2,DISP=(,PASS),UNIT=SYSDA,
//             DCB=(LRECL=80,BLKSIZE=800,RECFM=FB),SPACE=(TRK,(5,5))
//SYSTSPRT DD  SYSOUT=*,DCB=(BLKSIZE=19019,LRECL=133,RECFM=FBA)
//SYSPRINT DD  SYSOUT=*,DCB=(BLKSIZE=20000,LRECL=200,RECFM=FBA)
//ISPLOG   DD  SYSOUT=*,DCB=(BLKSIZE=129,LRECL=125,RECFM=VA)
//SYSOUT   DD  SYSOUT=*
```

```
//TEMPWK01 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE
//TEMPWK02 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE
//SORTWK01 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE
//AAREPORT DD  SYSOUT=*,
//             DCB=(RECFM=FBA,LRECL=133)
//AASYSIN  DD  *
IBMUSER
//*
//AACTLCDS DD  *
USER-DETAILS
UACC
CONNECT-PERMISSIONS
OWNERSHIP
EXPAND-MEMBERS
SUMMARY
LINES-PER-PAGE=55
//*
//SYSTSIN  DD  *
ISPSTART PGM(AAREP001)
//*
```

JCL DDs Below is a brief explanation of the DDs and what they must reference:

SYSPROC Must reference the SSA CLIST library

ISPPLIB Must reference the SSA ISPF panel library

ISPSLIB Must reference the SSA skeleton JCL library

ISPMLIB Must reference the SSA ISPF message library and ISPF system message library

ISPTLIB Must reference the ISPF system table library

STEPLIB Must reference the SSA APF Authorized load library

AADBTLIB Must reference the SSA RACF information table library

AAREPORT This DD can either reference an output dataset with the following DCBs: RECFM=FBA,LRECL=133 or can be directed to SYSOUT

AACTLCDS Must reference the control cards for the report program

AASYSIN Must reference the input entries for the report program

Control Cards The DD AACTLCDS references control cards that tell the report what to contain or reference. The following control cards apply to a majority of the reports; they will not be discussed again.

LINES-PER-PAGE=nn This card controls the number of lines per page on the report. The value can be from 10 to 99.

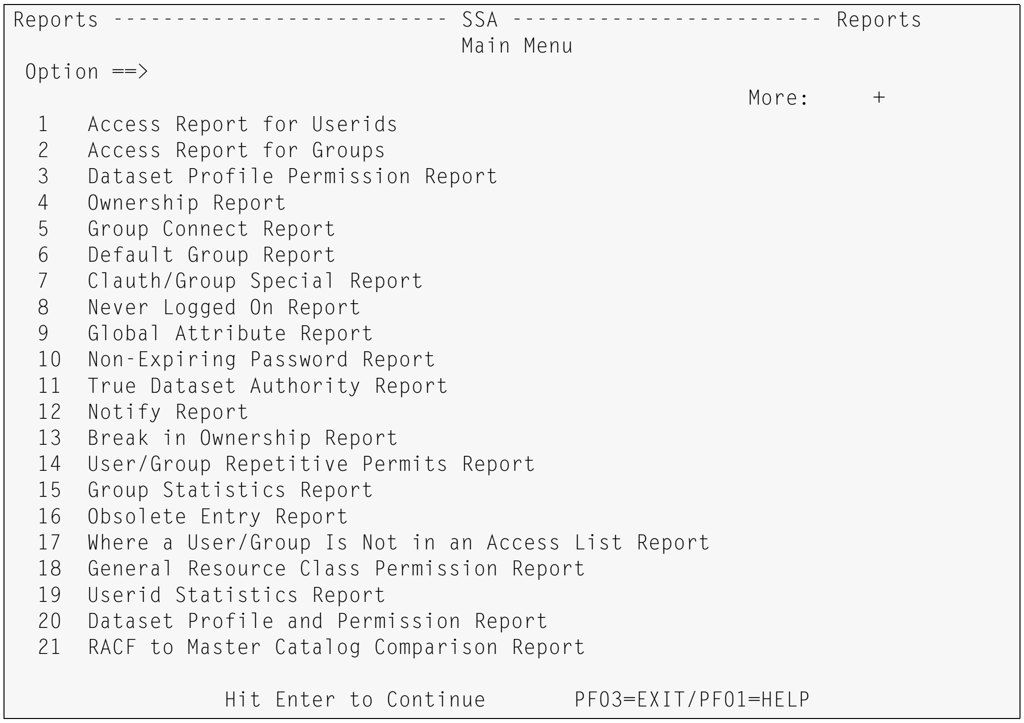
SUMMARY This card will produces a summary report. NOSUMMARY is the default.

Please Note: These conventions are not be mentioned in the remainder of this chapter.

Reports Main Menu

Shown below is the SSA Report Main menu. This example shows the short version of the SSA Report Main Menu. The long version of the menu provides greater detail concerning report content and data filtering.

The long version can be viewed by changing the Menu Format configuration setting to LONG. This can be done through Configuration option 1. You can also enter CLISTs to display short or long versions of SSA menus. Execute the CLIST AASHORT to display the short menu, or AALONG to display the long menu. .

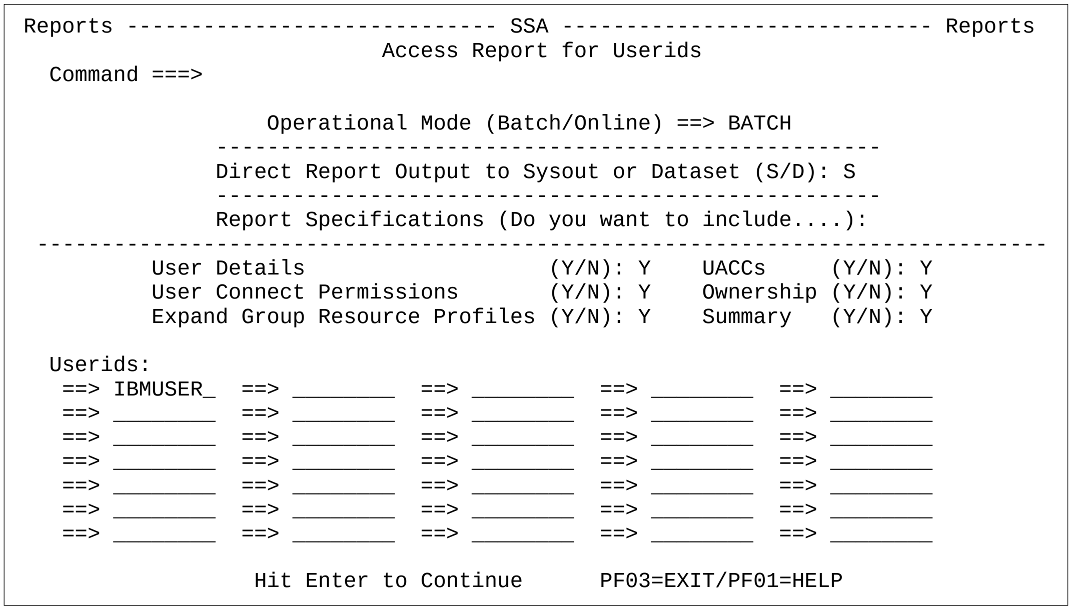


```
Reports -------------------------- SSA ------------------------ Reports
                                    Main Menu
 Option ==>
                                                           More:     +
  1   Access Report for Userids
  2   Access Report for Groups
  3   Dataset Profile Permission Report
  4   Ownership Report
  5   Group Connect Report
  6   Default Group Report
  7   Clauth/Group Special Report
  8   Never Logged On Report
  9   Global Attribute Report
  10  Non-Expiring Password Report
  11  True Dataset Authority Report
  12  Notify Report
  13  Break in Ownership Report
  14  User/Group Repetitive Permits Report
  15  Group Statistics Report
  16  Obsolete Entry Report
  17  Where a User/Group Is Not in an Access List Report
  18  General Resource Class Permission Report
  19  Userid Statistics Report
  20  Dataset Profile and Permission Report
  21  RACF to Master Catalog Comparison Report

                 Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

The remainder of this chapter describes how to create each SSA report. Each report is described in a separate chapter section that includes an example of the report data selection panel, batch JCL examples, and control card explanations. Refer to Appendix A on page 551 for examples of each SSA report.

Access Report for Userids

Provides a detailed cross reference access report by Userid.



```
Reports ---------------------------- SSA ---------------------------- Reports
                            Access Report for Userids
  Command ===>

                   Operational Mode (Batch/Online) ==> BATCH
               ---------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S
               ---------------------------------------------------
               Report Specifications (Do you want to include....):
 ------------------------------------------------------------------------------
          User Details                   (Y/N): Y    UACCs     (Y/N): Y
          User Connect Permissions       (Y/N): Y    Ownership (Y/N): Y
          Expand Group Resource Profiles (Y/N): Y    Summary   (Y/N): Y

  Userids:
   ==> IBMUSER_  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

User Details — Indicate if you want profile details concerning the userid to be included in the report.

UACCs — Indicate if you want permission via UACCs to be included in the report.

User Connect Permissions — Indicate if you want permissions via the userids group connects to be included in the report.

Ownership — Indicate if you want all occurrences of ownership by the userid to be included in the report.

Expand Group Resource Profiles — Indicate if you want group resource profiles expanded to show the members of those groups.

Summary — Indicate if you want a summary produced.

Groups — You must enter at least one userid.

Report JCL

```
//AACTLCDS DD  *
USER-DETAILS
UACC
CONNECT-PERMISSIONS
OWNERSHIP
EXPAND-MEMBERS
SUMMARY
//*
//AASYSIN  DD *
IBMUSER
//*
```

Control Cards

USERID(variable)
Specify at least one userid to report on. Each user must be on a separate line starting in column 1.

USER-DETAIL
Specify this parm to include Userid details such as segment information, group connects, global attributes, etc.

CONNECT-PERMISSIONS
Specify this parm to include access to resources that are obtained through group connections. This type of access will include the group name in the group name column on the report.

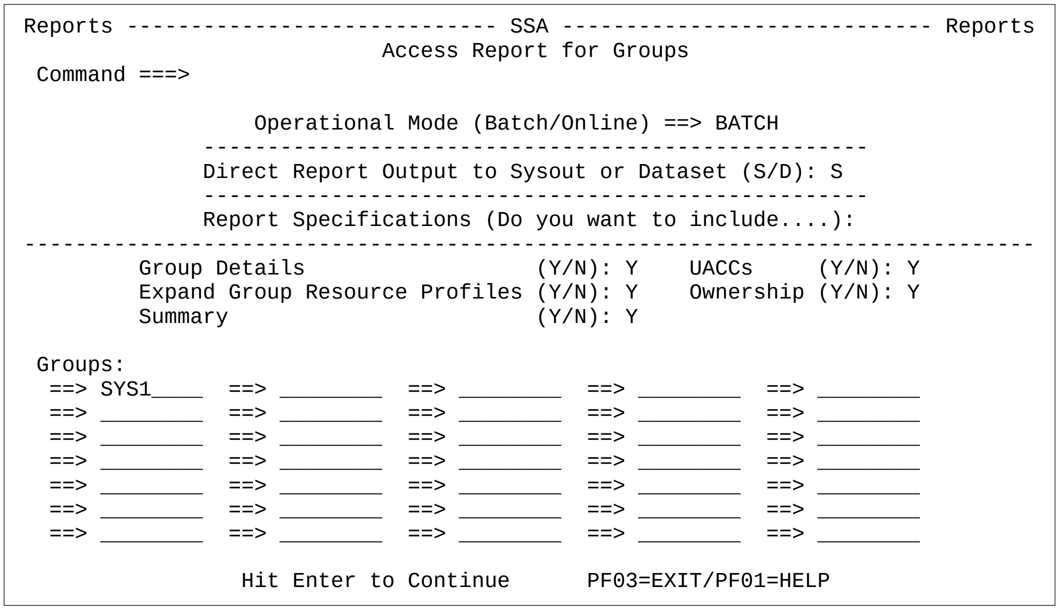
EXPAND-MEMBERS
Specify this parm to expand member resources of grouping class profiles. For example, to include a list of CICS transactions in your report, use the EXPAND-MEMBERS parm if you are using the group resource class.

UACC
Specify this parm to include all access obtained through universal access, warning attribute, or ' * ' access list permissions.

OWNERSHIP
Specify this parm to report on all occurrences of ownership.

Access Report for Groups

Provides a detailed cross reference access report by Group.



```
Reports ---------------------------- SSA ---------------------------- Reports
                            Access Report for Groups
 Command ===>

                   Operational Mode (Batch/Online) ==> BATCH
               ---------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S
               ---------------------------------------------------
               Report Specifications (Do you want to include....):
------------------------------------------------------------------------------
          Group Details                  (Y/N): Y    UACCs     (Y/N): Y
          Expand Group Resource Profiles (Y/N): Y    Ownership (Y/N): Y
          Summary                        (Y/N): Y

 Groups:
  ==> SYS1____  ==> ________  ==> ________  ==> ________  ==> ________
  ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
  ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
  ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
  ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
  ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
  ==> ________  ==> ________  ==> ________  ==> ________  ==> ________

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

Group Details

Indicate if you want profile details concerning the group to be included in the report.

UACCs

Indicate if you want permission via UACCs to be included in the report.

Expand Group Resource Profiles

Indicate if you want group resource profiles expanded to show the members of those groups.

Ownership

Indicate if you want all occurrences of ownership by the userid to be included in the report.

Summary

Indicate if you want a summary produced.

Groups

You must enter at least one group.

Report JCL

```
//AACTLCDS DD  *
GROUP-DETAILS
UACC
OWNERSHIP
EXPAND-MEMBERS
SUMMARY
//*
//AASYSIN  DD  *
SYS1
//*
```

Control Cards

GROUP (variable) Specify at least one group to report on. Each group must be on a separate line starting in column 1.

GROUP-DETAIL Specify this parm to include Groups details such as segment information, userid connects, etc.

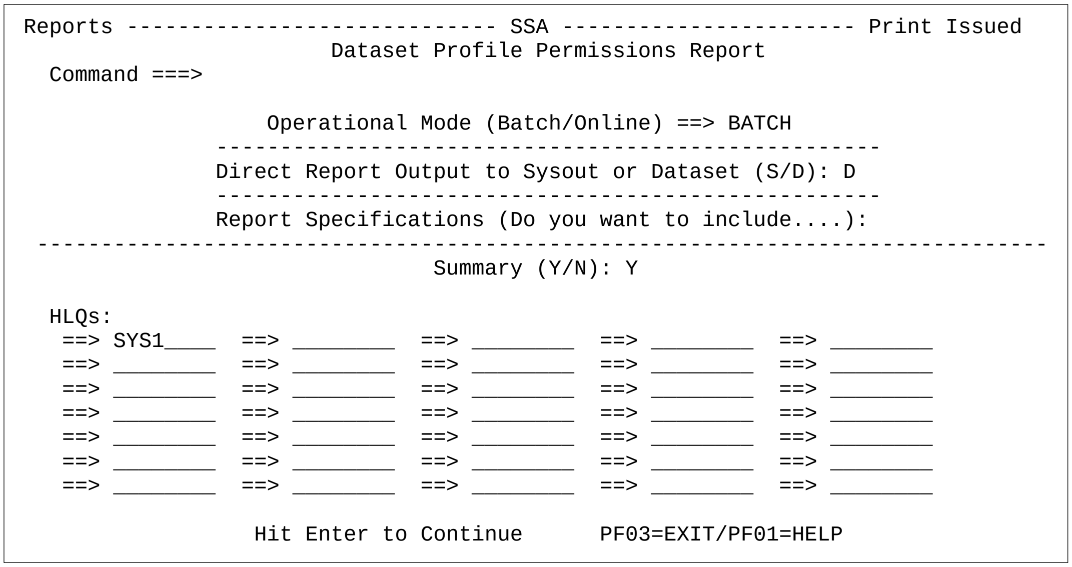
EXPAND-MEMBERS Specify this parm to expand member resources of grouping class profiles. For example to include a list of CICS transactions in your report use the EXPAND-MEMBERS parm if you are using the group resource class.

OWNERSHIP Specify this parm to include all occurrences of ownership by the groups specified.

UACC Specify this parm to include all access obtained through universal access or ' * ' standard access list permissions.

Dataset Profile Permissions Report

Provides a detailed report of permissions by dataset high-level qualifier.



```
Reports ----------------------------- SSA ----------------------- Print Issued
                        Dataset Profile Permissions Report
  Command ===>

                   Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): D
               ----------------------------------------------------
               Report Specifications (Do you want to include....):
 -------------------------------------------------------------------------------
                                Summary (Y/N): Y

  HLQs:
   ==> SYS1____  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

Summary	Indicate if you want a summary produced.
HLQs	You must enter at least one high level qualifier.

Report JCL

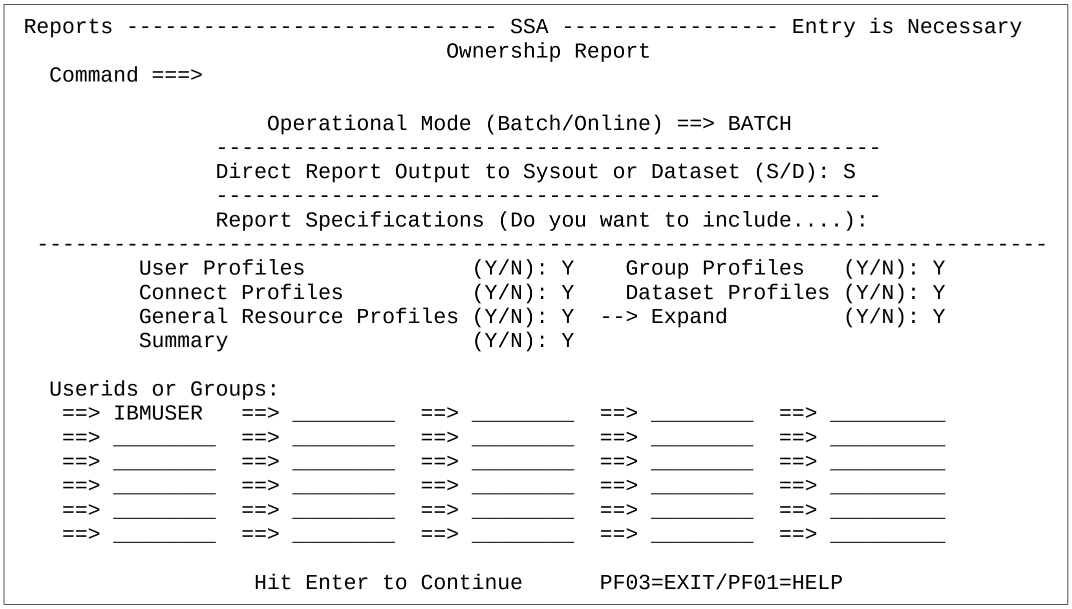
```
//AACTLCDS DD  *
SUMMARY
//*
//AASYSIN  DD  *
SYS1
//*
```

Control Cards

HLQ (variable)	Specify at least one HLQ to report on. Each HLQ must be on a separate line starting in column 1.

Ownership Report

Provides a detailed profile ownership report.



```
Reports ----------------------------- SSA ----------------- Entry is Necessary
                                 Ownership Report
  Command ===>

                   Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S
               ----------------------------------------------------
               Report Specifications (Do you want to include....):
 -------------------------------------------------------------------------------
         User Profiles              (Y/N): Y    Group Profiles   (Y/N): Y
         Connect Profiles           (Y/N): Y    Dataset Profiles (Y/N): Y
         General Resource Profiles  (Y/N): Y  --> Expand         (Y/N): Y
         Summary                    (Y/N): Y

  Userids or Groups:
   ==> IBMUSER   ==> ________  ==> ________  ==> ________  ==> _________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> _________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> _________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> _________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> _________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> _________

                    Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

User Profiles	Indicate if you want user profile ownership reported on.
Group Profiles	Indicate if you want group profile ownership reported on.
Connect Profiles	Indicate if you want connect profile ownership reported on.
Dataset Profiles	Indicate if you want dataset profile ownership reported on.
General Resource Profiles	Indicate if you want general resource profile ownership reported on.
Expand	Indicate if you want group resource profiles expanded to show the members of those groups.
Summary	Indicate if you want a summary produced.
Userids or Groups	You must enter at least one userid or group to report on.

Report JCL

```
//AACTLCDS DD  *
INCLUDE=USER
INCLUDE=GROUP
INCLUDE=CONNECT
INCLUDE=DATASET
INCLUDE=RESOURCE,EXPAND
SUMMARY
//*
//AASYSIN  DD  *
IBMUSER
//*
```

Control Cards

USERID or GROUP (variable) Specify at least one user or group to report on. Each user or group must be on a separate line starting in column 1.

EXPAND-MEMBERS Specify this parm to expand member resources of grouping class profiles; for example to include a list of CICS transactions in your report.

INCLUDE Specify this parm to indicate what resources to include in the report.

INCLUDE=USER Includes User profile information.

INCLUDE=CONNECT Includes Connect profile information.

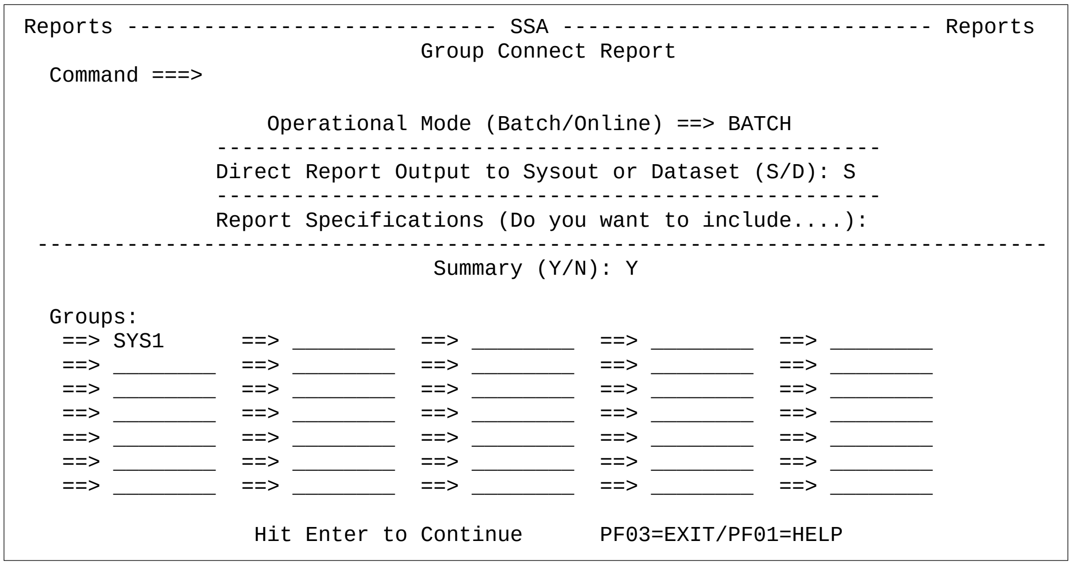
INCLUDE=RESOURCE Includes Resource profile information.

INCLUDE=GROUP Includes Group profile information.

INCLUDE=DATASET Includes Dataset profile information.

Group Connect Report

Provides a detailed report on all users connected to particular groups.



```
Reports ---------------------------- SSA ---------------------------- Reports
                              Group Connect Report
  Command ===>

                    Operational Mode (Batch/Online) ==> BATCH
                ----------------------------------------------------
                Direct Report Output to Sysout or Dataset (S/D): S
                ----------------------------------------------------
                Report Specifications (Do you want to include....):
 -------------------------------------------------------------------------------
                               Summary (Y/N): Y

  Groups:
   ==> SYS1      ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________

                   Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

Summary — Indicate if you want a summary produced.

Groups — You must specify at least one group to report on.

Report JCL

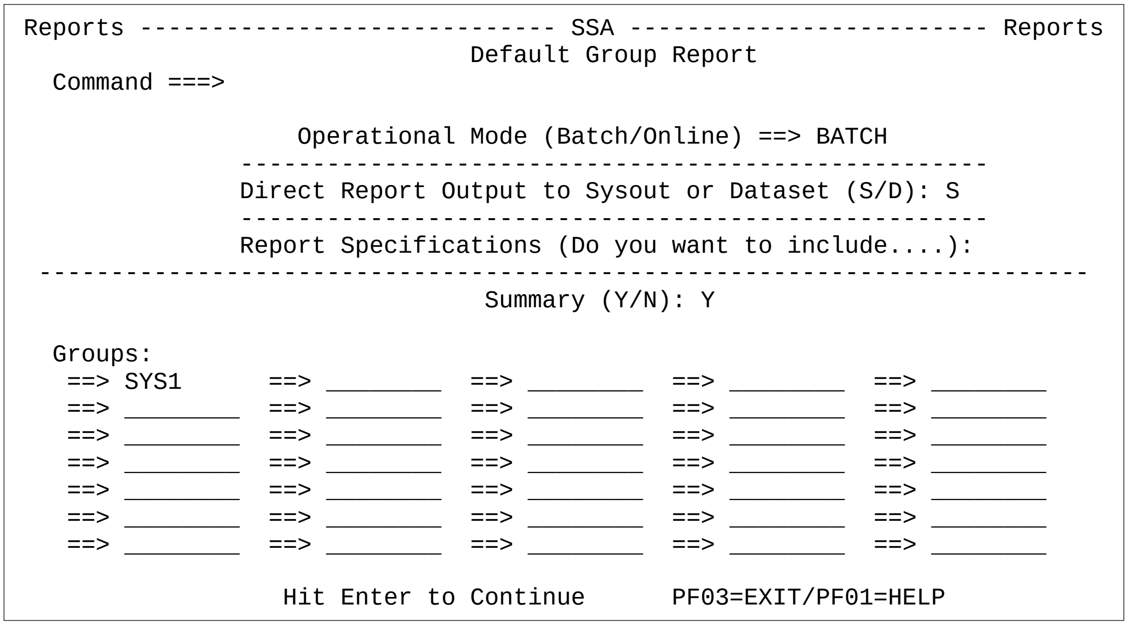
```
//AACTLCDS DD  *
SUMMARY
//*
//AASYSIN  DD  *
SYS1
//*
```

Control Cards

GROUP (variable) — Specify at least one group to report on. Each group must be on a separate line starting in column 1.

Default Group Report

Provides a detailed report on all users having a particular default group.



```
Reports ---------------------------- SSA ------------------------ Reports
                               Default Group Report
  Command ===>

                   Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S
               ----------------------------------------------------
               Report Specifications (Do you want to include....):
 -------------------------------------------------------------------------
                                Summary (Y/N): Y

  Groups:
   ==> SYS1      ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

Summary — Indicate if you want a summary produced.

Groups — You must enter at least one group to report on.

Report JCL

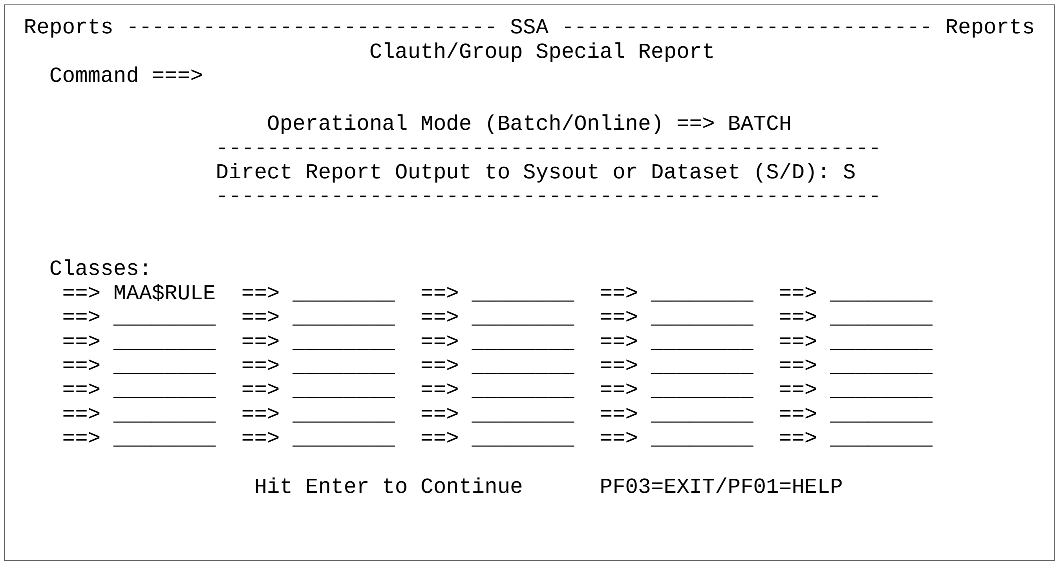
```
//AACTLCDS DD  *
SUMMARY
//*
//AASYSIN  DD  *
SYS1
//*
```

Control Cards

GROUP (variable) — Specify at least one group to report on. Each group must be on a separate line starting in column 1.

Clauth/Group Special Report

Provides a detailed report showing users who have CLAUTH authority to a particular class and group special.



```
Reports ----------------------------- SSA ----------------------------- Reports
                          Clauth/Group Special Report
  Command ===>

                  Operational Mode (Batch/Online) ==> BATCH
              ---------------------------------------------------
              Direct Report Output to Sysout or Dataset (S/D): S
              ---------------------------------------------------


  Classes:
   ==> MAA$RULE  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________

                   Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

Classes	You must enter at least one general resource class to report on.

Report JCL

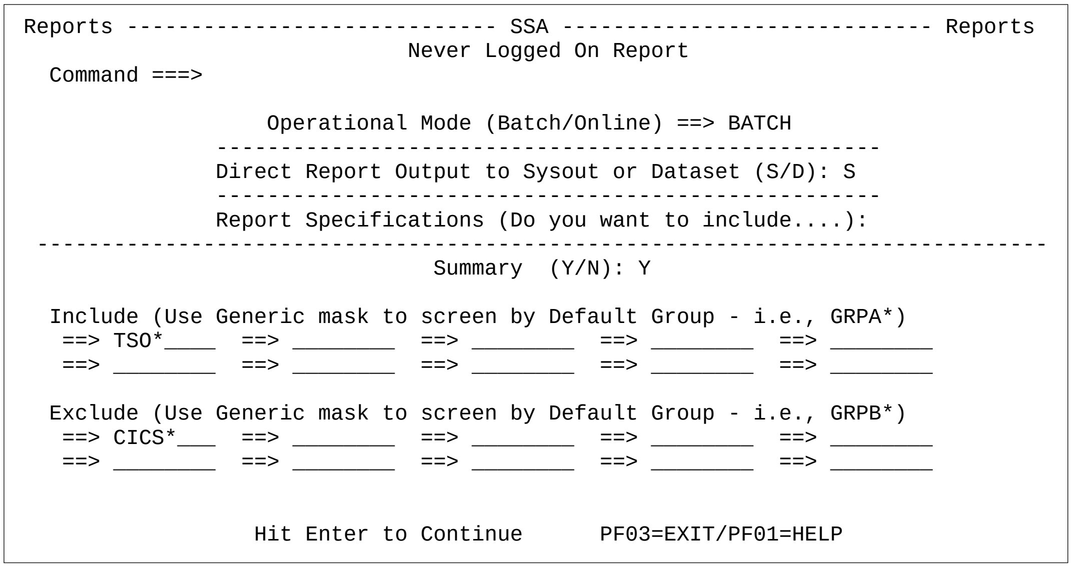
```
//AACTLCDS DD  *
SUMMARY
//*
//AASYSIN  DD  *
CLASS=MAA$RULE
//*
```

Control Cards

CLASSES	Specify at least one general resource class to report on.

Never Logged On Report

Provides a detailed report showing Userids that have never logged on.



```
Reports ---------------------------- SSA ---------------------------- Reports
                              Never Logged On Report
  Command ===>

                   Operational Mode (Batch/Online) ==> BATCH
               ---------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S
               ---------------------------------------------------
               Report Specifications (Do you want to include....):
 -------------------------------------------------------------------------------
                                Summary  (Y/N): Y

  Include (Use Generic mask to screen by Default Group - i.e., GRPA*)
   ==> TSO*____   ==> ________   ==> ________   ==> ________   ==> ________
   ==> ________   ==> ________   ==> ________   ==> ________   ==> ________

  Exclude (Use Generic mask to screen by Default Group - i.e., GRPB*)
   ==> CICS*___   ==> ________   ==> ________   ==> ________   ==> ________
   ==> ________   ==> ________   ==> ________   ==> ________   ==> ________


                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

Summary	Indicate if you want a summary produced.
Include	Specify a mask to indicate by default group which userids you want included in the report. See control cards section for a more detailed explanation.
Exclude	Specify a mask to indicate by default group which userids you want excluded in the report. See control cards section for a more etailed explanation.

Note: You do not have to put any include or exclude masks if you want all userids to appear in the report.

Report JCL

```
//AACTLCDS DD  *
INCLUDE=TSO*
EXCLUDE=CICS*
SUMMARY
//*
//AASYSIN  DD *
//*
```

Control Cards

INCLUDE: Specify a mask to screen the input records and determine what records are to be included. The value must be a generic mask with an "*" as the last character. The mask screens the input records according to default group. A maximum of 10 INCLUDE statements may be entered, however, you are not required to enter any include mask statements.

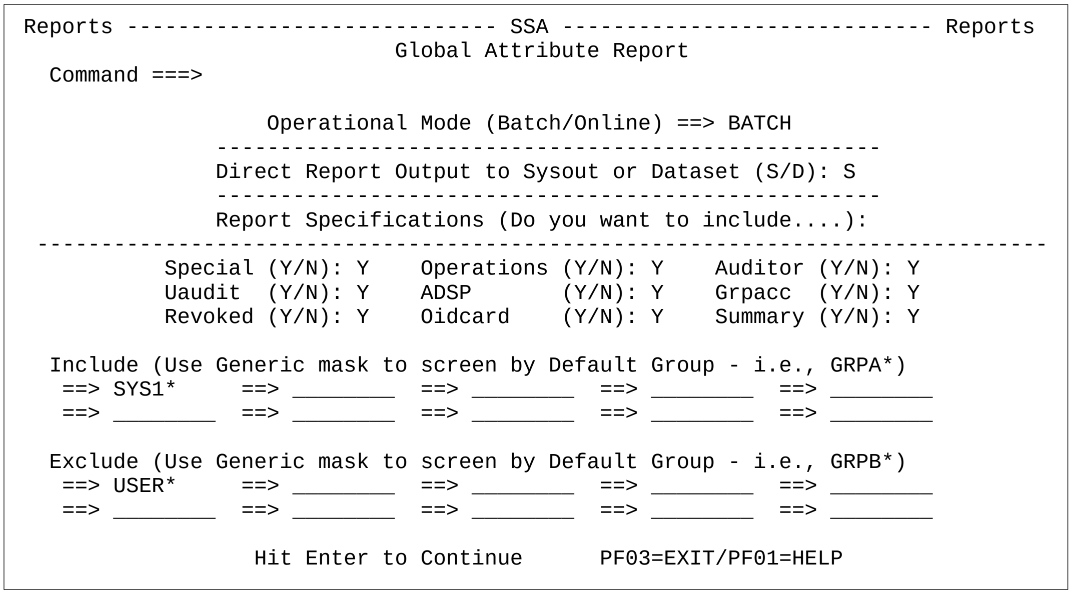
INCLUDE=TSO* Includes all Userids whose default group begins with TSOAD.

EXCLUDE: Specify a mask to screen the input records and determine what records are to be excluded. The value must be a generic mask with an "*" as the last character. The mask screens the input records according to default group. A maximum of 10 EXCLUDE statements may be entered.

EXCLUDE=CICS* Excludes all Userids whose default group begins with CICS.

Global Attribute Report

Provides a detailed report showing Userids that have global (user) attributes.



```
Reports ----------------------------- SSA ----------------------------- Reports
                             Global Attribute Report
  Command ===>

                    Operational Mode (Batch/Online) ==> BATCH
                ----------------------------------------------------
                Direct Report Output to Sysout or Dataset (S/D): S
                ----------------------------------------------------
                Report Specifications (Do you want to include....):
 -------------------------------------------------------------------------------
            Special (Y/N): Y    Operations (Y/N): Y    Auditor (Y/N): Y
            Uaudit  (Y/N): Y    ADSP       (Y/N): Y    Grpacc  (Y/N): Y
            Revoked (Y/N): Y    Oidcard    (Y/N): Y    Summary (Y/N): Y

  Include (Use Generic mask to screen by Default Group - i.e., GRPA*)
   ==> SYS1*     ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________

  Exclude (Use Generic mask to screen by Default Group - i.e., GRPB*)
   ==> USER*     ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________

                   Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

Special Indicate if you want users with global-special to be reported on.

Operations Indicate if you want users with global-operations to be reported on.

Auditor Indicate if you want users with global-auditor to be reported on.

Uaudit Indicate if you want users with global-uaudit to be reported on.

ADSP Indicate if you want users with global-adsp to be reported on.

GRPACC Indicate if you want users with global-grpacc to be reported on.

Revoked Indicate if you want users with global-revoke to be reported on.

Oidcard Indicate if you want users with global-oidcard to be reported on.

Summary Indicate if you want a summary produced.

Include Specify a mask to indicate by default group which userids you want included in the report. See control cards section for a more detailed explanation.

Exclude Specify a mask to indicate by default group which userids you want excluded in the report. See control cards section for a more detailed explanation.

Note: You do not have to put any include or exclude masks if you want all userids to appear in the report.

Report JCL

```
//AACTLCDS DD  *
SPECIAL
OPERATIONS
AUDITOR
REVOKED
OIDCARD
UAUDIT
ADSP
GRPACC
INCLUDE=TSO*
EXCLUDE=CICS*
SUMMARY
//*
//AASYSIN  DD  *
//*
```

Control Cards

ATTRIBUTES — Specify one or more of the following attributes to include in the report. If no attributes are selected, then all attributes appear in the report.

SPECIAL — Include all Userids with user SPECIAL attribute

OPERATIONS — Include all Userids with user OPERATIONS attribute

UAUDIT — Include all Userids with user UAUDIT attribute

AUDITOR — Include all Userids with user AUDITOR attribute

ADSP — Include all Userids with user ADSP attribute

OIDCARD — Include all Userids with user OIDCARD attribute

GRPACC — Include all Userids with user GRPACC attribute

REVOKED — Include all Userids with user REVOKED attribute

OIDCARD — Include all Userids with user OIDCARD attribute

INCLUDE — Specify a mask to determine what records are to be included. The value must be a generic mask with an "*" as the last character. The mask screens the input records according to default group. A maximum of 10 INCLUDE statements may be entered, however, you are not required to enter any include mask statements.

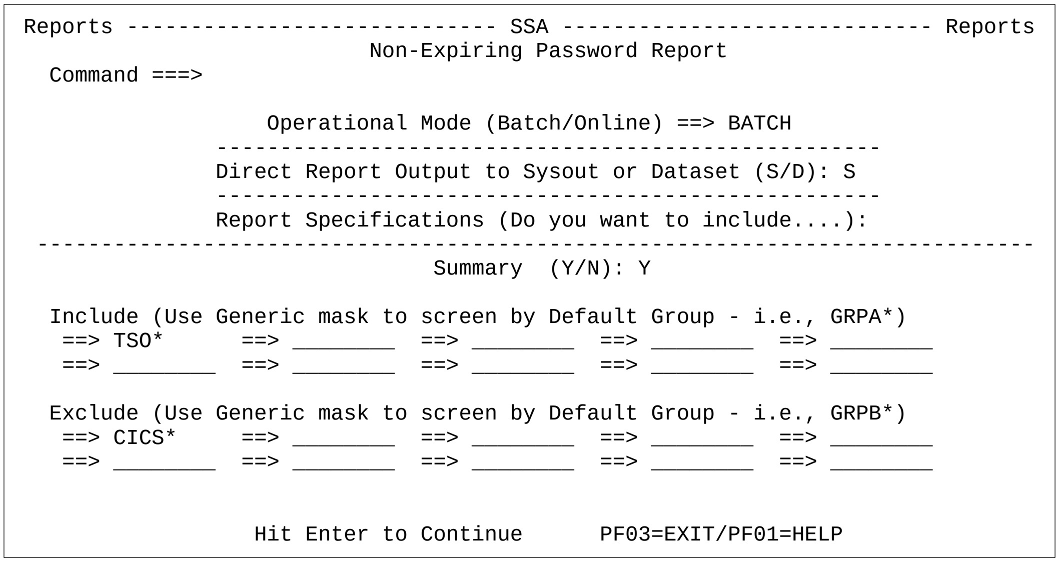
INCLUDE=TSO* — Includes all Userids whose default group begins with TSOAD.

EXCLUDE — Specify a mask to determine what records are to be excluded. The value must be a generic mask with an "*" as the last character. The mask screens the input records according to default group. A maximum of 10 EXCLUDE statements may be entered.

EXCLUDE=CICS* — Excludes all Userids whose default group begins with CICS.

Non-Expiring Password Report

Provides a detailed report showing Userids that have non-expiring passwords.



```
Reports ----------------------------- SSA ----------------------------- Reports
                           Non-Expiring Password Report
  Command ===>

                   Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S
               ----------------------------------------------------
               Report Specifications (Do you want to include....):
 ------------------------------------------------------------------------------
                                Summary  (Y/N): Y

  Include (Use Generic mask to screen by Default Group - i.e., GRPA*)
   ==> TSO*      ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________

  Exclude (Use Generic mask to screen by Default Group - i.e., GRPB*)
   ==> CICS*     ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________


                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

Summary — Indicate if you want a summary produced.

Include — Specify a mask to indicate by default group which userids you want included in the report. See control cards section for a more detailed explanation.

Exclude — Specify a mask to indicate by default group which userids you want excluded in the report. See control cards section for a more detailed explanation.

Note: You do not have to put any include or exclude masks if you want all userids to be reported on.

Report JCL

```
//AACTLCDS DD  *
INCLUDE=TSO*
EXCLUDE=CICS*
SUMMARY
//*
//AASYSIN  DD  *
//*
```

Control Cards

INCLUDE — Specify a mask to screen the input records and determine what records are to be included. The value must be a generic mask with an "*" as the last character. The mask screens the input records according to default group. A maximum of 10 INCLUDE statements may be entered, however, you are not required to enter any include mask statements.

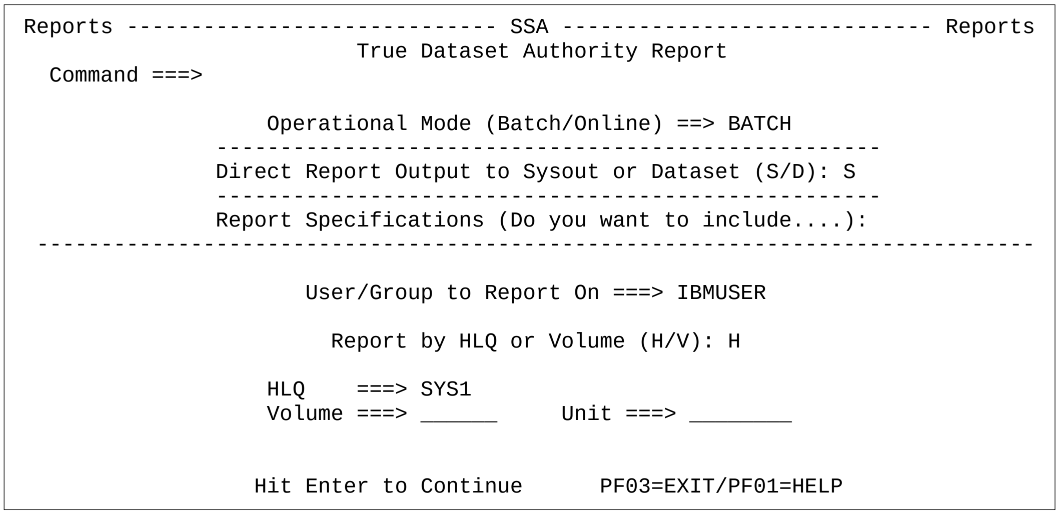
INCLUDE=TSO* — Includes all Userids whose default group begins with TSOAD.

EXCLUDE — Specify a mask to screen the input records and determine what records are to be excluded. The value must be a generic mask with an "*" as the last character. The mask screens the input records according to default group. A maximum of 10 EXCLUDE statements may be entered.

EXCLUDE=CICS* — Excludes all Userids whose default group begins with CICS.

True Dataset Authority Report

Provides a detailed report showing users or groups tested authority to datasets by either HLQ or volume.



```
Reports ---------------------------- SSA ---------------------------- Reports
                          True Dataset Authority Report
  Command ===>

                   Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S
               ----------------------------------------------------
               Report Specifications (Do you want to include....):
 ------------------------------------------------------------------------------

                      User/Group to Report On ===> IBMUSER

                        Report by HLQ or Volume (H/V): H

                   HLQ    ===> SYS1
                   Volume ===> ______     Unit ===> ________


                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

User/Group to Report On
Enter a userid or group whose authority you want analyzed.

Report by HLQ or Volume
Enter “H” if you want to look for datasets by their HLQ or “V” if you want all datasets on a volume analyzed.

HLQ
If you chose the HLQ option, you must enter a HLQ.

Volume
If you chose the volume option , you must enter a volume.

Unit
The valid unit reference for the volume must be entered if you chose the volume option.

Report JCL

Report 11 (True Dataset Authority Report) uses JCL that is distinct from the other reporting programs. Below is a sample of that JCL:

```
//* JOB FUNCTION: TRUE_DATASET_AUTHORITY_REPORT
//*
//STEP010  EXEC PGM=AAREP011
//STEPLIB  DD  DISP=SHR,
//             DSN=SSA.LOADLIB
//SYSIN    DD  DSN=&TEMP01,DISP=(,PASS),
//             UNIT=SYSDA,
//             SPACE=(CYL,(5,5),RLSE),
//             DCB=(RECFM=FB,LRECL=80,BLKSIZE=7440)
//SYSPRINT DD  DSN=&TEMP02,DISP=(,PASS),
//             UNIT=SYSDA,
//             SPACE=(CYL,(5,5),RLSE)
//AAREPORT DD  SYSOUT=*,
//             DCB=(RECFM=FBA,LRECL=133)
//AACTLCDS DD  *
SUMMARY
LINES-PER-PAGE=55
//*
//AASYSIN  DD  *
USER=IBMUSER
TYPE=H
HLQ=SYS1
//*
```

Note: The control cards for Report 11 are entered under DD AASYSIN instead of AACTLCDS.

Control Cards (Entered under AASYSIN DD)

USER
Enter a user or group whose authority you want analyzed. You can only enter one user/group to be analyzed and the entry must be valid; its validity is checked against the live database not the SSA ISPF tables.

TYPE
Enter “H” for dataset searching by HLQ (High Level Qualifier) or “V” for dataset searching based on a volume. You can only enter on HLQ or volume. If the HLQ or volume does not exist, your report will be empty.

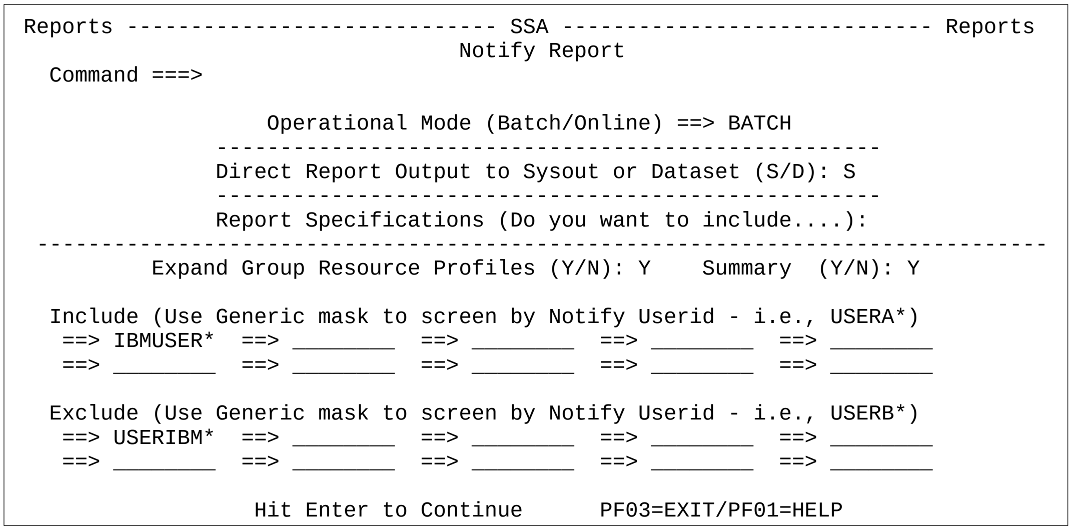
HLQ
Enter a valid HLQ if you chose the HLQ option.

VOLUME
Enter a valid volume if you chose the volume option.

UNIT
If you chose the volume option, you must enter the unit for thevolume. The unit can be the esoteric generic unit name (i.e., SYSDA) or it can be the physical unit name (i.e., 3380). If you specify the volume and not the unit, the job will fail.

Notify Report

Provides a detailed report of notifies specified on resource profiles.



```
Reports ---------------------------- SSA ---------------------------- Reports
                                  Notify Report
  Command ===>

                   Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S
               ----------------------------------------------------
               Report Specifications (Do you want to include....):
 -------------------------------------------------------------------------------
          Expand Group Resource Profiles (Y/N): Y    Summary  (Y/N): Y

  Include (Use Generic mask to screen by Notify Userid - i.e., USERA*)
   ==> IBMUSER*  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________

  Exclude (Use Generic mask to screen by Notify Userid - i.e., USERB*)
   ==> USERIBM*  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

Expand Group Resource Profiles — Indicate if you want group resource profiles expanded to show the members of those groups.

Summary — Indicate if you want a summary produced.

Include — Specify a mask to indicate by notify userid which profiles you want included in the report. See control cards section for a more detailed explanation.

Exclude — Specify a mask to indicate by notify userid which profiles you want excluded in the report. See control cards section for a more detailed explanation.

Note: You do not have to put any include or exclude masks if you want all profiles with notifies to be reported on.

Report JCL

```
//AACTLCDS DD  *
EXPAND-MEMBERS
INCLUDE=IBMUSER*
EXCLUDE=USERIBM*
SUMMARY
//*
//AASYSIN  DD  *
//*
```

Control Cards

INCLUDE
Specify a mask to screen the input records and determine what records are to be included. The value must be a generic mask with an "*" as the last character. The mask screens the input records according to the notify userid entry. A maximum of 10 INCLUDE statements may be entered, however, you are not required to enter any include mask statements.

INCLUDE=IBMUSER*
Includes all profiles whose notify userid begins with USERA.

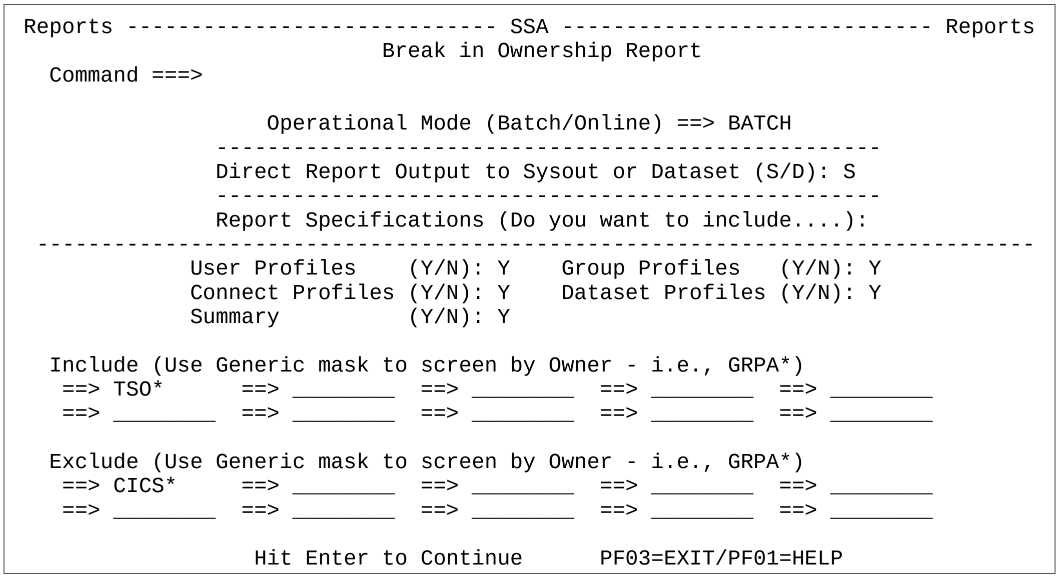
EXCLUDE
Specify a mask to screen the input records and determine what records are to be excluded. The value must be a generic mask with an "*" as the last character. The mask screens the input records according to notify userid entry. A maximum of 10 EXCLUDE statements may be entered.

EXCLUDE=USERIBM*
Excludes all profiles whose notify userid begins with USERB.

EXPAND-MEMBERS
Specify this parm if you want group general resource profiles with members expanded to show all members under those profiles; for example to include CICS transactions that are grouped together.

Break in Ownership Report

Provides a detailed report showing RACF profiles that have breaks in ownership.



```
Reports ----------------------------- SSA ----------------------------- Reports
                            Break in Ownership Report
  Command ===>

                   Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S
               ----------------------------------------------------
               Report Specifications (Do you want to include....):
 ------------------------------------------------------------------------------
             User Profiles    (Y/N): Y    Group Profiles   (Y/N): Y
             Connect Profiles (Y/N): Y    Dataset Profiles (Y/N): Y
             Summary          (Y/N): Y

  Include (Use Generic mask to screen by Owner - i.e., GRPA*)
   ==> TSO*      ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________

  Exclude (Use Generic mask to screen by Owner - i.e., GRPA*)
   ==> CICS*     ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

User Profiles	Indicate if you want user profiles to be analyzed. A break in ownership is indicated by the default group not matching the profile owner.
Group Profiles	Indicate if you want group profiles to be analyzed. A break in ownership is indicated by the superior group not matching the profile owner.
Connect Profiles	Indicate if you want connect profiles to be analyzed. A break in ownership is indicated by the connect group not matching the connect owner.
Dataset Profiles	Indicate if you want dataset profiles to be analyzed. A break in ownership is indicted by the HLQ not matching the profile owner.
Summary	Indicate if you want a summary produced.
Include	Specify a mask to indicate by owner which profiles you want included in the report. See control cards section for a more detailed explanation.
Exclude	Specify a mask to indicate by owner which profiles you want excluded in the report. See control cards section for a more detailed explanation.

NOTE: You do not have to put any include or exclude masks if you want all profiles to be reported on.

Report JCL

```
//AACTLCDS DD  *
USER
GROUP
CONNECT
DATASET
INCLUDE=TSO*
EXCLUDE=CICS*
SUMMARY
//*
//AASYSIN  DD  *
//*
```

Control Cards

PROFILE TYPE: Specify one or more of the following parms to include that type of profile in the report. If a specific profile type is not selected then all types will be reported on.

USER To include all USER profiles

DATASET To include all DATASET profiles

CONNECT To include all CONNECT profiles

GROUP To include all GROUP profiles

INCLUDE Specify a mask to screen the input records and determine what records are to be included. The value must be a generic mask with an "*" as the last character. The mask screens the input records according to owner. A maximum of 10 INCLUDE statements may be entered, however, you are not required to enter any include mask statements.

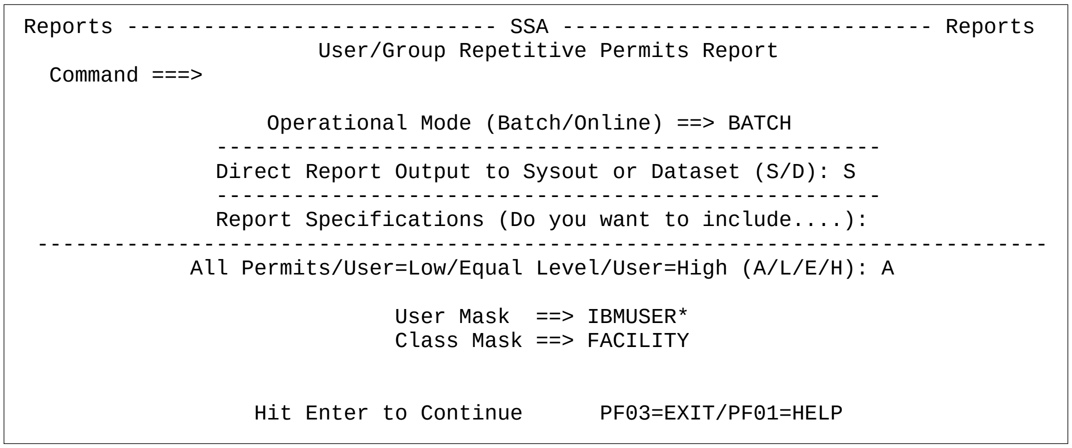
INCLUDE=TSO* Includes all profiles whose owner begins with TSO.

EXCLUDE Specify a mask to screen the input records and determine what records are to be excluded. The value must be a generic mask with an "*" as the last character. The mask screens the input records according to owner. A maximum of 10 EXCLUDE statements may be entered.

EXCLUDE=CICS* Excludes all profiles whose owner begins with CICS.

User/Group Repetitive Permits Report

Report showing repetitive permits for users and their connect group permits.



```
Reports ---------------------------- SSA ---------------------------- Reports
                       User/Group Repetitive Permits Report
  Command ===>

                   Operational Mode (Batch/Online) ==> BATCH
               ---------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S
               ---------------------------------------------------
               Report Specifications (Do you want to include....):
 -------------------------------------------------------------------------------
             All Permits/User=Low/Equal Level/User=High (A/L/E/H): A

                             User Mask  ==> IBMUSER*
                             Class Mask ==> FACILITY


                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

All Permits/
User=Low/
Equal Level/
User=High

Enter “A” if you want all permits analyzed, “L” if you want permits where the users access level is lower than the connect group in question, “E” if you want permits of equal access levels, or “H” if you want permits where the users access level is higher than the connect group in question. User Mask Enter a mask indicating which userids you want analyzed. The entry can be a specific userid or use * to report on all userids. Class Mask Enter a mask indicating which classes you want analyzed. The entry can be a specific general resource class or use * to report on all classes.

Report JCL

```
//AACTLCDS DD  *
SUMMARY
//*
//AASYSIN  DD  *
COND=ALL
USER=IBMUSER*
CLASS=FACILITY
//*
```

Note: The control cards for Report 14 are entered under DD AASYSIN instead of AACTLCDS.

Control Cards (Entered under DD AASYSIN)

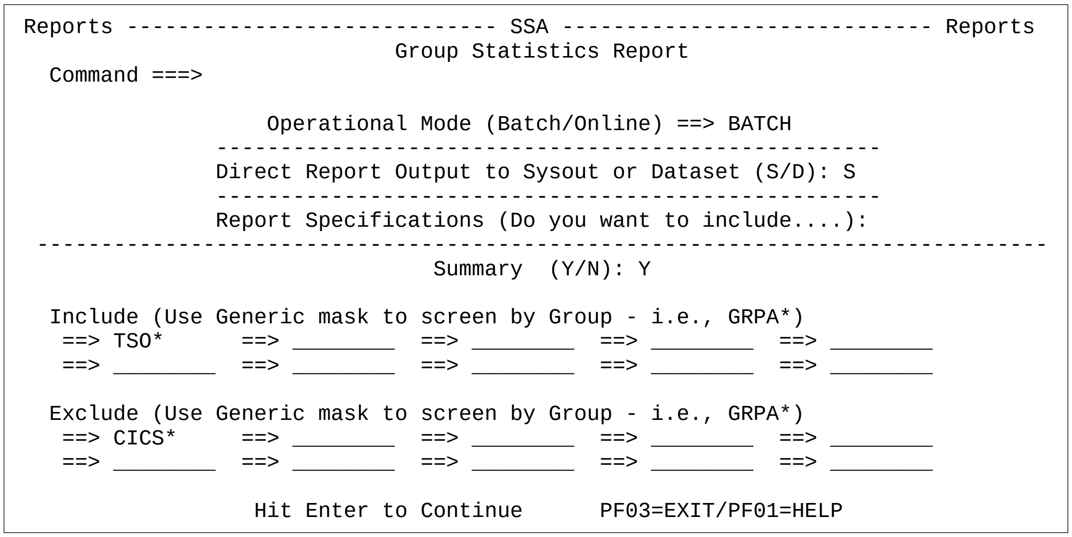
COND — Enter “ALL” if you want all permits analyzed, LOW if you want permits where the users access level is lower than the connect group in question, EQUAL if you want permits of equal access levels, or HIGH if you want permits where the users access level is higher than the connect group in question. The default is ALL.

USER — Enter a mask for the userids you want analyzed. The default is “*” for all users.

CLASS — Enter a mask for the classes you want analyzed. The default is DATASET, however, if you enter anything else except dataset explicitly, only general resource classes will be loaded and searched. For example, if you entered DATA*, only general resource classes starting with DATA would be included in the report, DATASET however, would not.

Group Statistics Report

Provides a detailed statistical report of the occurrences of RACF groups.



```
Reports ---------------------------- SSA ---------------------------- Reports
                             Group Statistics Report
  Command ===>

                   Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S
               ----------------------------------------------------
               Report Specifications (Do you want to include....):
 ------------------------------------------------------------------------------
                                Summary  (Y/N): Y

  Include (Use Generic mask to screen by Group - i.e., GRPA*)
   ==> TSO*      ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________

  Exclude (Use Generic mask to screen by Group - i.e., GRPA*)
   ==> CICS*     ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________

                    Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

Summary	Indicate if you want a summary produced.
Include	Specify a mask to indicate by group which profiles you want included in the report. See control cards section for a more detailed explanation.
Exclude	Specify a mask to indicate by group which profiles you want excluded in the report. See control cards section for a more detailed explanation.

Note: You do not have to put any include or exclude masks if you want all groups to be reported on.

Report JCL

```
//AACTLCDS DD  *
INCLUDE=TSO*
EXCLUDE=CICS*
SUMMARY
//*
//AASYSIN  DD  *
//*
```

Control Cards

INCLUDE — Specify a mask to screen the input records and determine what records are included in the report. The value must be a generic mask with an "*" as the last character. The mask screens the input records according to group. A maximum of 10 INCLUDE statements may be entered, however, you are not required to enter any include mask statements.

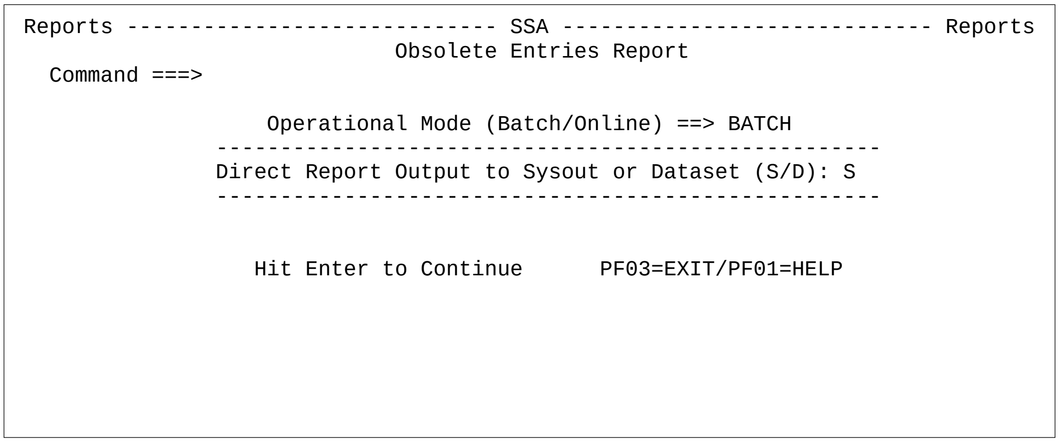
INCLUDE=TSO* — Includes all groups beginning with TSO.

EXCLUDE — Specify a mask to screen the input records and determine what records are to be excluded. The value must be a generic mask with an "*" as the last character. The mask screens the input records according to group. A maximum of 10 EXCLUDE statements may be entered.

EXCLUDE=CICS* — Excludes all groups beginning with CICS.

Obsolete Entries Report

Provides a detailed statistical report of the occurrences of RACF groups.



```
Reports ---------------------------- SSA ---------------------------- Reports
                             Obsolete Entries Report
  Command ===>

                     Operational Mode (Batch/Online) ==> BATCH
                 ----------------------------------------------------
                 Direct Report Output to Sysout or Dataset (S/D): S
                 ----------------------------------------------------


                    Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

All obsolete entries are included in the report. Those entries are:

- Permits for Dataset and General Resource profiles
- Ownership of users, groups, connects, dataset profiles and general resource profiles
- Notifies on dataset and general resource profiles
- Entries in the SURROGAT class
- Entries in the GLOBAL class - SURROGAT profile
- Entries in the GLOBAL class - DATASET profile (based on HLQ)
- PROGRAM class datasets (based on HLQ)
- STDATA segment - users
- STDATA segment - group

Report JCL

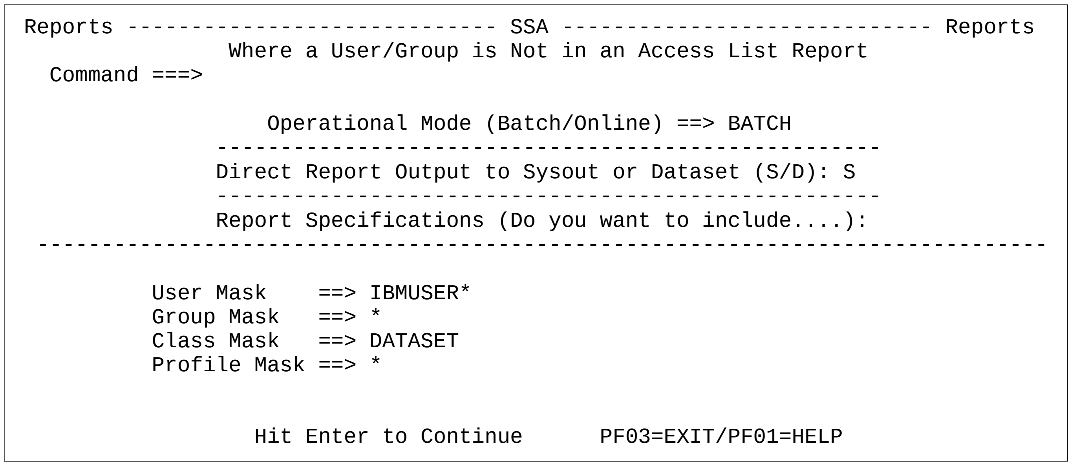
```
//AACTLCDS DD  *
SUMMARY
//*
//AASYSIN  DD  *
//*
```

Control Cards

N/A

Where a User/Group is Not in an Access List Report

Report shows where a user or group is not specifically in an access list.



```
Reports ----------------------------- SSA ----------------------------- Reports
                Where a User/Group is Not in an Access List Report
  Command ===>

                   Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S
               ----------------------------------------------------
               Report Specifications (Do you want to include....):
 -------------------------------------------------------------------------------

         User Mask    ==> IBMUSER*
         Group Mask   ==> *
         Class Mask   ==> DATASET
         Profile Mask ==> *


                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

User Mask — Enter a mask indicating which userids you want analyzed.

Group Mask — Enter a mask indicating which groups you want analyzed.

Class Mask — Enter a mask indicating which classes you want analyzed.

Profile Mask — Enter a mask indicating which profiles within the classes you chose you want analyzed.

Report JCL

```
//AACTLCDS DD  *
SUMMARY
//*
//AASYSIN  DD  *
USER=IBMUSER*
GROUP=*
CLASS=DATASET
PROFILE=*
//*
```

Note: The control cards for Report 17 are entered under DD AASYSIN instead of AACTLCDS.

Control Cards (Entered under DD AASYSIN)

USER Enter a mask for the userids you want analyzed. The default is “*” for all users.

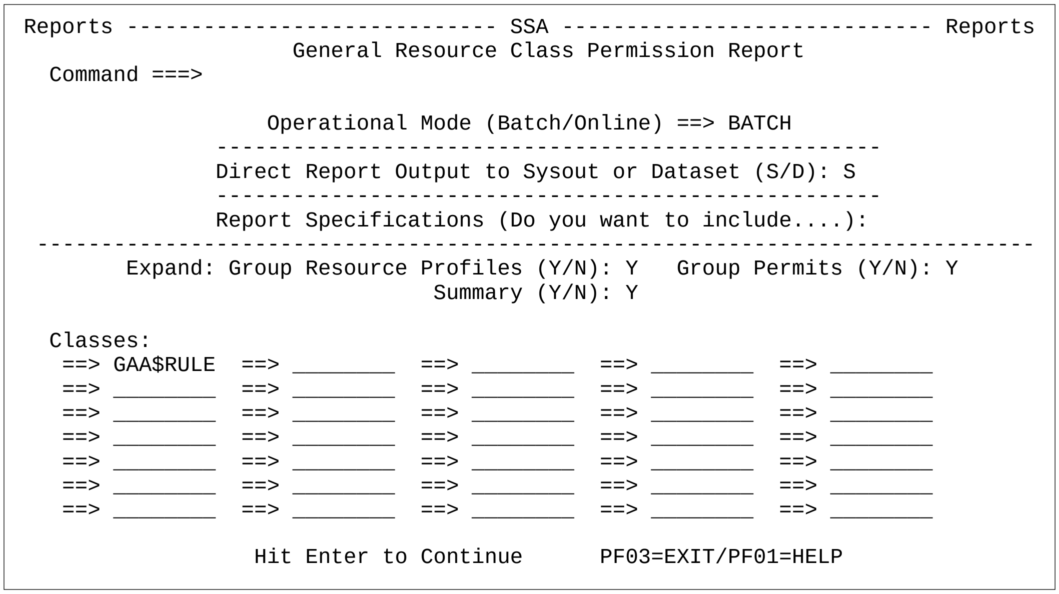
GROUP Enter a mask for the groups you want analyzed. The default is “*” for all groups.

CLASS Enter a mask for the classes you want analyzed. The default is DATASET, however, if you enter anything else except dataset explicitly, only general resource classes will be loaded and searched. For example, if you entered DATA*, only general resource classes starting with DATA would be included in the report, DATASET however, would not.

PROFILE Enter a mask for the profiles within the classes you have chosen that you want analyzed. The default is “*” for all profiles.

General Resource Class Permission Report

Provides a detailed listing by general resource class of all permissions.



```
Reports ----------------------------- SSA ----------------------------- Reports
                    General Resource Class Permission Report
  Command ===>

                  Operational Mode (Batch/Online) ==> BATCH
              ----------------------------------------------------
              Direct Report Output to Sysout or Dataset (S/D): S
              ----------------------------------------------------
              Report Specifications (Do you want to include....):
 ------------------------------------------------------------------------------
       Expand: Group Resource Profiles (Y/N): Y   Group Permits (Y/N): Y
                              Summary (Y/N): Y

  Classes:
   ==> GAA$RULE  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________

                 Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

Expand Group Resource Profiles
Indicate if you want members displayed for all group general resource profiles reported on.

Expand Group Permits
Indicate if you want group permits expanded to show all users connected to that particular group.

Summary
Indicate if you want a summary produced.

Classes
You must enter at least one general resource class to report on. USER, GROUP, CONNECT and DATASET are not valid general resource classes.

Report JCL

```
//AACTLCDS DD  *
SUMMARY
EXPAND-GROUPS
EXPAND-MEMBERS
//*
//AASYSIN  DD  *
GAA$RULE
//*
```

Control Cards

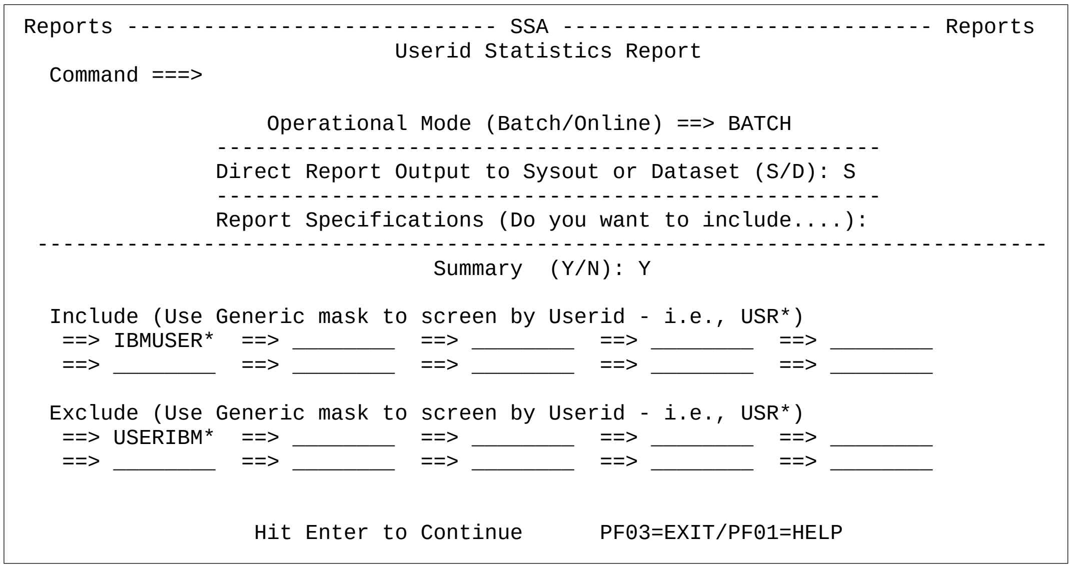
EXPAND-MEMBERS Specify this parm to expand member resources of grouping class profiles.

EXPAND-GROUPS Specify this parm to expand group permissions showing all users connected to that particular group.

CLASSES (variable) Specify at least one general resource class to report on. Each class must be on a separate line starting in column 1.

Userid Statistics Report

Provides a detailed statistical report of the occurrences of RACF userids.



```
Reports ----------------------------- SSA ----------------------------- Reports
                             Userid Statistics Report
  Command ===>

                   Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S
               ----------------------------------------------------
               Report Specifications (Do you want to include....):
 -------------------------------------------------------------------------------
                                Summary  (Y/N): Y

  Include (Use Generic mask to screen by Userid - i.e., USR*)
   ==> IBMUSER*  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________

  Exclude (Use Generic mask to screen by Userid - i.e., USR*)
   ==> USERIBM*  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________


                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

Summary	Indicate if you want a summary produced.
Include	Specify a mask to indicate by userid whom you want included in the report. See control cards section for a more detailed explanation.
Exclude	Specify a mask to indicate by userid whom you want excluded in the report. See control cards section for a more detailed explanation.

Note: You do not have to put any include or exclude masks if you want all userids to be reported on.

Report JCL

```
//AACTLCDS DD  *
INCLUDE=IBMUSER*
EXCLUDE=USERIBM*
SUMMARY
//*
//AASYSIN  DD  *
//*
```

Control Cards

INCLUDE — Specify a mask to screen the input records and determine what records are to be included. The value must be a generic mask with an "*" as the last character. The mask screens the input records according to userid. A maximum of 10 INCLUDE statements may be entered, however, you are not required to enter any include mask statements.

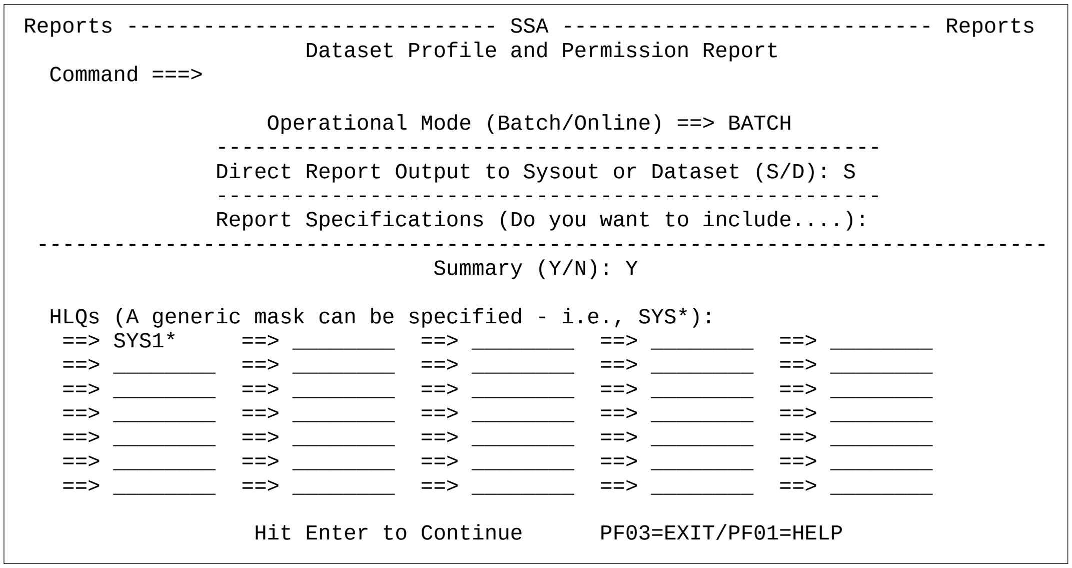
INCLUDE=IBMUSER* — Includes all userids beginning with IBMUSER.

EXCLUDE — Specify a mask to screen the input records and determine what records are to be excluded. The value must be a generic mask with an "*" as the last character. The mask screens the input records according to userid. A maximum of 10 EXCLUDE statements may be entered.

EXCLUDE=USERIBM* Excludes all userids beginning with USERIBM.

Dataset Profile and Permission Report

Provides a detailed report of dataset profiles and any permissions they have by High Level Qualifier.



```
Reports ----------------------------- SSA ----------------------------- Reports
                      Dataset Profile and Permission Report
  Command ===>

                   Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S
               ----------------------------------------------------
               Report Specifications (Do you want to include....):
 -------------------------------------------------------------------------------
                                Summary (Y/N): Y

  HLQs (A generic mask can be specified - i.e., SYS*):
   ==> SYS1*     ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________
   ==> ________  ==> ________  ==> ________  ==> ________  ==> ________

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

Summary — Indicate if you want a summary produced.

HLQs — You must enter at least one HLQ. The entry can be a generic mask (i.e., all dataset profiles starting with SYS would be SYS*). It is also important to note that you can put a single asterisk as an entry; reporting will be done on all dataset profiles and any permissions they may have. However, specifying any kind of mask may cause the report process to run for a considerable amount of time.

Report JCL

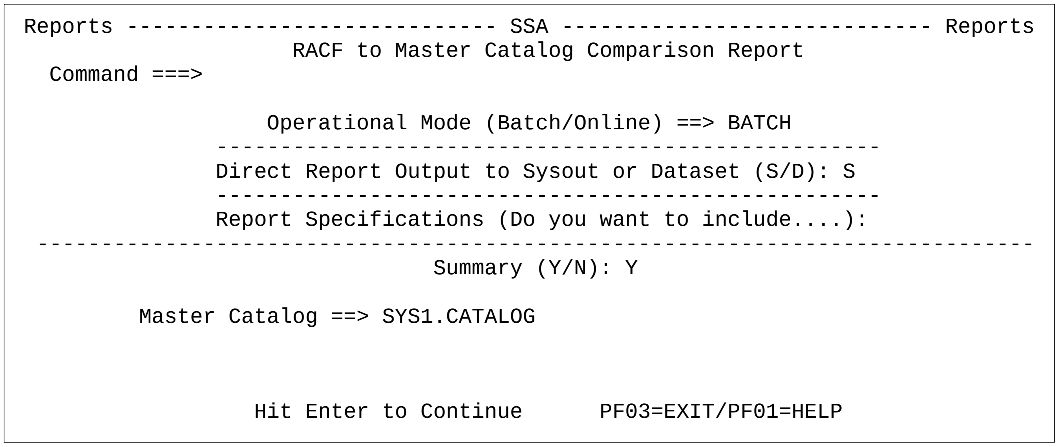
```
//AACTLCDS DD  *
SUMMARY
//*
//AASYSIN  DD  *
SYS1*
//*
```

Control Cards

HLQ (variable) Specify at least one HLQ to report on. Each HLQ must be on a separate line starting in column 1. The entry can be a mask to encompass more than 1 HLQ.

RACF to Master Catalog Comparison Report

Report shows where catalog entries are not protected by RACF profiles and RACF dataset profiles that are not protecting any cataloged datasets.



```
Reports ----------------------------- SSA ----------------------------- Reports
                     RACF to Master Catalog Comparison Report
  Command ===>

                   Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S
               ----------------------------------------------------
               Report Specifications (Do you want to include....):
 ------------------------------------------------------------------------------
                                Summary (Y/N): Y

        Master Catalog ==> SYS1.CATALOG



                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Report Data Selection

Summary — Indicate if you want a summary produced.

Master Catalog — Enter the master catalog you want analyzed. This must be entered and must be the master catalog on your system to insure the validity of the report. Also, it is equally important that the SSA stored RACF information is up to date with the master catalog being used.

Report JCL

Report 21 uses most of the standard report JCL shown on page 36. Below are the changes necessary for this report program to run successfully.

```
//SYSIN    DD  DSN=&TEMP01,DISP=(,PASS),
//             UNIT=SYSDA,
//             SPACE=(CYL,(5,5),RLSE),
//             DCB=(RECFM=FB,LRECL=80,BLKSIZE=7440)
//SYSPRINT DD  DSN=&TEMP02,DISP=(,PASS),
//             UNIT=SYSDA,
//             SPACE=(CYL,(5,5),RLSE)
//AASYSIN  DD  DSN=&TEMP03,DISP=(,PASS),
//             UNIT=SYSDA,
//             SPACE=(CYL,(5,5),RLSE),
//             DCB=(RECFM=FB,LRECL=80,BLKSIZE=7440)
//AAREPORT DD  SYSOUT=*,
//             DCB=(RECFM=FBA,LRECL=133)
//AACTLCDS DD  *
CATALOG=SYS1.CATALOG
SUMMARY
//*
```

Control Cards

CATALOG Enter the master catalog you want analyzed. Do not enter a user catalog, the results are unpredictable.

Chapter 4 Online Generic Searches

Generic searches provides a query facility to find information within your RACF database. You can search for specific RACF resources by fully qualifying your search arguments, or you can use wildcards to select a range of data that meets your filter criteria.

A generic search can be conducted in batch or online mode. In online mode, after a search is completed and the results are displayed, you can then use up to 30 additional SSA or RACF functions against the search results. In batch mode, you can use the standard report layout, or build a report filter that specifies the format of search results.

Generic Search Global Conventions

Security: Each Generic Search option invocation is protected in both online and batch mode. Security administrators can define a high-level profile to cover all Generic Search options, or more specific profiles to restrict certain options to selected users.

The following table lists each Generic Search, and the fully qualified RACF profile checked for authorized access. The default general resource class is MAA$RULE and the access required is READ.

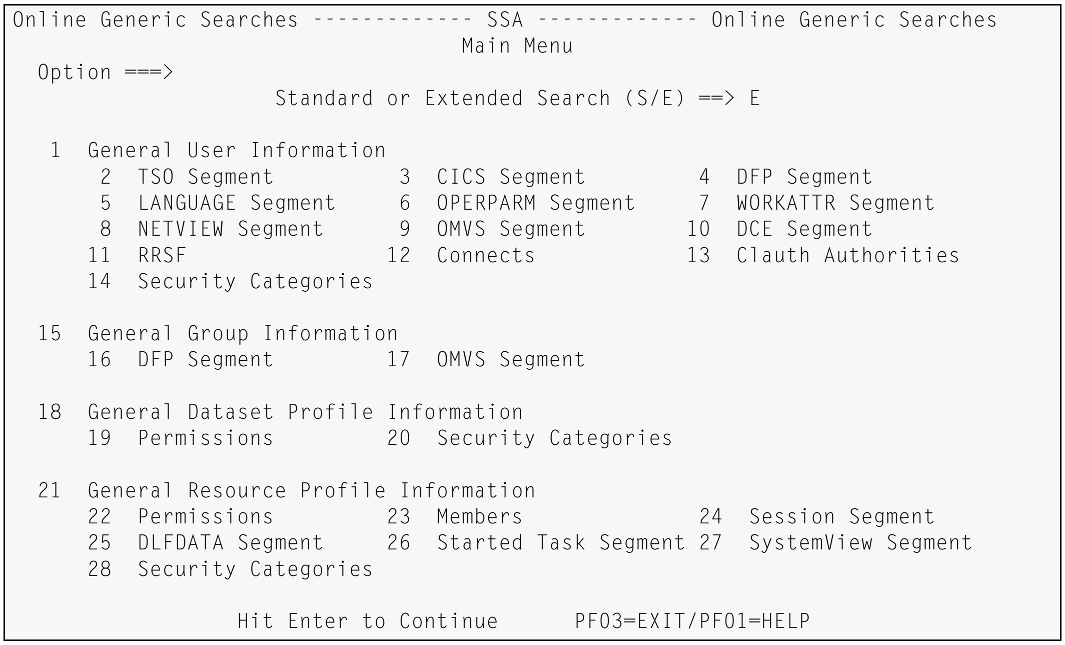
Online Generic Search Option	RACF Profile
General Userid	MEGASOLVE-SSA.ONLGEN.USER
Userid TSO Segment	MEGASOLVE-SSA.ONLGEN.USERTSO
Userid CICS Segment	MEGASOLVE-SSA.ONLGEN.USERCICS
Userid DFP Segment	MEGASOLVE-SSA.ONLGEN.USERDFP
Userid Language Segment	MEGASOLVE-SSA.ONLGEN.USERLANGUAGE
Userid OPERPARM Segment	MEGASOLVE-SSA.ONLGEN.USEROPERPARM
Userid WORKATTR Segment	MEGASOLVE-SSA.ONLGEN.USERWORKATTR
Userid NETVIEW Segment	MEGASOLVE-SSA.ONLGEN.USERNETVIEW
Userid OMVS Segment	MEGASOLVE-SSA.ONLGEN.USEROMVS
Userid DCE Segment	MEGASOLVE-SSA.ONLGEN.USERDCE
RRSF Associations	MEGASOLVE-SSA.ONLGEN.USERRRSF
Connects	MEGASOLVE-SSA.ONLGEN.USERCONNECTS
CLAUTH Authorities	MEGASOLVE-SSA.ONLGEN.USERCLAUTH
Userid Security Categories	MEGASOLVE-SSA.ONLGEN.USERSECCATS
General Group	MEGASOLVE-SSA.ONLGEN.GROUP
Group DFP Segment	MEGASOLVE-SSA.ONLGEN.GROUPDFP
Group OMVS Segment	MEGASOLVE-SSA.ONLGEN.GROUPOMVS
General Dataset	MEGASOLVE-SSA.ONLGEN.DATASET
Dataset Permissions	MEGASOLVE-SSA.ONLGEN.DATASETPERMS
Dataset Security Categories	MEGASOLVE-SSA.ONLGEN.DATASETSECCATS
General Resource	MEGASOLVE-SSA.ONLGEN.RSCE
General Resource Permissions	MEGASOLVE-SSA.ONLGEN.RSCEPERMS
General Resource Members	MEGASOLVE-SSA.ONLGEN.RSCEMEMBERS
General Resource Session Segment	MEGASOLVE-SSA.ONLGEN.RSCESESSION
General Resource DLFDATA Segment	MEGASOLVE-SSA.ONLGEN.RSCEDLF
General Resource STDATA Segment	MEGASOLVE-SSA.ONLGEN.RSCESTC
General Resource SystemView Segment	MEGASOLVE-SSA.ONLGEN.RSCESYSVIEW
General Resource Security Categories	MEGASOLVE-SSA.ONLGEN.RSCESECCATS

Security Details SSA Security for Online Generic Searches uses a proprietary protection scheme that allows the protection of ISPF panel options. Call for more information.

Using Online Generic Searches:

SSA has 28 search categories: everything from general userid information to general resource started task information. Below is the Online Generic Search main menu from which you must pick the information category you wish to explore and what type of search capability you wish to use.

Online Generic Search Main Menu:



```
Online Generic Searches ------------ SSA ------------ Online Generic Searches
                                   Main Menu
  Option ===>
                      Standard or Extended Search (S/E) ==> E

   1  General User Information
       2  TSO Segment          3  CICS Segment         4  DFP Segment
       5  LANGUAGE Segment     6  OPERPARM Segment     7  WORKATTR Segment
       8  NETVIEW Segment      9  OMVS Segment        10  DCE Segment
      11  RRSF                12  Connects            13  Clauth Authorities
      14  Security Categories

  15  General Group Information
      16  DFP Segment         17  OMVS Segment

  18  General Dataset Profile Information
      19  Permissions         20  Security Categories

  21  General Resource Profile Information
      22  Permissions         23  Members              24  Session Segment
      25  DLFDATA Segment     26  Started Task Segment 27  SystemView Segment
      28  Security Categories

                   Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Choose a Search Type:

Standard Search:

Standard Searching uses ISPF search capabilities to retrieve the information required. Character fields, like a userid, can contain either an explicit value or a masked value. The masking only uses the '*' and is a left to right search. For example:

Character Field Examples

- An example of an explicit value is to request a search that only displays the user USERBOB.

```
Userid          ==> USERBOB                 EQ
```

- An example of a masked value is to request a search that displays all userids that begin with CICS.

```
Userid          ==> CICS*                   EQ
```

Specific value character fields contain fixed values like ‘Y’, a date format, or an access level like READ. For example:

Specific Value Character Field Examples

- Display all users that have the global SPECIAL attribute.

```
Special (Y/N/*): Y
```

- Display all users that DO NOT have a TSO segment.

```
TSO      (Y/N/*): N
```

Character fields or data fields can be subjected to not only a mask but also logical operator fields. For example:

Logical Operator Fields

EQ	is equal to
NE	is not equal to
LT	is less than
GT	is greater than
LE	is less than or equal to
GE	is greater than or equal to

Extended Search:

Extended Searching uses a combination of ISPF search capabilities and SSA proprietary capabilities that enhance the standard search capabilities greatly. Character fields, like a userid, can contain either an explicit value or a masked value but DO NOT use a logical operator. The condition is always equal. Extended masking allows you to do a number of distinct searches utilizing the following rules:

- An asterisk by itself indicates an all inclusive mask (i.e., '*').
- An asterisk at the end of a string does a left to right mask (i.e., 'user*').
- An asterisk at the beginning and end of a string searches for that text through out the string (i.e., '*ken*').
- A percent sign '%' masks an individual character and can be used multiple times (i.e., 'user%%%').
- An asterisk used in any other fashion is interpreted as a non masking character (i.e., 'user*bob*').

Below are some examples:

Character Field Examples

- An example of an explicit value is to request a search that only displays the user USERBOB.

```
Userid         ==> USERBOB
```

- An example of a masked value is to request a search that displays all userids that begin with CICS.

```
Userid         ==> CICS*
```

- An example of searching for the characters BOB in the users name field.

```
Userid Name    ==> *BOB*
```

- An example of single character masking is to request a search that displays all userids that are seven characters long and the third character is X.

```
Userid         ==> %%X%%%%
```

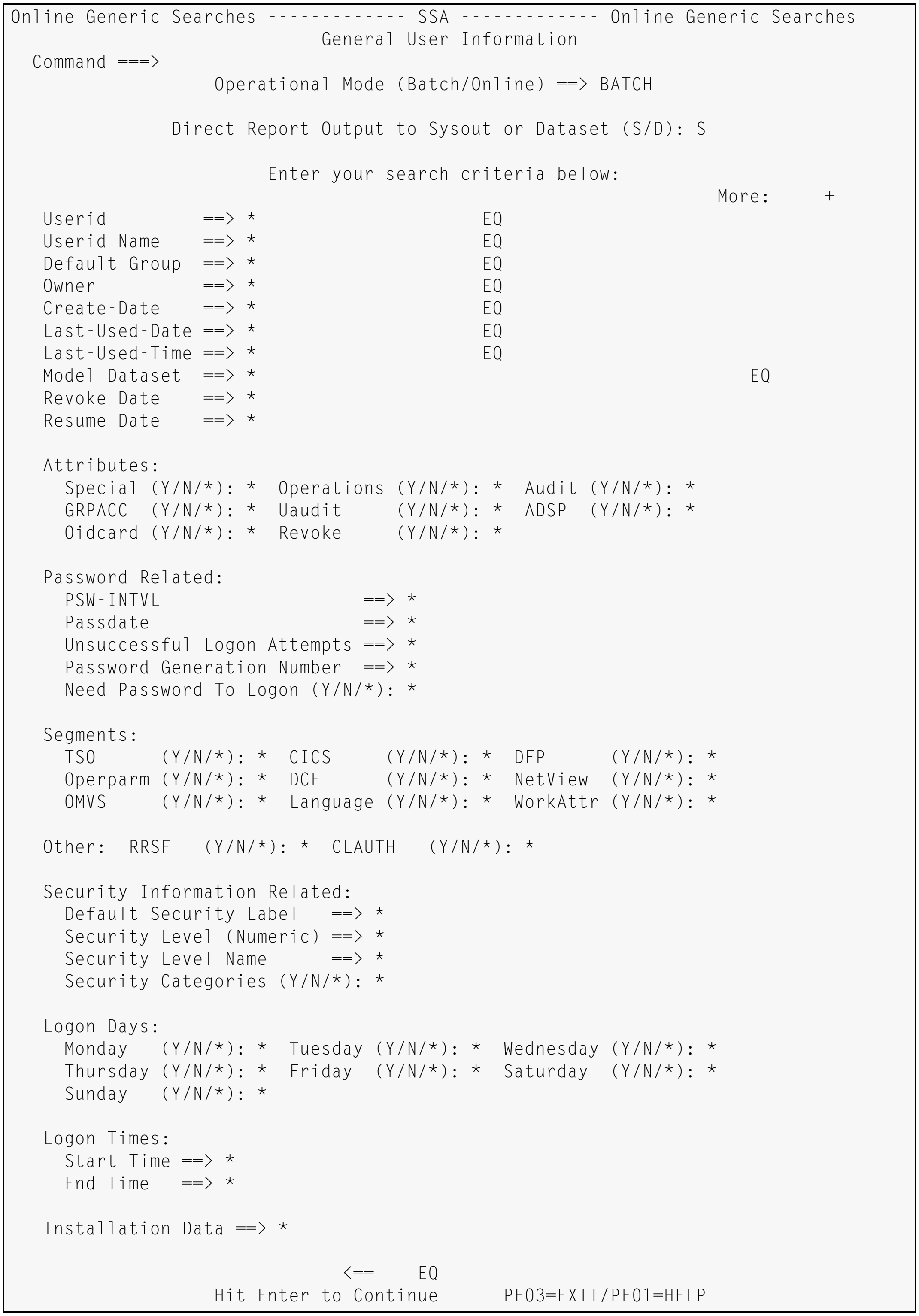
Note: Extended Searching only applies to fields that are 3 characters or longer and don't have a set value list (i.e., UACC on dataset profiles).

Operational Mode: Batch or Online

Batch Mode:

BATCH mode processing generates the SSA JCL necessary to create the report you requested based upon your selections. The batch process involves the following steps:

1. After indicating what search category you want to use and what type of search (standard or extended), you must enter the search criteria that determines what records are to be included in the report. Below is an example of the standard generic search criteria specification screen.:



```
Online Generic Searches ------------- SSA ------------- Online Generic Searches
                             General User Information
  Command ===>
                   Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:
                                                                  More:     +
   Userid         ==> *                     EQ
   Userid Name    ==> *                     EQ
   Default Group  ==> *                     EQ
   Owner          ==> *                     EQ
   Create-Date    ==> *                     EQ
   Last-Used-Date ==> *                     EQ
   Last-Used-Time ==> *                     EQ
   Model Dataset  ==> *                                              EQ
   Revoke Date    ==> *
   Resume Date    ==> *

   Attributes:
     Special (Y/N/*): *  Operations (Y/N/*): *  Audit (Y/N/*): *
     GRPACC  (Y/N/*): *  Uaudit     (Y/N/*): *  ADSP  (Y/N/*): *
     Oidcard (Y/N/*): *  Revoke     (Y/N/*): *

   Password Related:
     PSW-INTVL                   ==> *
     Passdate                    ==> *
     Unsuccessful Logon Attempts ==> *
     Password Generation Number  ==> *
     Need Password To Logon (Y/N/*): *

   Segments:
     TSO      (Y/N/*): *  CICS     (Y/N/*): *  DFP      (Y/N/*): *
     Operparm (Y/N/*): *  DCE      (Y/N/*): *  NetView  (Y/N/*): *
     OMVS     (Y/N/*): *  Language (Y/N/*): *  WorkAttr (Y/N/*): *

   Other:  RRSF   (Y/N/*): *  CLAUTH   (Y/N/*): *

   Security Information Related:
     Default Security Label   ==> *
     Security Level (Numeric) ==> *
     Security Level Name      ==> *
     Security Categories (Y/N/*): *

   Logon Days:
     Monday   (Y/N/*): *  Tuesday (Y/N/*): *  Wednesday (Y/N/*): *
     Thursday (Y/N/*): *  Friday  (Y/N/*): *  Saturday  (Y/N/*): *
     Sunday   (Y/N/*): *

   Logon Times:
     Start Time ==> *
     End Time   ==> *

   Installation Data ==> *

                               <==    EQ
                   Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

2. After entering your search criteria, you are presented with the Adhoc Report Generation options. For a full explanation of the choices available here, please see the Adhoc Report Generation part of this section.

   Use Default Report Layout
   : Indicate if you want to use the default report layout or create and adhoc report mask for the Online Generic Search report to use.

   Include Titles On Report
   : Indicate if you want titles to be printed on the report. This option is available mainly to assist a user who just wants to generate a listing of information with no titles or page breaks.

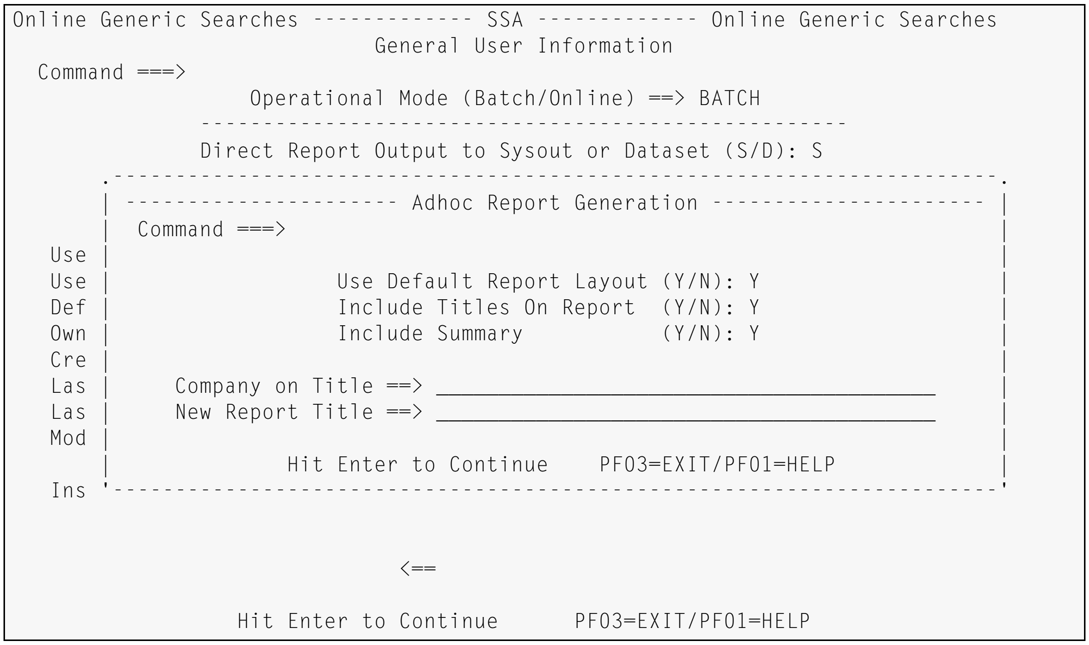
   Include Summary
   : Indicate if you want a summary printed that includes totals and the masking used to produce the report.

   Company on Title
   : Enter a value to override the company field on the report title. The default is SSA and the version.

   New Report Title
   : Enter a value to override the initial title field on the report. This is not related to the adhoc report mask titles you might put in if you are using a mask. The default is the function being used (i.e., General Userid Information Generic Search).

Note: For a complete explanation of the control cards used to indicate these choices, see the Adhoc Report Generation part of this chapter.

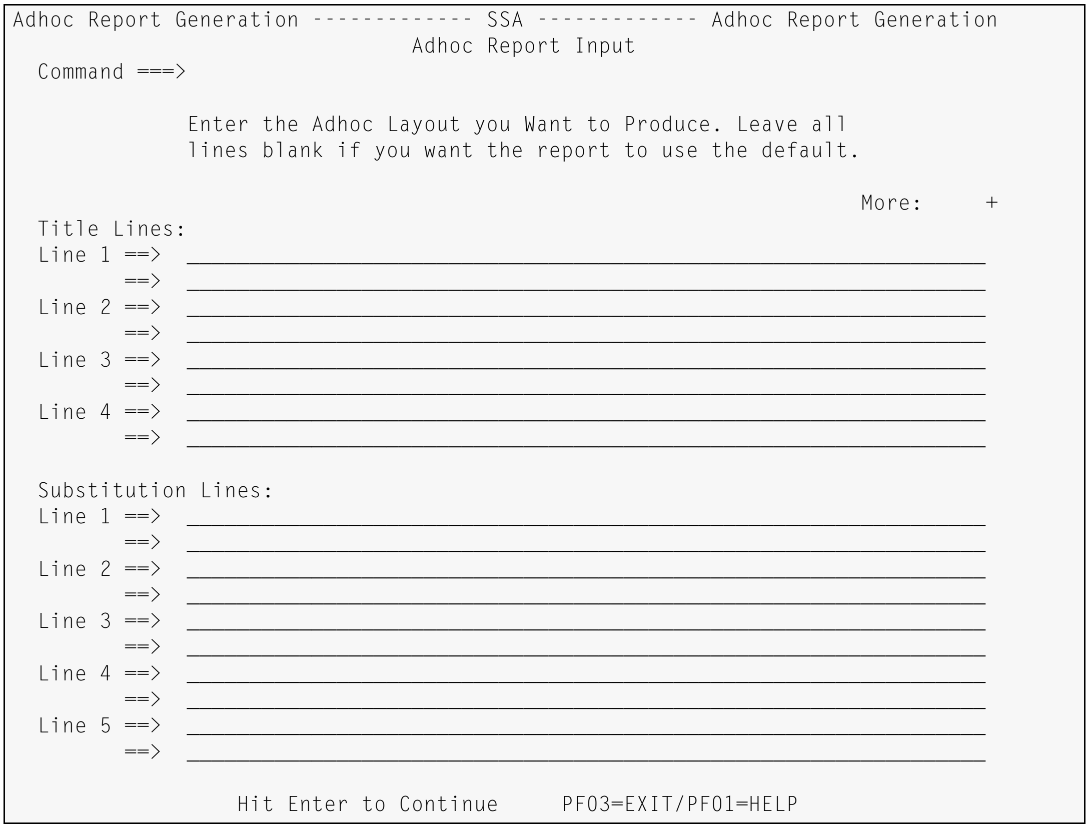
Adhoc Report Generation Options



```
Online Generic Searches ------------- SSA ------------- Online Generic Searches
                             General User Information
  Command ===>
                   Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S
       .-----------------------------------------------------------------------.
       | ---------------------- Adhoc Report Generation ---------------------- |
       |  Command ===>                                                         |
   Use |                                                                       |
   Use |                  Use Default Report Layout (Y/N): Y                   |
   Def |                  Include Titles On Report  (Y/N): Y                   |
   Own |                  Include Summary           (Y/N): Y                   |
   Cre |                                                                       |
   Las |     Company on Title ==> ________________________________________     |
   Las |     New Report Title ==> ________________________________________     |
   Mod |                                                                       |
       |              Hit Enter to Continue    PF03=EXIT/PF01=HELP             |
   Ins '-----------------------------------------------------------------------'


                               <==


                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

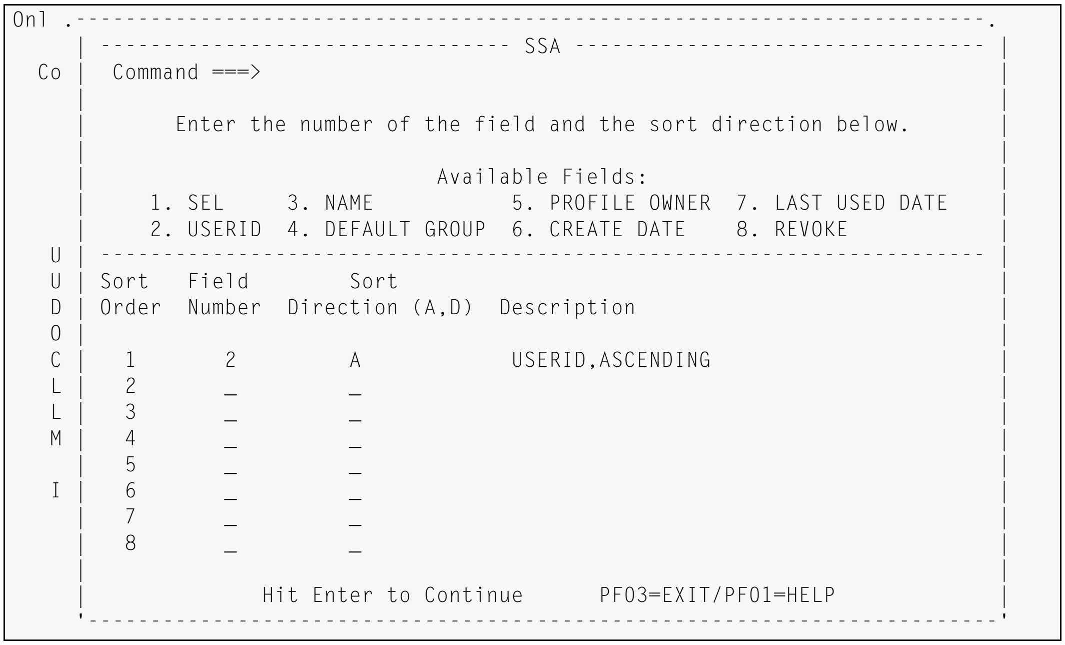
3. If you chose to create an adhoc report mask and not use the default report layout, you will be presented with the Adhoc Report Input panel. For a full explanation of

this panel and its fields, please see the Adhoc Report Generation part of this section.



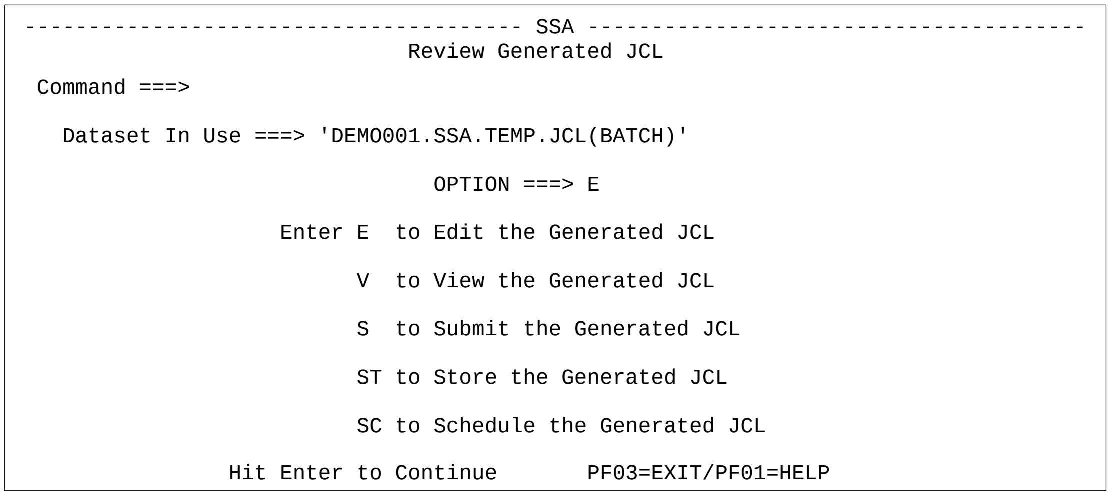
```
Adhoc Report Generation ------------- SSA ------------- Adhoc Report Generation
                                Adhoc Report Input
  Command ===>

              Enter the Adhoc Layout you Want to Produce. Leave all
              lines blank if you want the report to use the default.

                                                                   More:     +
  Title Lines:
  Line 1 ==>  ________________________________________________________________
         ==>  ________________________________________________________________
  Line 2 ==>  ________________________________________________________________
         ==>  ________________________________________________________________
  Line 3 ==>  ________________________________________________________________
         ==>  ________________________________________________________________
  Line 4 ==>  ________________________________________________________________
         ==>  ________________________________________________________________

  Substitution Lines:
  Line 1 ==>  ________________________________________________________________
         ==>  ________________________________________________________________
  Line 2 ==>  ________________________________________________________________
         ==>  ________________________________________________________________
  Line 3 ==>  ________________________________________________________________
         ==>  ________________________________________________________________
  Line 4 ==>  ________________________________________________________________
         ==>  ________________________________________________________________
  Line 5 ==>  ________________________________________________________________
         ==>  ________________________________________________________________

                  Hit Enter to Continue     PF03=EXIT/PF01=HELP
```

4. Next, you will be prompted to indicate how you want the entries in the report sorted. For a full explanation see the Sort Mode part of this section.



```
Onl .-----------------------------------------------------------------------.
     | -------------------------------- SSA -------------------------------- |
  Co |  Command ===>                                                         |
     |                                                                       |
     |      Enter the number of the field and the sort direction below.     |
     |                                                                       |
     |                           Available Fields:                           |
     |     1. SEL     3. NAME          5. PROFILE OWNER  7. LAST USED DATE   |
     |     2. USERID  4. DEFAULT GROUP 6. CREATE DATE    8. REVOKE           |
   U | --------------------------------------------------------------------- |
   U | Sort   Field        Sort                                              |
   D | Order  Number  Direction (A,D)  Description                           |
   O |                                                                       |
   C |   1       2         A            USERID,ASCENDING                     |
   L |   2       _         _                                                 |
   L |   3       _         _                                                 |
   M |   4       _         _                                                 |
     |   5       _         _                                                 |
   I |   6       _         _                                                 |
     |   7       _         _                                                 |
     |   8       _         _                                                 |
     |                                                                       |
     |              Hit Enter to Continue      PF03=EXIT/PF01=HELP          |
     '-----------------------------------------------------------------------'
```

5. After indicating how you want the report sorted, you will proceed to the Review Generated JCL panel as shown below. If you chose to not use the default layout, you will be presented with the adhoc report input screen which is described in complete detail in the Adhoc Report Generation part of this section.



```
--------------------------------------- SSA ---------------------------------------
                             Review Generated JCL
 Command ===>

   Dataset In Use ===> 'DEMO001.SSA.TEMP.JCL(BATCH)'

                               OPTION ===> E

                   Enter E  to Edit the Generated JCL

                         V  to View the Generated JCL

                         S  to Submit the Generated JCL

                         ST to Store the Generated JCL

                         SC to Schedule the Generated JCL

               Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

E Select E if you want to be placed in an EDIT session.

V Select V if you want to be placed in a VIEW session.

S Select S if you want to submit the generated JCL.

ST Select ST if you want to store the generated JCL in the SSA storage facility.

SC Select SC if you want to schedule the generated JCL via The SCHEDULER. For details on scheduling, please see “The SCHEDULER” on page 255.

JCL Mechanics

All online generic search adhoc report generation options use the same JCL. Below is a sample of that JCL

```
//*
//*
//**************************************************
//**                                              **
//**           SMART SECURITY ADMINISTRATOR       **
//**                                              **
//**                VERSION 1.3.0                 **
//**                                              **
//** (C) 1999 UNICOM SYSTEMS,INC.                 **
//**             ALL RIGHTS RESERVED              **
//**************************************************
//*
//* JCL CREATED BY USER01
//* JCL CREATED ON 12/1/1999
//* JCL CREATED AT 14:37
//*
//* JOB FUNCTION: GENERAL_USER_INFORMATION_GENERIC_SEARCH
//*
```

```
//STEP010  EXEC PGM=IKJEFT01,DYNAMNBR=30,TIME=1440,REGION=4096K
//SYSPROC  DD  DISP=SHR,
//             DSN=SSA.ISPCLIB
//ISPPROF  DD  DSN=&PROFILE,DISP=(,PASS),SPACE=(TRK,(1,1,1)),
//             DCB=(LRECL=80,BLKSIZE=6160,RECFM=FB),UNIT=SYSALLDA
//ISPPLIB  DD  DISP=SHR,
//             DSN=SSA.ISPPLIB
//ISPSLIB  DD  DISP=SHR,
//             DSN=SSA.ISPSLIB
//ISPMLIB  DD  DISP=SHR,
//             DSN=SYS1.SISPMENU
//         DD  DISP=SHR,
//             DSN=SSA.ISPMLIB
//ISPTLIB  DD  DISP=SHR,
//             DSN=SYS1.SISPTENU
//AADBTLIB DD  DISP=SHR,
//             DSN=SSA.RACFDATA.ISPTLIB
//STEPLIB  DD  DISP=SHR,
//             DSN=SSA.LOADLIB
//ISPCTL1  DD  DSN=&CNTL1,DISP=(,PASS),UNIT=SYSALLDA,
//             DCB=(LRECL=80,BLKSIZE=800,RECFM=FB),SPACE=(TRK,(5,5))
//ISPCTL2  DD  DSN=&CNTL2,DISP=(,PASS),UNIT=SYSALLDA,
//             DCB=(LRECL=80,BLKSIZE=800,RECFM=FB),SPACE=(TRK,(5,5))
//SYSTSPRT DD  SYSOUT=*,DCB=(BLKSIZE=19019,LRECL=133,RECFM=FBA)
//SYSPRINT DD  SYSOUT=*,DCB=(BLKSIZE=20000,LRECL=200,RECFM=FBA)
//ISPLOG   DD  SYSOUT=*,DCB=(BLKSIZE=129,LRECL=125,RECFM=VA)
//SYSOUT   DD  SYSOUT=*
//TEMPWK01 DD  UNIT=SYSALLDA,SPACE=(CYL,(5,5),RLSE)
//TEMPWK02 DD  UNIT=SYSALLDA,SPACE=(CYL,(5,5),RLSE)
//SORTWK01 DD  UNIT=SYSALLDA,SPACE=(CYL,(5,5),RLSE)
//AARPTOUT DD  SYSOUT=*,
//             DCB=(RECFM=FBA,LRECL=133)
//AASYSIN  DD  *
AAUSER=X*
//*
//AACTLCDS DD  *
LINES-PER-PAGE=55
SORT1=AAUSER,CH,A
SUMMARY
//*
//SYSTSIN  DD  *
ISPSTART PGM(AAGSRU01)
//*
```

JCL DDs:

Below is a brief explanation of the DDs and what they must reference:

SYSPROC Must reference the SSA CLIST library

ISPPLIB Must reference the SSA Panel library

ISPSLIB Must reference the SSA Skeleton JCL library

ISPMLIB Must reference the ISPF system message library and the SSA ISPF message library

ISPTLIB Must reference the ISPF table library

AADBTLIB Must reference the SSA RACF information table library

STEPLIB Must reference the SSA APF authorized load library

AARPTOUT This DD must reference an output dataset with the following DCBs: RECFM=FB,LRECL=133,DSORG=PS

AASYSIN This DD is where the search criteria is specified. See the Adhoc Report part of this section for details.

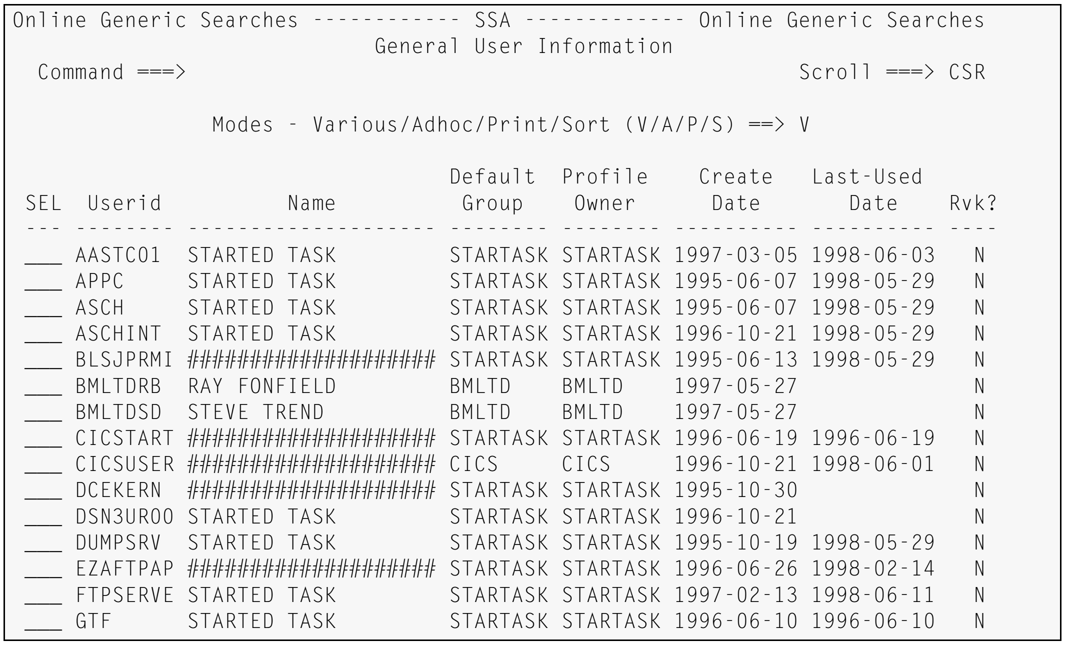
AACTLCDS Must reference the control cards for the adhoc report program. . See the Adhoc Report part of this section for details.

SYSTSIN This DD is where the SSA program for activating adhoc command generation is entered.

Note: Instructions on specifying the generic search parameters and adhoc mask entries when running online generic searches in batch is in the Adhoc Report Generation part of this section.

Online Mode:

Online mode processes the search immediately and places you in a search results screen. Below is an example of the general userid information search results screen.General Userid Information Search Results Screen:



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                             General User Information
  Command ===>                                                 Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

                                 Default  Profile    Create    Last-Used
 SEL  Userid          Name        Group    Owner      Date       Date    Rvk?
 --- -------- -------------------- -------- -------- ---------- ---------- ----
 ___ AASTC01  STARTED TASK         STARTASK STARTASK 1997-03-05 1998-06-03   N
 ___ APPC     STARTED TASK         STARTASK STARTASK 1995-06-07 1998-05-29   N
 ___ ASCH     STARTED TASK         STARTASK STARTASK 1995-06-07 1998-05-29   N
 ___ ASCHINT  STARTED TASK         STARTASK STARTASK 1996-10-21 1998-05-29   N
 ___ BLSJPRMI #################### STARTASK STARTASK 1995-06-13 1998-05-29   N
 ___ BMLTDRB  RAY FONFIELD         BMLTD    BMLTD    1997-05-27              N
 ___ BMLTDSD  STEVE TREND          BMLTD    BMLTD    1997-05-27              N
 ___ CICSTART #################### STARTASK STARTASK 1996-06-19 1996-06-19   N
 ___ CICSUSER #################### CICS     CICS     1996-10-21 1998-06-01   N
 ___ DCEKERN  #################### STARTASK STARTASK 1995-10-30              N
 ___ DSN3UR00 STARTED TASK         STARTASK STARTASK 1996-10-21              N
 ___ DUMPSRV  STARTED TASK         STARTASK STARTASK 1995-10-19 1998-05-29   N
 ___ EZAFTPAP #################### STARTASK STARTASK 1996-06-26 1998-02-14   N
 ___ FTPSERVE STARTED TASK         STARTASK STARTASK 1997-02-13 1998-06-11   N
 ___ GTF      STARTED TASK         STARTASK STARTASK 1996-06-10 1996-06-10   N
```

You can select any of the entries from the search results screen for further processing. Scroll DOWN to view all entries that met the search criteria. If you selected entries, those selections have specific effects on further processing. The table below summarizes this effect.

	Various Mode	Ad-Hoc Mode	Print Mode	Sort Mode
Selections Made	Required	Allowed; only those selected will be processed.	Allowed; only those selected will be processed.	Not Applicable; however any selections made will be retained.
No Selections Made	Not Allowed	All entries will be used	All entries will be used.	Not Applicable

Determine what to do with the search results or selections:

After you have successfully completed a generic search, SSA will present a table display as show above, showing the results that meet your criteria. At this point you have several modes for processing the information.

Various (V)

This mode will allow you to select up to 30 additional SSA or RACF commands or functions to use against the selections from the search results. For example, you may do a RACF LU command, an SSA List User, or a ‘Pass To’ the SSA Replicate User.

Ad-Hoc (A)

This mode will allow you to generate ‘ad-hoc’ commands using either all or your specific selections from the search results screen.

Print (P)

This mode will format a report using either all or your specific selections from the search results screen which then can be printed.

Sort (S)

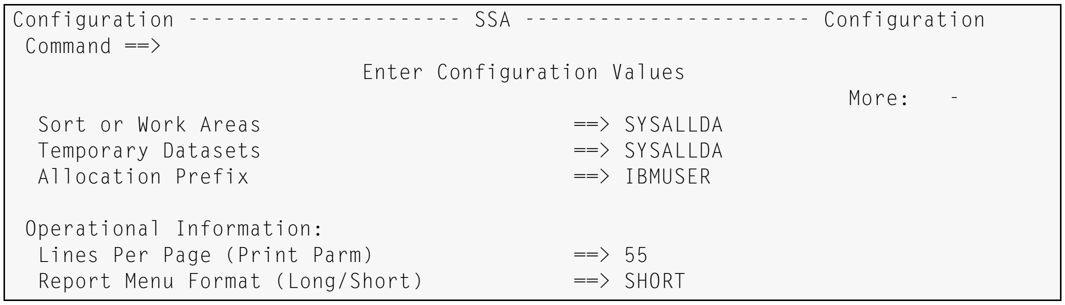
This mode will sort the search results based on the order of your own choosing. For example, you may Sort a Userid results screen by Default Group.

Note: For Print and Ad-hoc modes you may choose to use all search results that met your search criteria, or you may select specific entries to Print or generate Ad-hoc commands.

Short/Long Displays

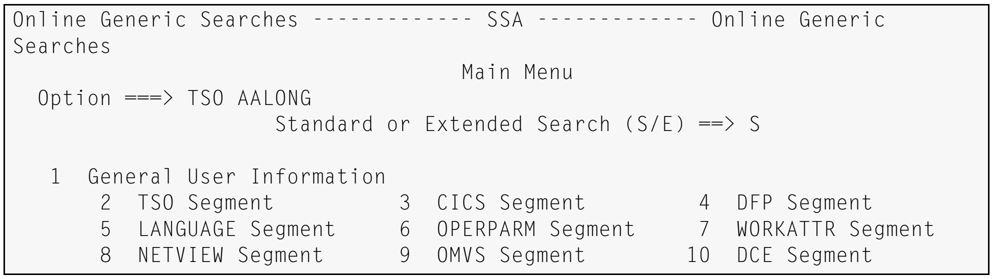
SSA provides the ability to display the search results screen in either a Short or Long format. This option may be changed by specifying a Y or N for the Report Menu Format (Long/Short) option field in Enter Configuration Values off of option 10 - Configuration from the SSA Main menu, or by executing the AASHORT or AALONG CLIST.

Long/Short Configuration Option Panel Change



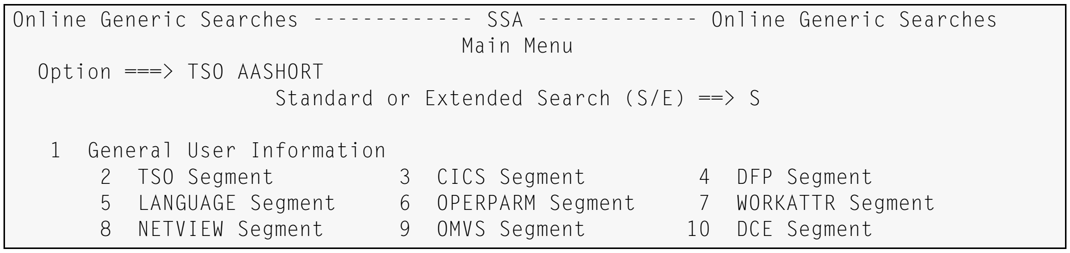
```
Configuration --------------------- SSA ---------------------- Configuration
 Command ==>
                           Enter Configuration Values
                                                                     More:    -
  Sort or Work Areas                          ==> SYSALLDA
  Temporary Datasets                          ==> SYSALLDA
  Allocation Prefix                           ==> IBMUSER

 Operational Information:
  Lines Per Page (Print Parm)                 ==> 55
  Report Menu Format (Long/Short)             ==> SHORT
```

To change to the long displays execute AALONG from anywhere in ISPF.



```
Online Generic Searches ------------- SSA ------------- Online Generic
Searches
                                   Main Menu
  Option ===> TSO AALONG
                     Standard or Extended Search (S/E) ==> S

   1  General User Information
       2  TSO Segment          3  CICS Segment         4  DFP Segment
       5  LANGUAGE Segment     6  OPERPARM Segment     7  WORKATTR Segment
       8  NETVIEW Segment      9  OMVS Segment        10  DCE Segment
```

To change to the short displays execute AASHORT from anywhere in ISPF.

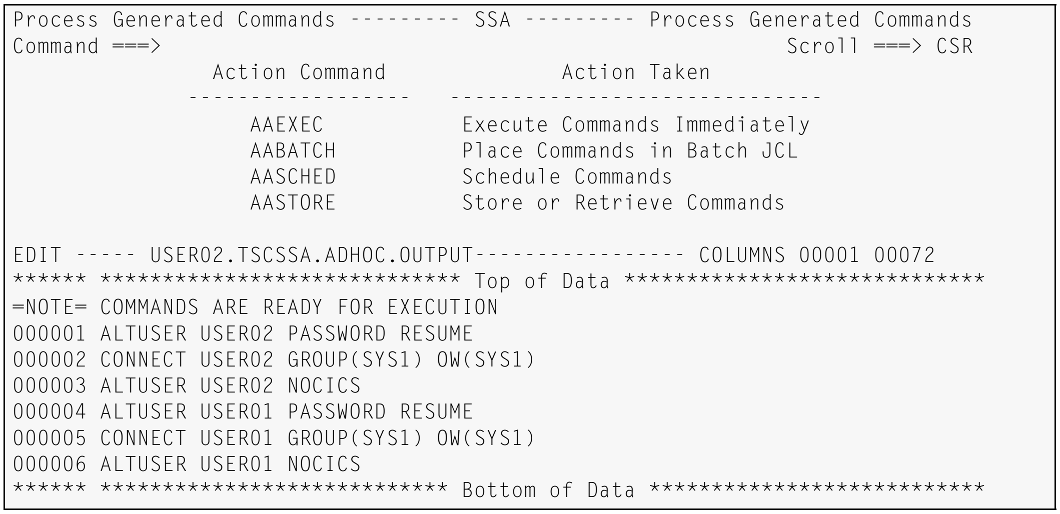


```
Online Generic Searches ------------- SSA ------------- Online Generic Searches
                                   Main Menu
  Option ===> TSO AASHORT
                     Standard or Extended Search (S/E) ==> S

   1  General User Information
       2  TSO Segment          3  CICS Segment         4  DFP Segment
       5  LANGUAGE Segment     6  OPERPARM Segment     7  WORKATTR Segment
       8  NETVIEW Segment      9  OMVS Segment        10  DCE Segment
```

Note: The example search results screens in the manual show only the SHORT displays.

Process generated commands or print reports:

Anytime that you use Online Generic Search reporting or command generation options, the following screens will be displayed for further processing.



```
Process Generated Commands --------- SSA --------- Process Generated Commands
Command ===>                                                  Scroll ===> CSR
                Action Command              Action Taken
              ------------------   -----------------------------
                   AAEXEC           Execute Commands Immediately
                   AABATCH          Place Commands in Batch JCL
                   AASCHED          Schedule Commands
                   AASTORE          Store or Retrieve Commands

EDIT ----- USER02.TSCSSA.ADHOC.OUTPUT----------------- COLUMNS 00001 00072
****** ***************************** Top of Data *****************************
=NOTE= COMMANDS ARE READY FOR EXECUTION
000001 ALTUSER USER02 PASSWORD RESUME
000002 CONNECT USER02 GROUP(SYS1) OW(SYS1)
000003 ALTUSER USER02 NOCICS
000004 ALTUSER USER01 PASSWORD RESUME
000005 CONNECT USER01 GROUP(SYS1) OW(SYS1)
000006 ALTUSER USER01 NOCICS
****** **************************** Bottom of Data ***************************
```

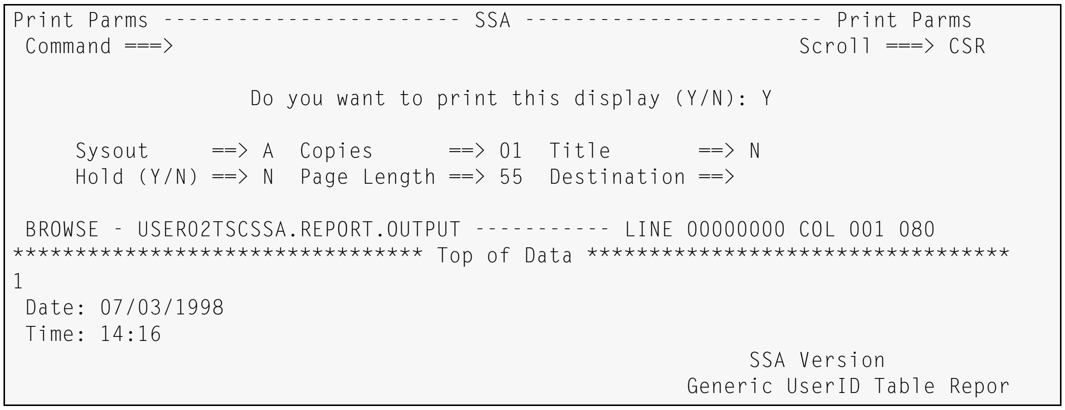
To process the generated commands execute the listed Action Commands by typing the command on the command line.

AAEXEC: The commands generated will be executed immediately. Each command being displayed on the screen as they are executed.

AABATCH Encapsulates your commands in an IKJEFT01 step. Use the TSO SUBMIT command to run the job.

AASCHED Interfaces with SSA’s The SCHEDULER to schedule the generated commands to be run on a specific date and time.

AASTORE Allows storage of, and retrieval of (previously stored), generated commands.



```
Print Parms ------------------------ SSA ------------------------ Print Parms
 Command ===>                                                  Scroll ===> CSR

                   Do you want to print this display (Y/N): Y

     Sysout     ==> A  Copies      ==> 01  Title       ==> N
     Hold (Y/N) ==> N  Page Length ==> 55  Destination ==>

 BROWSE - USER02TSCSSA.REPORT.OUTPUT ----------- LINE 00000000 COL 001 080
********************************* Top of Data **********************************
1
 Date: 07/03/1998
 Time: 14:16
                                                           SSA Version
                                                      Generic UserID Table Repor
```

To print the report to the appropriate SYSOUT class you must specify Y in the ‘print this display’ field, and then press the PF03 (END) key.

Note: The Hold, Copies, Page Length, and Title fields on this panel are for the DSPRINT command. Please refer to your IBM documentation for a full description of these fields.

The remainder of this section of the manual is divided as follows:

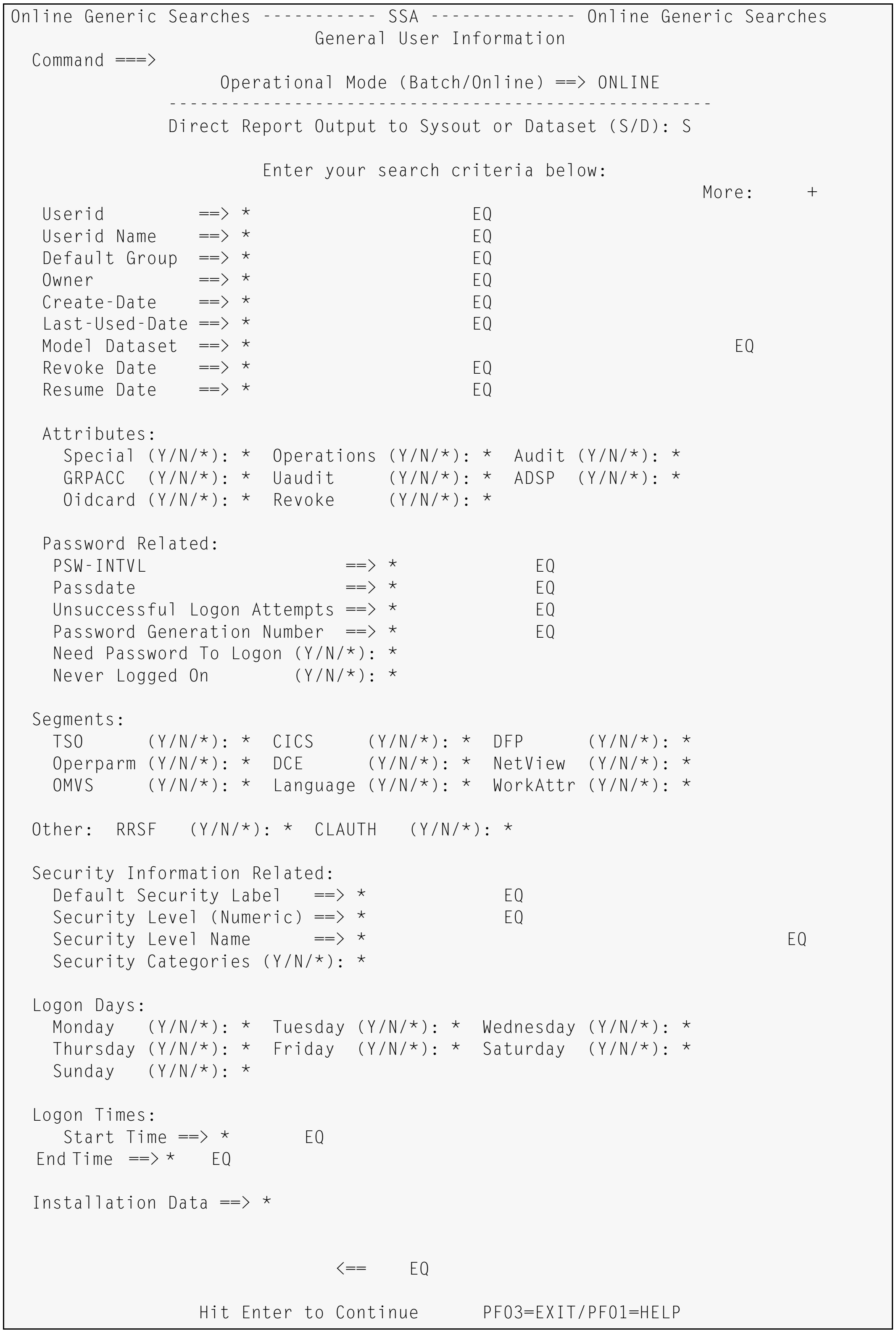
A) Initial Generic Search screens, search examples, search result screens, and available Various Mode Functions.

B) Online Generic Search Result Functions

C) Adhoc Report Generation

General User Information

Initial Generic Search screen for general Userid information.



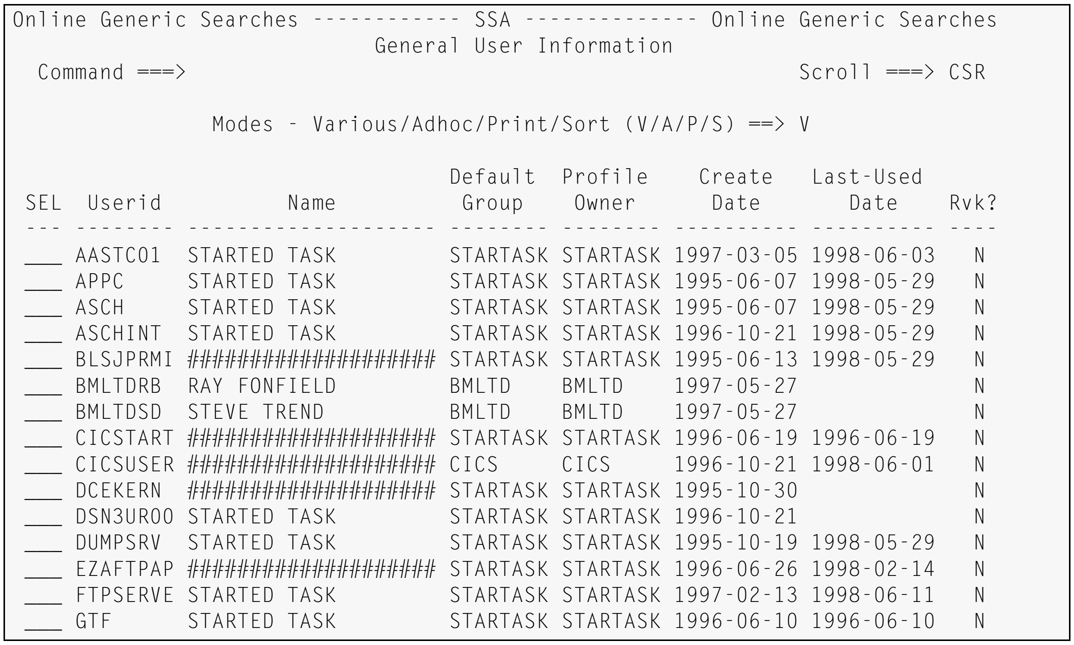
```
Online Generic Searches ----------- SSA -------------- Online Generic Searches
                             General User Information
  Command ===>
                    Operational Mode (Batch/Online) ==> ONLINE
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:
                                                                  More:     +
   Userid         ==> *                     EQ
   Userid Name    ==> *                     EQ
   Default Group  ==> *                     EQ
   Owner          ==> *                     EQ
   Create-Date    ==> *                     EQ
   Last-Used-Date ==> *                     EQ
   Model Dataset  ==> *                                              EQ
   Revoke Date    ==> *                     EQ
   Resume Date    ==> *                     EQ

   Attributes:
     Special (Y/N/*): *  Operations (Y/N/*): *  Audit (Y/N/*): *
     GRPACC  (Y/N/*): *  Uaudit     (Y/N/*): *  ADSP  (Y/N/*): *
     Oidcard (Y/N/*): *  Revoke     (Y/N/*): *

   Password Related:
    PSW-INTVL                   ==> *             EQ
    Passdate                    ==> *             EQ
    Unsuccessful Logon Attempts ==> *             EQ
    Password Generation Number  ==> *             EQ
    Need Password To Logon (Y/N/*): *
    Never Logged On        (Y/N/*): *

  Segments:
    TSO      (Y/N/*): *  CICS     (Y/N/*): *  DFP      (Y/N/*): *
    Operparm (Y/N/*): *  DCE      (Y/N/*): *  NetView  (Y/N/*): *
    OMVS     (Y/N/*): *  Language (Y/N/*): *  WorkAttr (Y/N/*): *

  Other:  RRSF   (Y/N/*): *  CLAUTH   (Y/N/*): *

  Security Information Related:
    Default Security Label   ==> *             EQ
    Security Level (Numeric) ==> *             EQ
    Security Level Name      ==> *                                        EQ
    Security Categories (Y/N/*): *

  Logon Days:
    Monday   (Y/N/*): *  Tuesday (Y/N/*): *  Wednesday (Y/N/*): *
    Thursday (Y/N/*): *  Friday  (Y/N/*): *  Saturday  (Y/N/*): *
    Sunday   (Y/N/*): *

  Logon Times:
     Start Time ==> *       EQ
  End Time  ==> *    EQ

  Installation Data ==> *



                               <==    EQ

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

These examples only indicate the changes to the SSA installed default values.

- Search for all Userids in SYSTEMS default Group that begin with MVS.

```
Userid          ==> MVS*              EQ
Default Group   ==> SYSTEMS           EQ
```



```
Online Generic Searches ----------- SSA ------------- Online Generic Searches
                             General User Information
  Command ===>                                                  Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

                                   Default  Profile    Create    Last-Used
 SEL  Userid          Name          Group    Owner      Date        Date    Rvk?
 --- -------- -------------------- -------- -------- ---------- ---------- ----
 ___ AASTC01  STARTED TASK         STARTASK STARTASK 1997-03-05 1998-06-03   N
 ___ APPC     STARTED TASK         STARTASK STARTASK 1995-06-07 1998-05-29   N
 ___ ASCH     STARTED TASK         STARTASK STARTASK 1995-06-07 1998-05-29   N
 ___ ASCHINT  STARTED TASK         STARTASK STARTASK 1996-10-21 1998-05-29   N
 ___ BLSJPRMI #################### STARTASK STARTASK 1995-06-13 1998-05-29   N
 ___ BMLTDRB  RAY FONFIELD         BMLTD    BMLTD    1997-05-27              N
 ___ BMLTDSD  STEVE TREND          BMLTD    BMLTD    1997-05-27              N
 ___ CICSTART #################### STARTASK STARTASK 1996-06-19 1996-06-19   N
 ___ CICSUSER #################### CICS     CICS     1996-10-21 1998-06-01   N
 ___ DCEKERN  #################### STARTASK STARTASK 1995-10-30              N
 ___ DSN3UR00 STARTED TASK         STARTASK STARTASK 1996-10-21              N
 ___ DUMPSRV  STARTED TASK         STARTASK STARTASK 1995-10-19 1998-05-29   N
 ___ EZAFTPAP #################### STARTASK STARTASK 1996-06-26 1998-02-14   N
 ___ FTPSERVE STARTED TASK         STARTASK STARTASK 1997-02-13 1998-06-11   N
 ___ GTF      STARTED TASK         STARTASK STARTASK 1996-06-10 1996-06-10   N
```

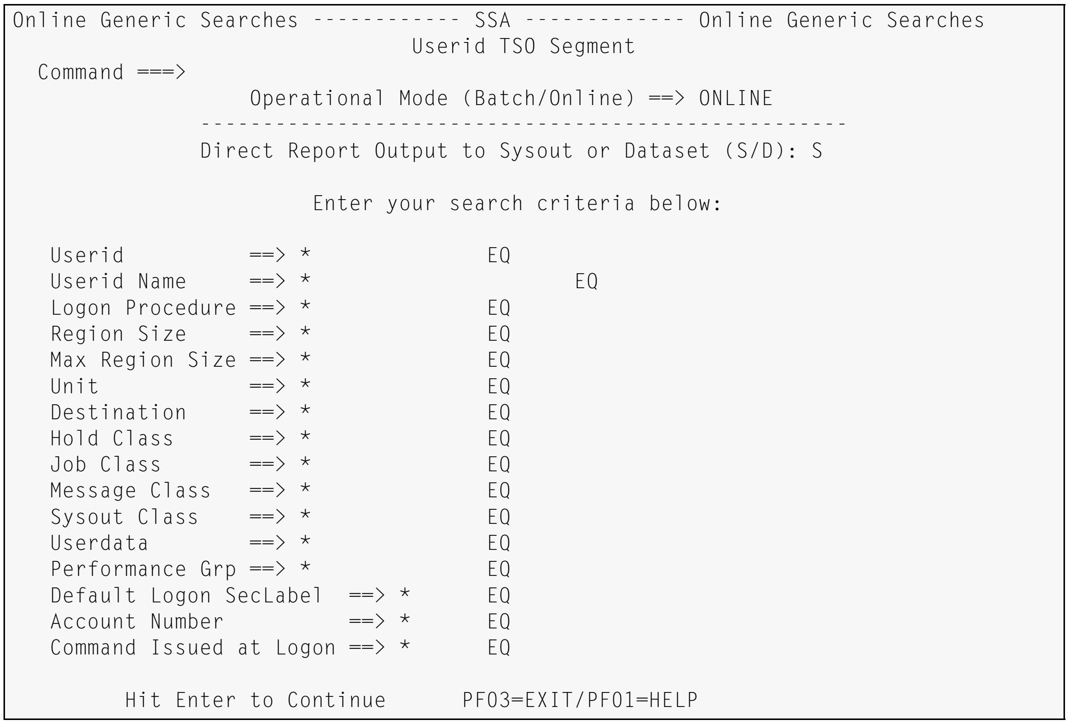
Various Mode Available Functions

A)	SSA List User
B)	Display Connects
C)	Display DATASET Profiles (HLQ=USERID)
D)	Display Permits to DATASET Profiles
E)	Display Permits to General Resources
F)	Edit Installation Data
G)	Display TSO Segment
H)	Display CICS Segment
I)	Display LANGUAGE Segment
J)	Display WORKATTR Segment
K)	Display DFP Segment
L)	Display OPERPARM Segment
M)	Display OMVS Segment
N)	Display NETVIEW Segment
O)	Display DCE Segment
P)	Display RRSF Information

Q)	Pass to Replicate User
R)	Pass to Remove All References
S)	Pass to Password Administration
T)	Pass to Connect Administration
U)	Pass to Transfer UserID
V)	Pass to Transfer Ownership
W)	Pass to Transfer Notifications
X)	Pass to Access Report
Y)	Pass to Ownership Report
Z)	List Catalog Entry (LISTC Command)
1)	Display Security Categories
2)	Display CLAUTH Authorities
3)	RACF LISTUSER

Userid TSO Segment

Initial generic search screen for Userid TSO Segment information.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                                Userid TSO Segment
  Command ===>
                   Operational Mode (Batch/Online) ==> ONLINE
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:

   Userid          ==> *              EQ
   Userid Name     ==> *                     EQ
   Logon Procedure ==> *              EQ
   Region Size     ==> *              EQ
   Max Region Size ==> *              EQ
   Unit            ==> *              EQ
   Destination     ==> *              EQ
   Hold Class      ==> *              EQ
   Job Class       ==> *              EQ
   Message Class   ==> *              EQ
   Sysout Class    ==> *              EQ
   Userdata        ==> *              EQ
   Performance Grp ==> *              EQ
   Default Logon SecLabel  ==> *      EQ
   Account Number          ==> *      EQ
   Command Issued at Logon ==> *      EQ

         Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

These examples only indicate the changes to the SSA installed default values.

- Search for all Userids that begin with TSO and have a region size of 4096 or greater.

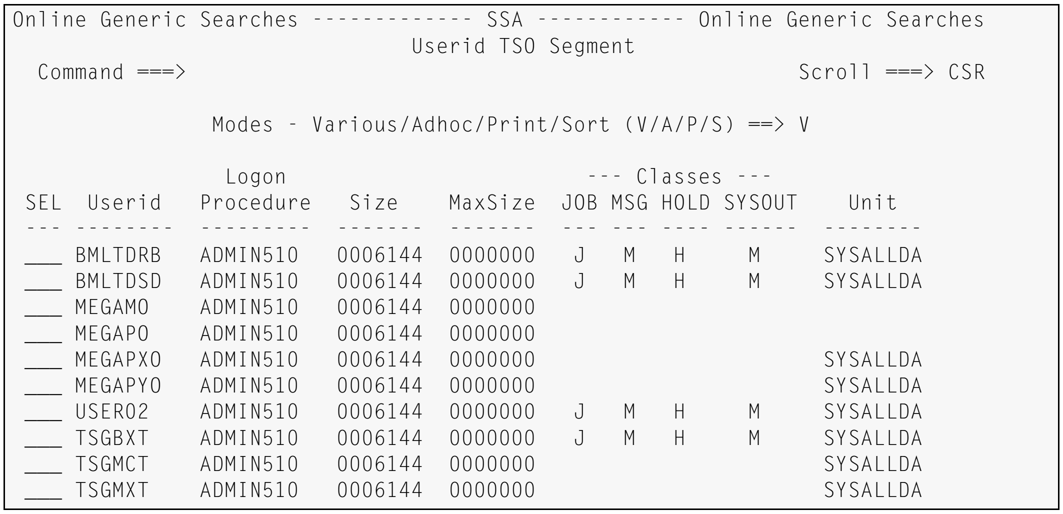
```
Userid          ==> TSO*            EQ
Region Size     ==> 4096            GE
```

- Search for all Userids that do NOT have a Logon Procedure of TSOUSER.

```
Logon Procedure ==> TSOUSER         NE
```

- Search for all Userids that begin with PAY and have a User Data value of 01010101.

```
Userid          ==> PAY*            EQ
Userdata        ==> 01010101        EQ
```



```
Online Generic Searches ------------- SSA ------------ Online Generic Searches
                                Userid TSO Segment
  Command ===>                                                Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

                 Logon                             --- Classes ---
 SEL  Userid    Procedure   Size     MaxSize  JOB MSG HOLD SYSOUT    Unit
 --- --------   ---------  -------   -------  --- --- ---- ------  --------
 ___ BMLTDRB    ADMIN510   0006144   0000000   J   M   H      M     SYSALLDA
 ___ BMLTDSD    ADMIN510   0006144   0000000   J   M   H      M     SYSALLDA
 ___ MEGAMO     ADMIN510   0006144   0000000
 ___ MEGAPO     ADMIN510   0006144   0000000
 ___ MEGAPXO    ADMIN510   0006144   0000000                        SYSALLDA
 ___ MEGAPYO    ADMIN510   0006144   0000000                        SYSALLDA
 ___ USER02     ADMIN510   0006144   0000000   J   M   H      M     SYSALLDA
 ___ TSGBXT     ADMIN510   0006144   0000000   J   M   H      M     SYSALLDA
 ___ TSGMCT     ADMIN510   0006144   0000000                        SYSALLDA
 ___ TSGMXT     ADMIN510   0006144   0000000                        SYSALLDA
```

Various Mode Available Functions

A) SSA List User

B) Rebuild TSO Segment

C) Remove TSO Segment

D) Issue TSO Segment Command

E) Display DATASET Profiles (HLQ=USERID)

F) Display Permits to DATASET Profiles

G) Display Permits to General Resources

H) Pass to Replicate User

I) Pass to Remove All References

J) Pass to Password Administration

K) Pass to Transfer UserID

L) Pass to Transfer Ownership

M) Pass to Transfer Notifications

N) Pass to Access Report

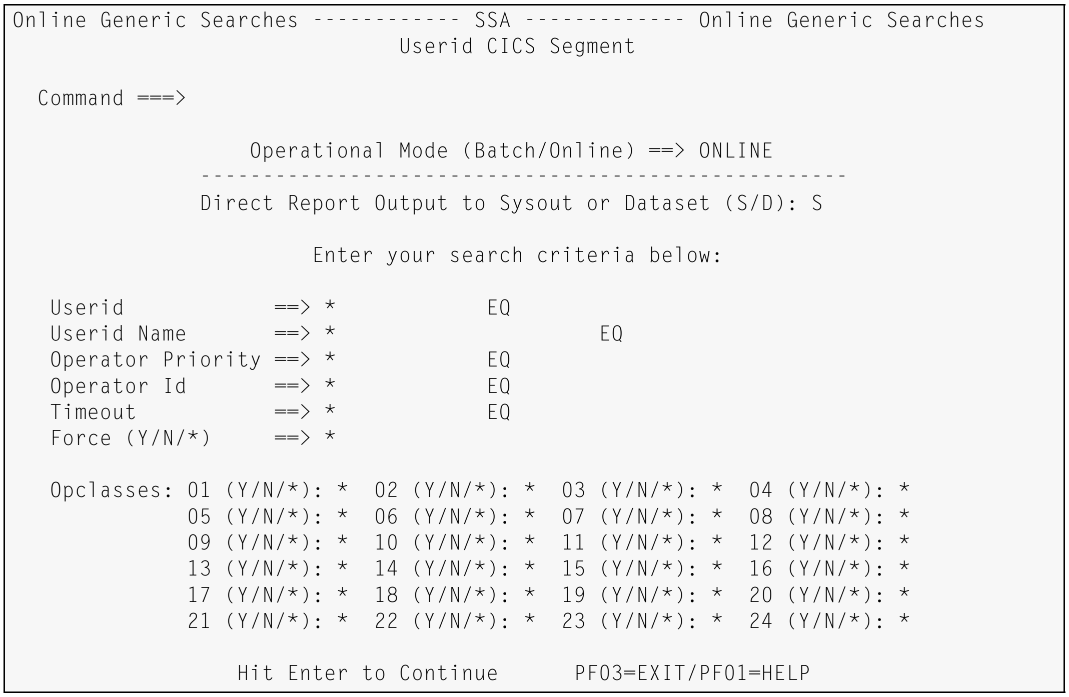
O) Pass to Ownership Report

P) List Catalog Entry (LISTC Command)

Q) RACF LISTUSER

Userid CICS Segment

Initial generic search screen for Userid CICS Segment information.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                               Userid CICS Segment

  Command ===>

                   Operational Mode (Batch/Online) ==> ONLINE
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:

   Userid           ==> *            EQ
   Userid Name      ==> *                     EQ
   Operator Priority ==> *           EQ
   Operator Id      ==> *            EQ
   Timeout          ==> *            EQ
   Force (Y/N/*)    ==> *

   Opclasses: 01 (Y/N/*): *  02 (Y/N/*): *  03 (Y/N/*): *  04 (Y/N/*): *
              05 (Y/N/*): *  06 (Y/N/*): *  07 (Y/N/*): *  08 (Y/N/*): *
              09 (Y/N/*): *  10 (Y/N/*): *  11 (Y/N/*): *  12 (Y/N/*): *
              13 (Y/N/*): *  14 (Y/N/*): *  15 (Y/N/*): *  16 (Y/N/*): *
              17 (Y/N/*): *  18 (Y/N/*): *  19 (Y/N/*): *  20 (Y/N/*): *
              21 (Y/N/*): *  22 (Y/N/*): *  23 (Y/N/*): *  24 (Y/N/*): *

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

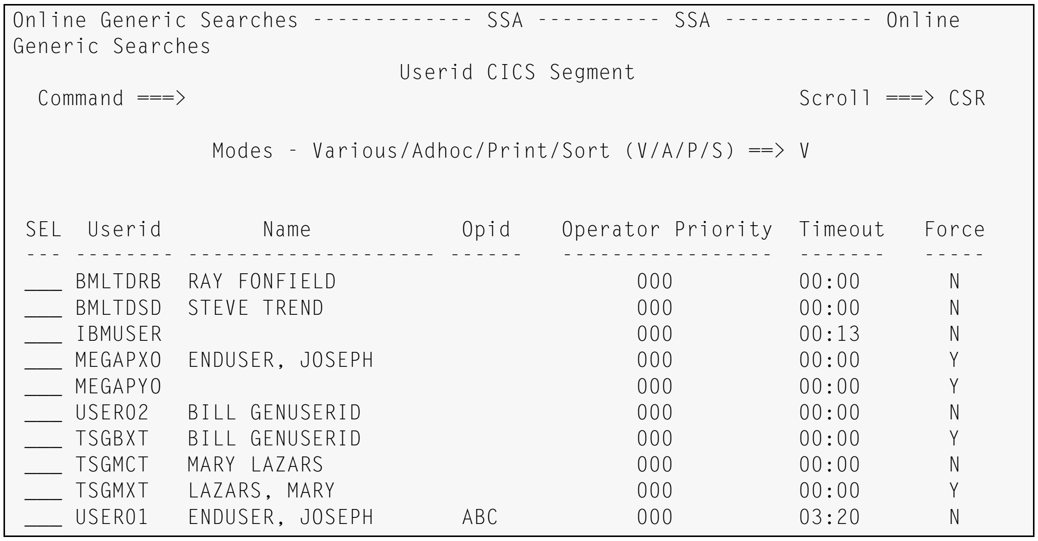
These examples only indicate the changes to the SSA installed default values.

- Search for all Userids that begin with CICS and who have an OPID = XYZ.

```
Userid           ==> CICS*        EQ
Operator Id      ==> XYZ          EQ
```

- Search for all Userids that have a Operator Priority greater than 155.

```
Operator Priority ==> 155          GT
SEARCH RESULT PANEL:
```



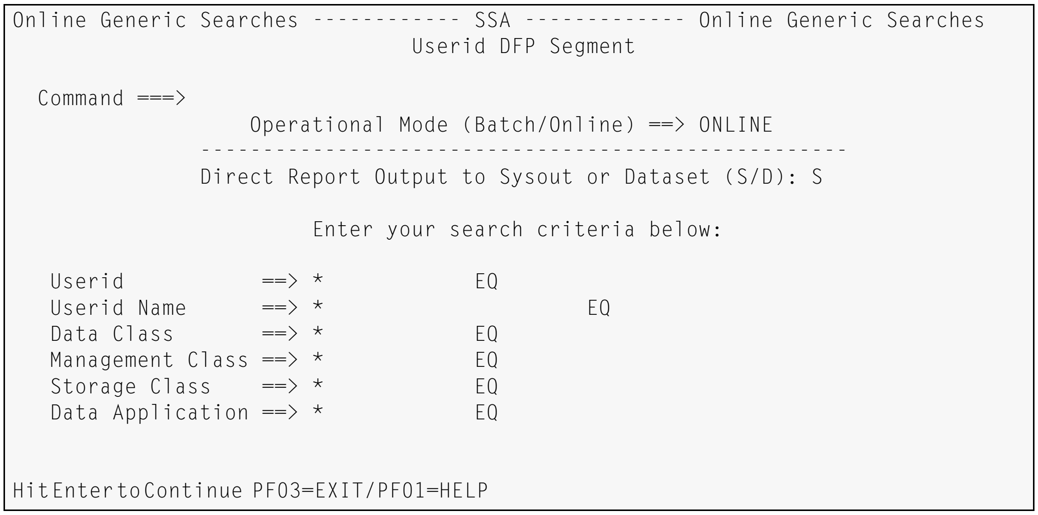
```
Online Generic Searches ------------- SSA ---------- SSA ------------ Online
Generic Searches
                               Userid CICS Segment
  Command ===>                                                Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V


 SEL  Userid        Name             Opid    Operator Priority  Timeout   Force
 --- -------- ------------------- ------    -----------------  -------   -----
 ___ BMLTDRB  RAY FONFIELD                         000          00:00       N
 ___ BMLTDSD  STEVE TREND                          000          00:00       N
 ___ IBMUSER                                       000          00:13       N
 ___ MEGAPXO  ENDUSER, JOSEPH                      000          00:00       Y
 ___ MEGAPYO                                       000          00:00       Y
 ___ USER02   BILL GENUSERID                       000          00:00       N
 ___ TSGBXT   BILL GENUSERID                       000          00:00       Y
 ___ TSGMCT   MARY LAZARS                          000          00:00       N
 ___ TSGMXT   LAZARS, MARY                         000          00:00       Y
 ___ USER01   ENDUSER, JOSEPH       ABC            000          03:20       N
```

Various Mode Available Functions

A)	SSA List User
B)	Rebuild CICS Segment
C)	Remove CICS Segment
D)	Issue CICS Segment Command
E)	Pass to Replicate User
F)	Pass to Remove All References
G)	Pass to Password Administration
H)	Pass to Transfer UserID
I)	Pass to Transfer Ownership
J)	Pass to Transfer Notifications
K)	Pass to Access Report
L)	Pass to Ownership Report
M)	RACF LISTUSER

Userid DFP Segment

Initial generic search screen for Userid DFP Segment information.



```
Online Generic Searches ----------- SSA ------------ Online Generic Searches
                                Userid DFP Segment

  Command ===>
                   Operational Mode (Batch/Online) ==> ONLINE
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:

   Userid           ==> *            EQ
   Userid Name      ==> *                     EQ
   Data Class       ==> *            EQ
   Management Class ==> *            EQ
   Storage Class    ==> *            EQ
   Data Application ==> *            EQ


HitEntertoContinue PF03=EXIT/PF01=HELP
```

Search Examples

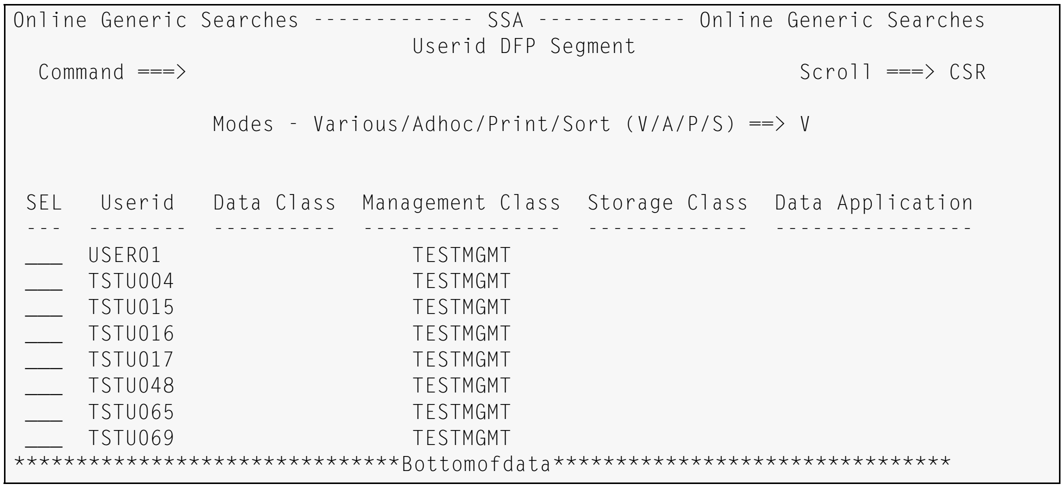
These examples only indicate the changes to the SSA installed default values.

- Search for all Userids that begin with TUSR and have a Data Class value of ALLUSER.

```
Userid           ==> TUSR*        EQ
Data Class       ==> ALLUSER      EQ
```

- Search for all Userids that have a Storage Class of SYSALLDA.

```
Storage Class    ==> SYSALLDA     EQ
SEARCH RESULT PANEL:
```



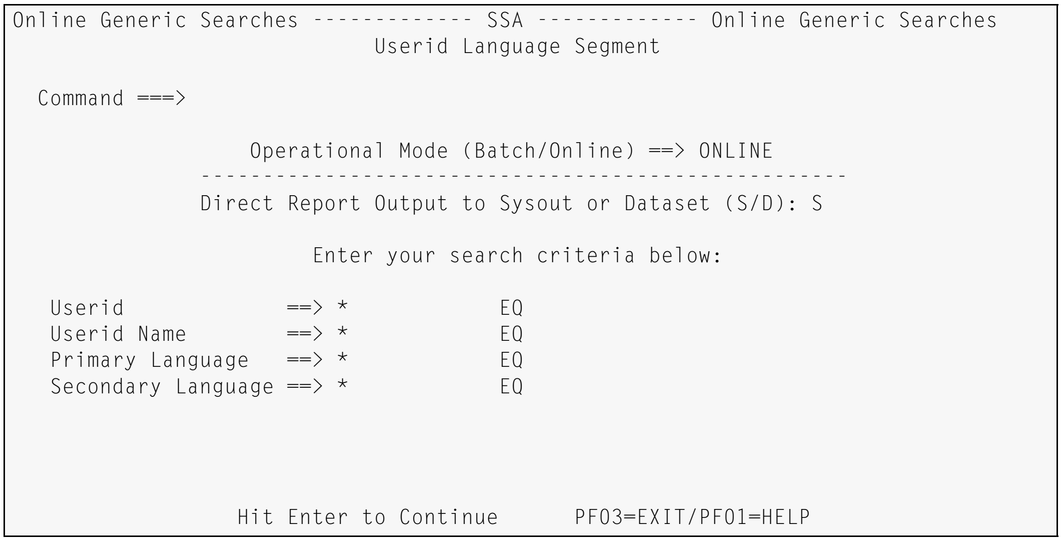
```
Online Generic Searches ------------ SSA ----------- Online Generic Searches
                                Userid DFP Segment
  Command ===>                                               Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V


 SEL   Userid   Data Class  Management Class  Storage Class  Data Application
 ---  --------  ----------  ----------------  -------------  ----------------
 ___  USER01                    TESTMGMT
 ___  TSTU004                   TESTMGMT
 ___  TSTU015                   TESTMGMT
 ___  TSTU016                   TESTMGMT
 ___  TSTU017                   TESTMGMT
 ___  TSTU048                   TESTMGMT
 ___  TSTU065                   TESTMGMT
 ___  TSTU069                   TESTMGMT
*****************************Bottomofdata******************************
```

Various Mode Available Functions

A)	SSA List User
B)	Rebuild DFP Segment
C)	Remove DFP Segment
D)	Issue DFP Segment Command
E)	Pass to Replicate User
F)	Pass to Remove All References
G)	Pass to Password Administration
H)	Pass to Transfer UserID
I)	Pass to Transfer Ownership
J)	Pass to Transfer Notifications
K)	Pass to Access Report
L)	Pass to Ownership Report
M)	RACF LISTUSER

Userid LANGUAGE Segment

Initial generic search screen for Userid LANGUAGE Segment information.



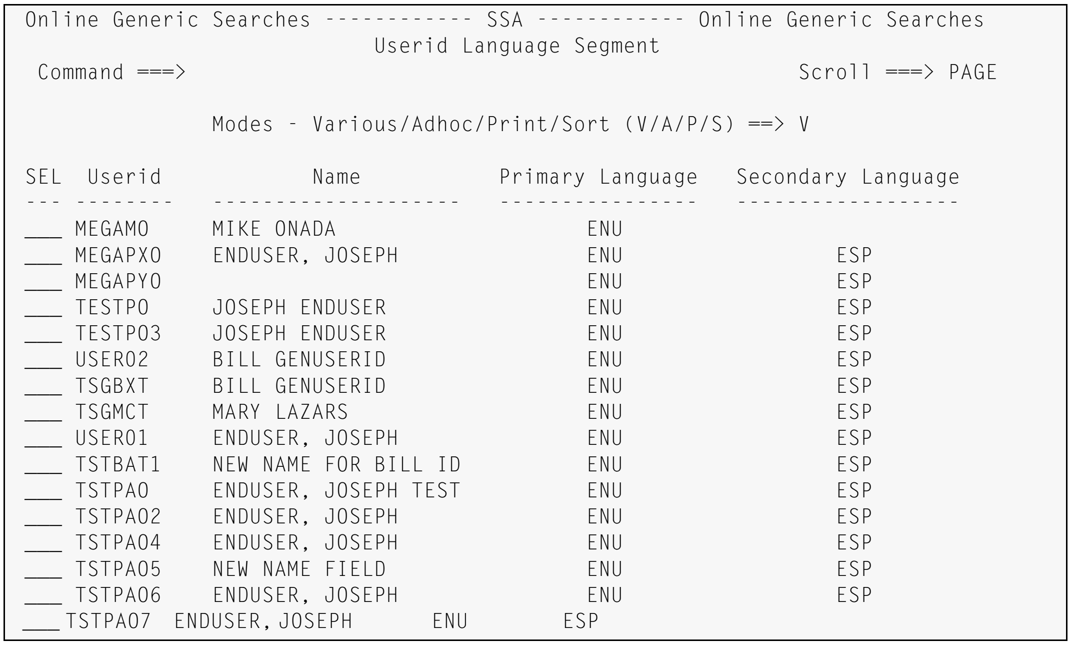
```
Online Generic Searches ------------- SSA ------------- Online Generic Searches
                             Userid Language Segment

  Command ===>

                    Operational Mode (Batch/Online) ==> ONLINE
                ----------------------------------------------------
                Direct Report Output to Sysout or Dataset (S/D): S

                         Enter your search criteria below:

   Userid             ==> *            EQ
   Userid Name        ==> *            EQ
   Primary Language   ==> *            EQ
   Secondary Language ==> *            EQ




                   Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

These examples only indicate the changes to the SSA installed default values.

- Search for all Userids that begin with HR and have a PRIMARY LANGUAGE of Spanish.

```
Userid              ==> HR*                         EQ
Primary Language    ==> ESP                         EQ
```



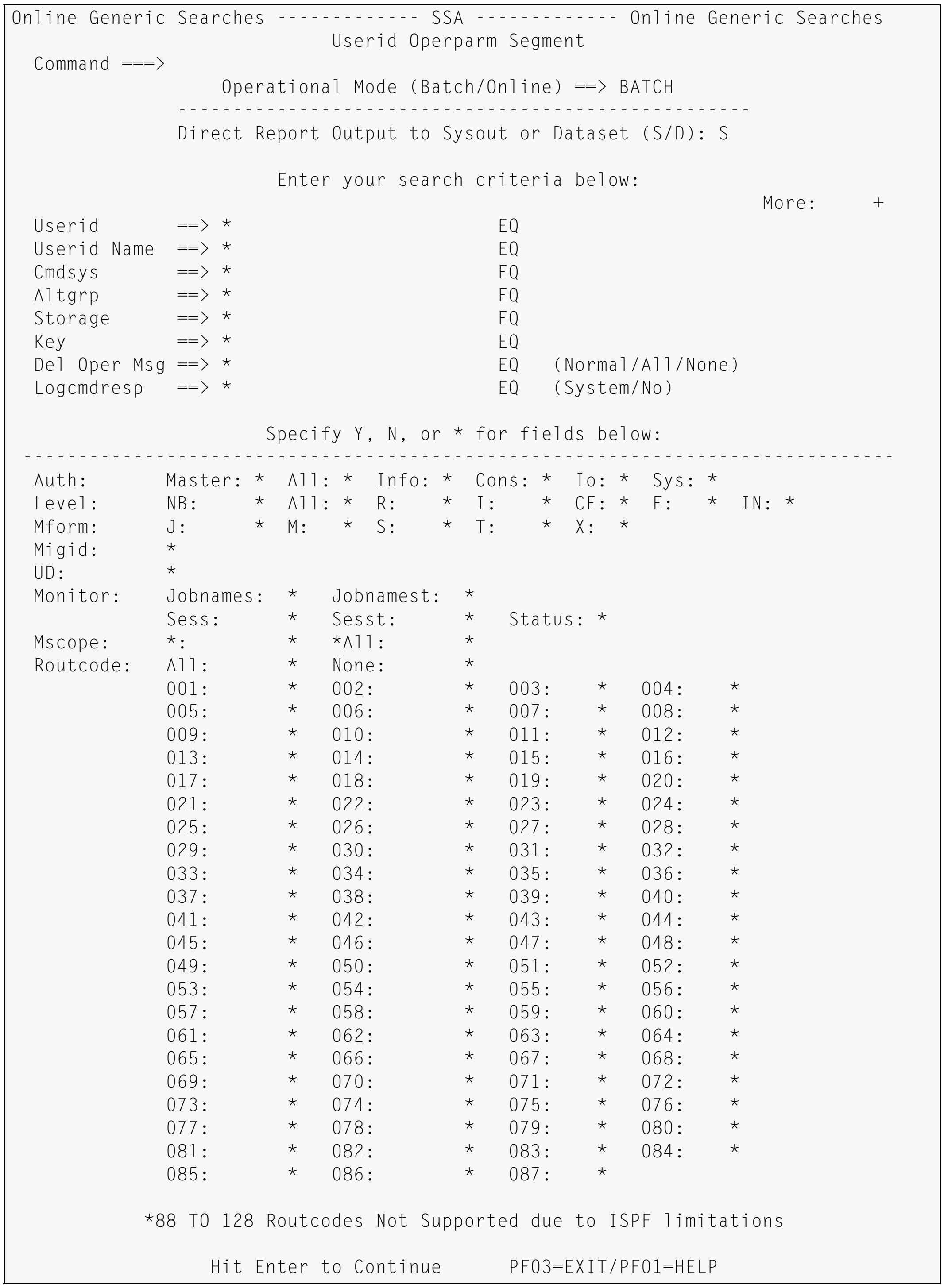
```
 Online Generic Searches ------------ SSA ------------ Online Generic Searches
                             Userid Language Segment
  Command ===>                                                Scroll ===> PAGE

                 Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

 SEL  Userid            Name           Primary Language   Secondary Language
 --- --------    --------------------   ----------------   ------------------
 ___ MEGAMO      MIKE ONADA                    ENU
 ___ MEGAPXO     ENDUSER, JOSEPH               ENU                 ESP
 ___ MEGAPYO                                   ENU                 ESP
 ___ TESTPO      JOSEPH ENDUSER                ENU                 ESP
 ___ TESTPO3     JOSEPH ENDUSER                ENU                 ESP
 ___ USER02      BILL GENUSERID                ENU                 ESP
 ___ TSGBXT      BILL GENUSERID                ENU                 ESP
 ___ TSGMCT      MARY LAZARS                   ENU                 ESP
 ___ USER01      ENDUSER, JOSEPH               ENU                 ESP
 ___ TSTBAT1     NEW NAME FOR BILL ID          ENU                 ESP
 ___ TSTPA0      ENDUSER, JOSEPH TEST          ENU                 ESP
 ___ TSTPA02     ENDUSER, JOSEPH               ENU                 ESP
 ___ TSTPA04     ENDUSER, JOSEPH               ENU                 ESP
 ___ TSTPA05     NEW NAME FIELD                ENU                 ESP
 ___ TSTPA06     ENDUSER, JOSEPH               ENU                 ESP
 ___TSTPA07  ENDUSER,JOSEPH      ENU       ESP
```

Various Mode Available Functions

A) SSA List User
B) Rebuild LANGUAGE Segment
C) Remove LANGUAGE Segment
D) Issue LANGUAGE Segment Command
E) Pass to Replicate User
F) Pass to Remove All References
G) Pass to Password Administration
H) Pass to Transfer UserID
I) Pass to Transfer Ownership
J) Pass to Transfer Notifications
K) Pass to Access Report
L) Pass to Ownership Report
M) RACF LISTUSER

Userid OPERPARM Segment

Initial generic search screen for Userid OPERPARM Segment information.



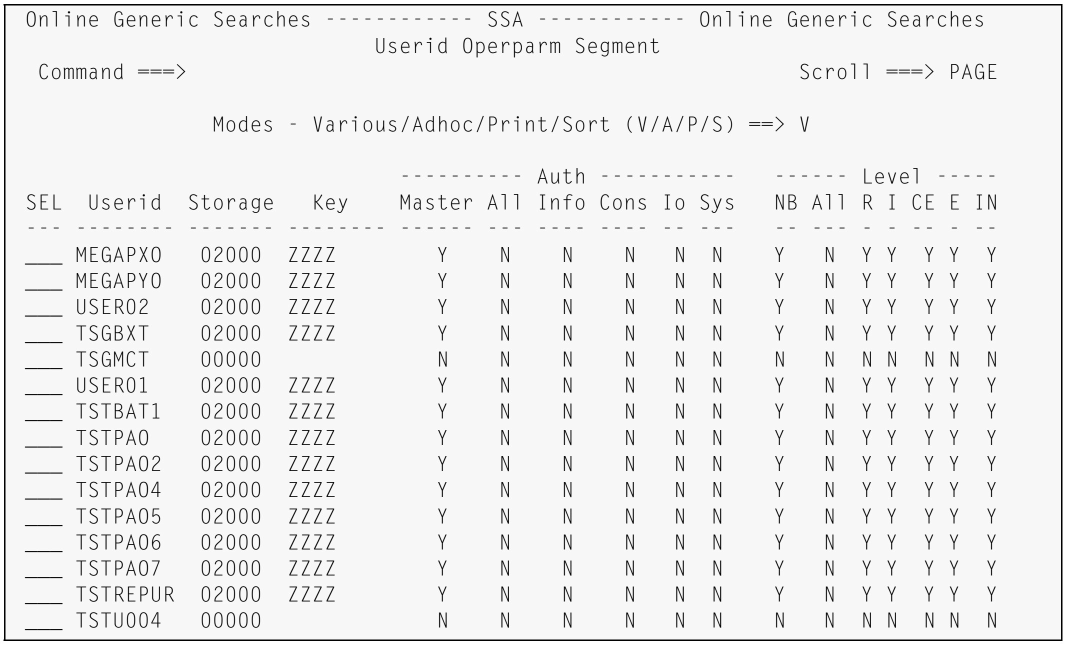
```
Online Generic Searches ------------- SSA ------------- Online Generic Searches
                             Userid Operparm Segment
  Command ===>
                   Operational Mode (Batch/Online) ==> BATCH
               ---------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:
                                                               More:     +
  Userid       ==> *                       EQ
  Userid Name  ==> *                       EQ
  Cmdsys       ==> *                       EQ
  Altgrp       ==> *                       EQ
  Storage      ==> *                       EQ
  Key          ==> *                       EQ
  Del Oper Msg ==> *                       EQ   (Normal/All/None)
  Logcmdresp   ==> *                       EQ   (System/No)

                       Specify Y, N, or * for fields below:
 -------------------------------------------------------------------------------
  Auth:       Master: *  All: *  Info: *  Cons: *  Io: *  Sys: *
  Level:      NB:     *  All: *  R:    *  I:    *  CE: *  E:   *  IN: *
  Mform:      J:      *  M:   *  S:    *  T:    *  X:  *
  Migid:      *
  UD:         *
  Monitor:    Jobnames:  *   Jobnamest:  *
              Sess:      *   Sesst:      *   Status: *
  Mscope:     *:         *   *All:       *
  Routcode:   All:       *   None:       *
              001:       *   002:        *   003:    *   004:    *
              005:       *   006:        *   007:    *   008:    *
              009:       *   010:        *   011:    *   012:    *
              013:       *   014:        *   015:    *   016:    *
              017:       *   018:        *   019:    *   020:    *
              021:       *   022:        *   023:    *   024:    *
              025:       *   026:        *   027:    *   028:    *
              029:       *   030:        *   031:    *   032:    *
              033:       *   034:        *   035:    *   036:    *
              037:       *   038:        *   039:    *   040:    *
              041:       *   042:        *   043:    *   044:    *
              045:       *   046:        *   047:    *   048:    *
              049:       *   050:        *   051:    *   052:    *
              053:       *   054:        *   055:    *   056:    *
              057:       *   058:        *   059:    *   060:    *
              061:       *   062:        *   063:    *   064:    *
              065:       *   066:        *   067:    *   068:    *
              069:       *   070:        *   071:    *   072:    *
              073:       *   074:        *   075:    *   076:    *
              077:       *   078:        *   079:    *   080:    *
              081:       *   082:        *   083:    *   084:    *
              085:       *   086:        *   087:    *

            *88 TO 128 Routcodes Not Supported due to ISPF limitations

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

These examples only indicate the changes to the SSA installed default values.

Search for all Userids that begin with OPER and have a OPERPARM Segment.

```
Userid  ==> OPER*        EQ
```



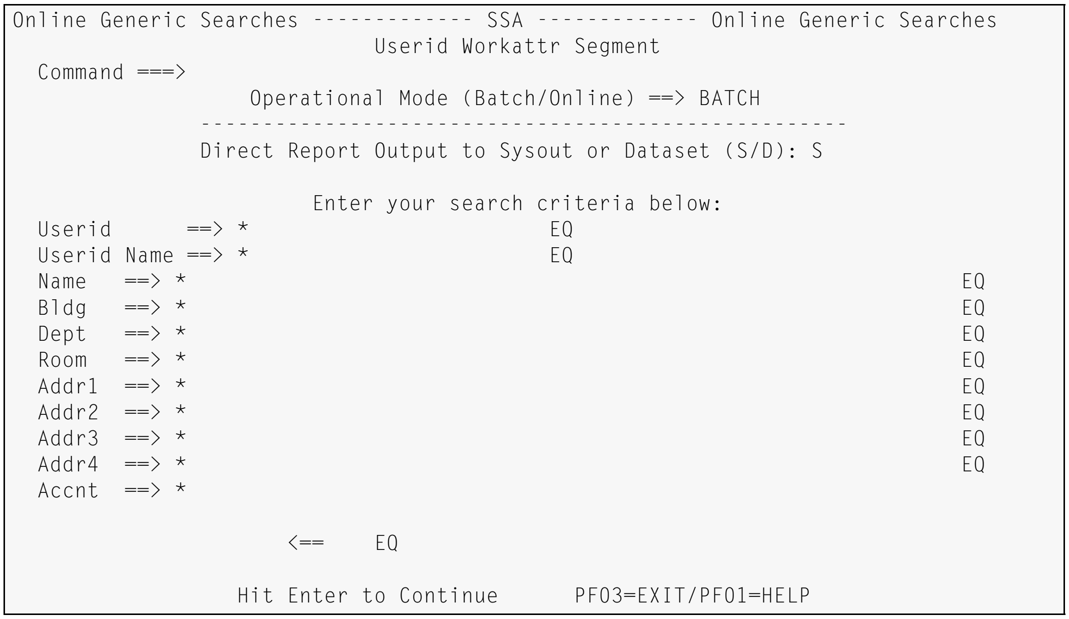
```
 Online Generic Searches ------------ SSA ------------ Online Generic Searches
                             Userid Operparm Segment
  Command ===>                                                   Scroll ===> PAGE

               Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

                                              ---------- Auth -----------    ------ Level -----
 SEL  Userid   Storage    Key     Master All  Info Cons Io Sys    NB All R I CE E IN
 --- -------- ------- -------- ------ --- ---- ---- -- ---    -- --- - - -- - --
 ___ MEGAPX0   02000  ZZZZ          Y     N     N    N   N  N     Y   N  Y Y  Y Y  Y
 ___ MEGAPY0   02000  ZZZZ          Y     N     N    N   N  N     Y   N  Y Y  Y Y  Y
 ___ USER02    02000  ZZZZ          Y     N     N    N   N  N     Y   N  Y Y  Y Y  Y
 ___ TSGBXT    02000  ZZZZ          Y     N     N    N   N  N     Y   N  Y Y  Y Y  Y
 ___ TSGMCT    00000                N     N     N    N   N  N     N   N  N N  N N  N
 ___ USER01    02000  ZZZZ          Y     N     N    N   N  N     Y   N  Y Y  Y Y  Y
 ___ TSTBAT1   02000  ZZZZ          Y     N     N    N   N  N     Y   N  Y Y  Y Y  Y
 ___ TSTPA0    02000  ZZZZ          Y     N     N    N   N  N     Y   N  Y Y  Y Y  Y
 ___ TSTPA02   02000  ZZZZ          Y     N     N    N   N  N     Y   N  Y Y  Y Y  Y
 ___ TSTPA04   02000  ZZZZ          Y     N     N    N   N  N     Y   N  Y Y  Y Y  Y
 ___ TSTPA05   02000  ZZZZ          Y     N     N    N   N  N     Y   N  Y Y  Y Y  Y
 ___ TSTPA06   02000  ZZZZ          Y     N     N    N   N  N     Y   N  Y Y  Y Y  Y
 ___ TSTPA07   02000  ZZZZ          Y     N     N    N   N  N     Y   N  Y Y  Y Y  Y
 ___ TSTREPUR  02000  ZZZZ          Y     N     N    N   N  N     Y   N  Y Y  Y Y  Y
 ___ TSTU004   00000                N     N     N    N   N  N     N   N  N N  N N  N
```

Various Mode Available Functions

A)	SSA List User
B)	Rebuild OPERPARM Segment
C)	Remove OPERPARM Segment
D)	Issue OPERPARM Segment Command
E)	Pass to Replicate User
F)	Pass to Remove All References
G)	Pass to Password Administration
H)	Pass to Transfer UserID
I)	Pass to Transfer Ownership
J)	Pass to Transfer Notifications
K)	Pass to Access Report
L)	Pass to Ownership Report
M)	RACF LISTUSER

Userid WORKATTR Segment

Initial generic search screen for Userid WORKATTR Segment information.



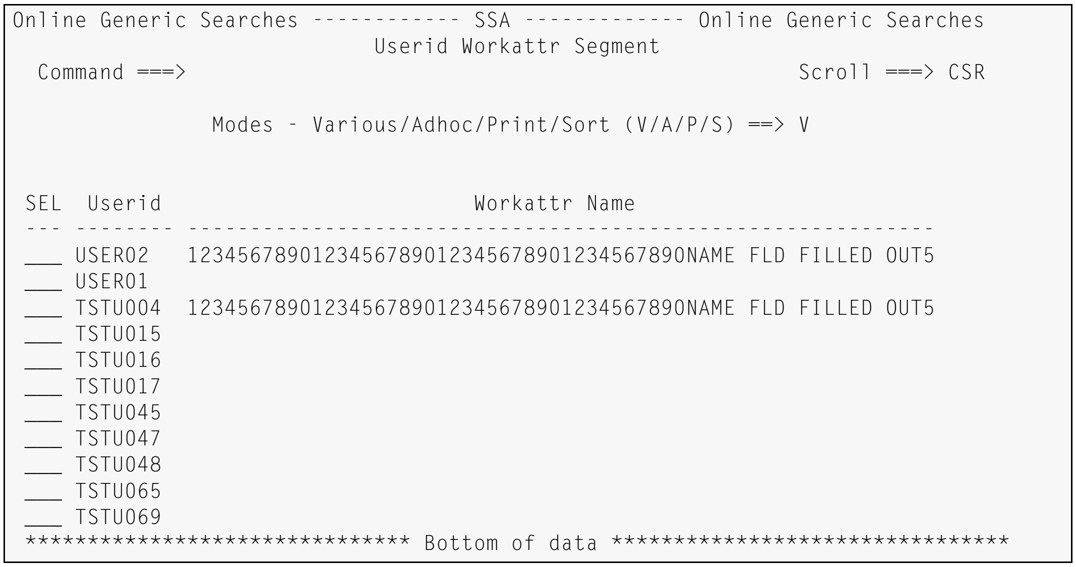
```
Online Generic Searches ------------- SSA ------------- Online Generic Searches
                             Userid Workattr Segment
  Command ===>
                   Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:
  Userid      ==> *                       EQ
  Userid Name ==> *                       EQ
  Name   ==> *                                                             EQ
  Bldg   ==> *                                                             EQ
  Dept   ==> *                                                             EQ
  Room   ==> *                                                             EQ
  Addr1  ==> *                                                             EQ
  Addr2  ==> *                                                             EQ
  Addr3  ==> *                                                             EQ
  Addr4  ==> *                                                             EQ
  Accnt  ==> *

                    <==    EQ

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

These examples only indicate the changes to the SSA installed default values.

- Search for all Userids that begin with ACCT and have a Addr3 value of 1234 Any Street - 7th Floor.

```
Userid ==> ACCT*        EQ
Addr3  ==> 1234 ANY STREET - 7TH FLOOR                       EQ
```



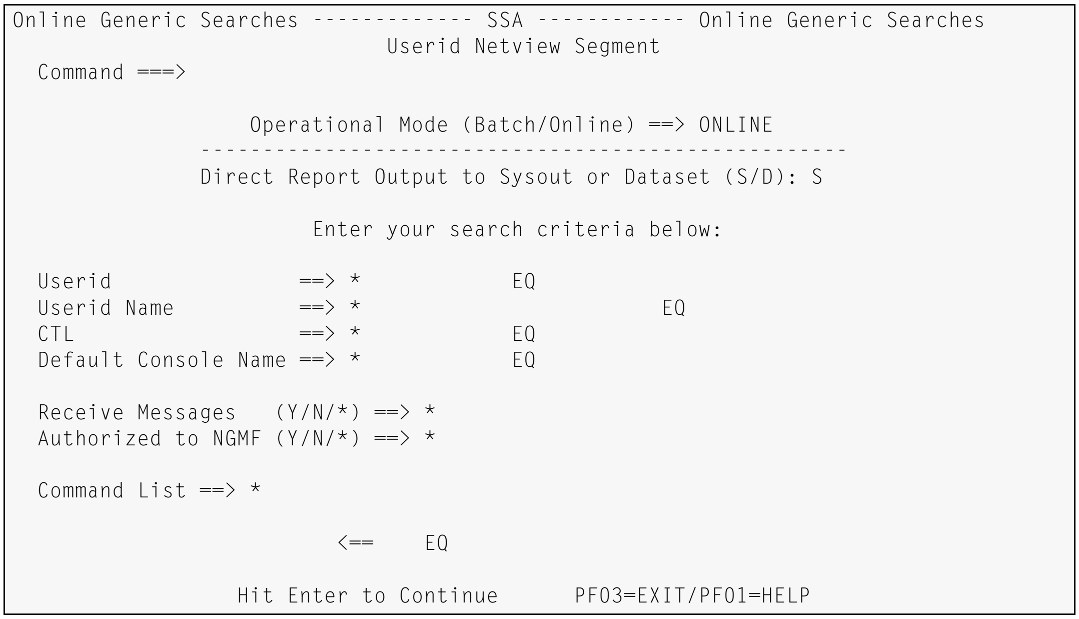
```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                             Userid Workattr Segment
  Command ===>                                            Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V


 SEL  Userid                        Workattr Name
 --- -------- ------------------------------------------------------------
 ___ USER02   1234567890123456789012345678901234567890NAME FLD FILLED OUT5
 ___ USER01
 ___ TSTU004  1234567890123456789012345678901234567890NAME FLD FILLED OUT5
 ___ TSTU015
 ___ TSTU016
 ___ TSTU017
 ___ TSTU045
 ___ TSTU047
 ___ TSTU048
 ___ TSTU065
 ___ TSTU069
 ******************************* Bottom of data ********************************
```

Various Mode Available Functions

A)	SSA List User
B)	Rebuild WORKATTR Segment
C)	Remove WORKATTR Segment
D)	Issue WORKATTR Segment Command
E)	Pass to Replicate User
F)	Pass to Remove All References
G)	Pass to Password Administration
H)	Pass to Transfer UserID
I)	Pass to Transfer Ownership
J)	Pass to Transfer Notifications
K)	Pass to Access Report
L)	Pass to Ownership Report
M)	RACF LISTUSER

Userid NETVIEW Segment

Initial generic search screen for Userid NETVIEW Segment information.



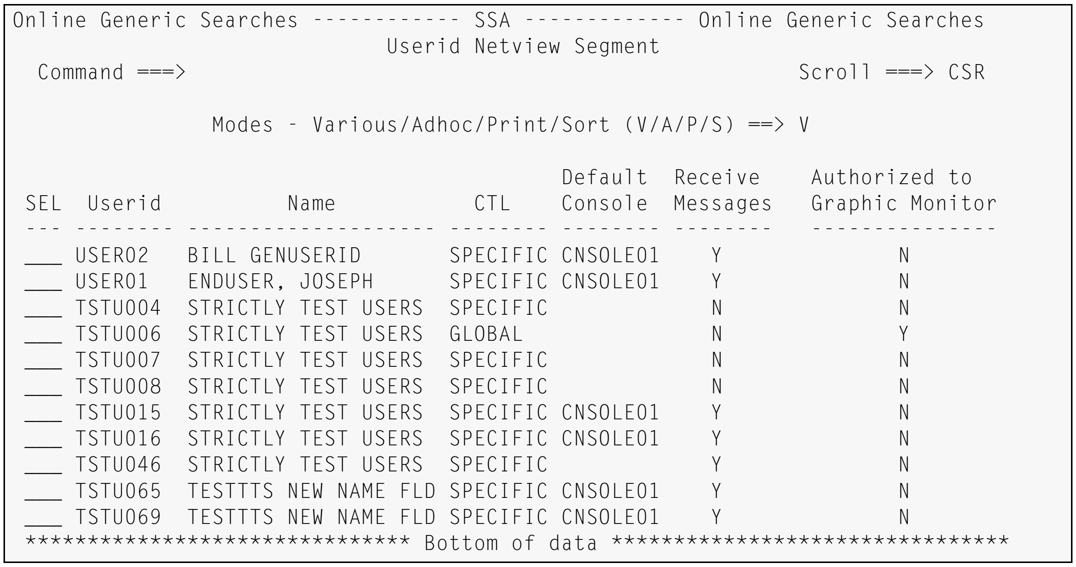
```
Online Generic Searches ------------ SSA ----------- Online Generic Searches
                             Userid Netview Segment
  Command ===>

                    Operational Mode (Batch/Online) ==> ONLINE
                ---------------------------------------------------
                Direct Report Output to Sysout or Dataset (S/D): S

                         Enter your search criteria below:

  Userid              ==> *           EQ
  Userid Name         ==> *                       EQ
  CTL                 ==> *           EQ
  Default Console Name ==> *          EQ

  Receive Messages   (Y/N/*) ==> *
  Authorized to NGMF (Y/N/*) ==> *

  Command List ==> *

                          <==    EQ

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

These examples only indicate the changes to the SSA installed default values.

- Search for all Userids that begin with T and are Authorized to the NGMF Facility in NetView.

```
Userid ==> T*           EQ
Authorized to NGMF (Y/N/*) ==> Y
```



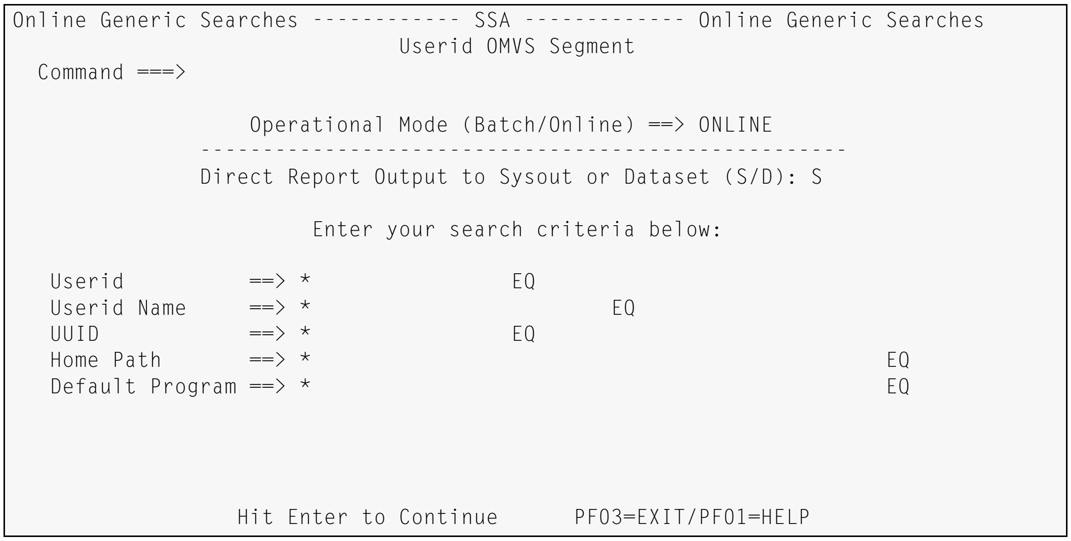
```
Online Generic Searches ----------- SSA ------------ Online Generic Searches
                             Userid Netview Segment
  Command ===>                                              Scroll ===> CSR

                 Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

                                        Default  Receive    Authorized to
 SEL  Userid          Name          CTL     Console  Messages   Graphic Monitor
 --- -------- ------------------- -------- -------- --------   ---------------
 ___ USER02   BILL GENUSERID      SPECIFIC CNSOLE01    Y              N
 ___ USER01   ENDUSER, JOSEPH     SPECIFIC CNSOLE01    Y              N
 ___ TSTU004  STRICTLY TEST USERS SPECIFIC             N              N
 ___ TSTU006  STRICTLY TEST USERS GLOBAL               N              Y
 ___ TSTU007  STRICTLY TEST USERS SPECIFIC             N              N
 ___ TSTU008  STRICTLY TEST USERS SPECIFIC             N              N
 ___ TSTU015  STRICTLY TEST USERS SPECIFIC CNSOLE01    Y              N
 ___ TSTU016  STRICTLY TEST USERS SPECIFIC CNSOLE01    Y              N
 ___ TSTU046  STRICTLY TEST USERS SPECIFIC             Y              N
 ___ TSTU065  TESTTTS NEW NAME FLD SPECIFIC CNSOLE01   Y              N
 ___ TSTU069  TESTTTS NEW NAME FLD SPECIFIC CNSOLE01   Y              N
 ****************************** Bottom of data *******************************
```

Various Mode Available Functions

A)	SSA List User
B)	Rebuild NETVIEW Segment
C)	Remove NETVIEW Segment
D)	Issue NETVIEW Segment Command
E)	Pass to Replicate User
F)	Pass to Remove All References
G)	Pass to Password Administration
H)	Pass to Transfer UserID
I)	Pass to Transfer Ownership
J)	Pass to Transfer Notifications
K)	Pass to Access Report
L)	Pass to Ownership Report
M)	RACF LISTUSER

Userid OMVS Segment

Initial generic search screen for Userid OMVS Segment information.



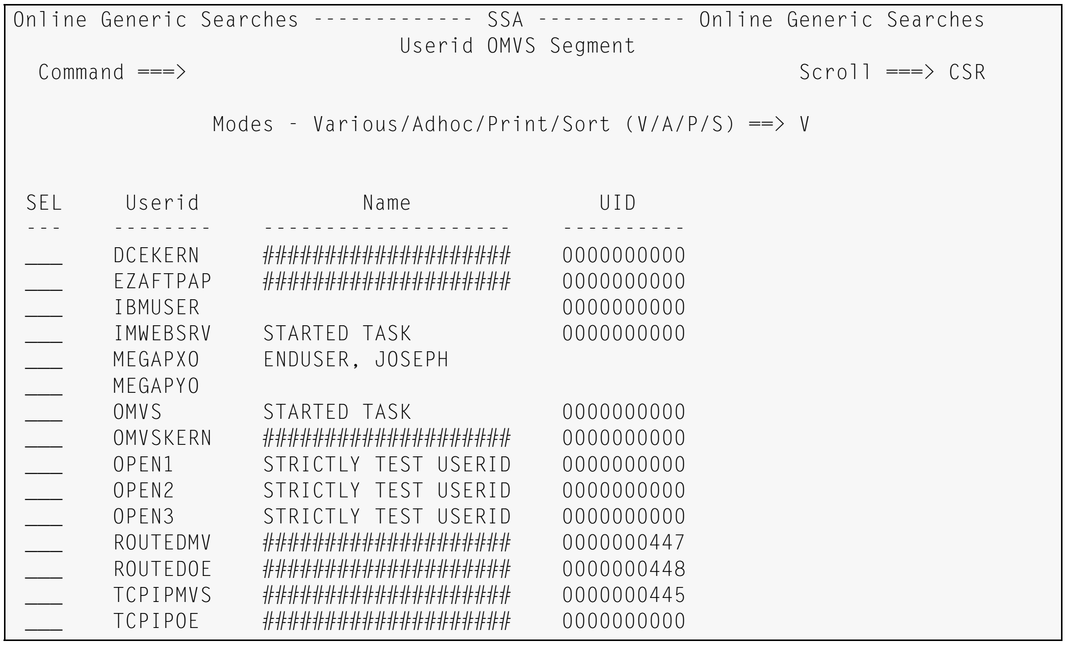
```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                               Userid OMVS Segment
  Command ===>

                   Operational Mode (Batch/Online) ==> ONLINE
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:

   Userid          ==> *                EQ
   Userid Name     ==> *                        EQ
   UUID            ==> *                EQ
   Home Path       ==> *                                      EQ
   Default Program ==> *                                      EQ




                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

These examples only indicate the changes to the SSA installed default values.

- Search for all Userids that have a UUID that begins with 0 (zero) and has a Home Path of Root.

```
UUID            ==> 0*                EQ
Home Path       ==> /root                                   EQ
```



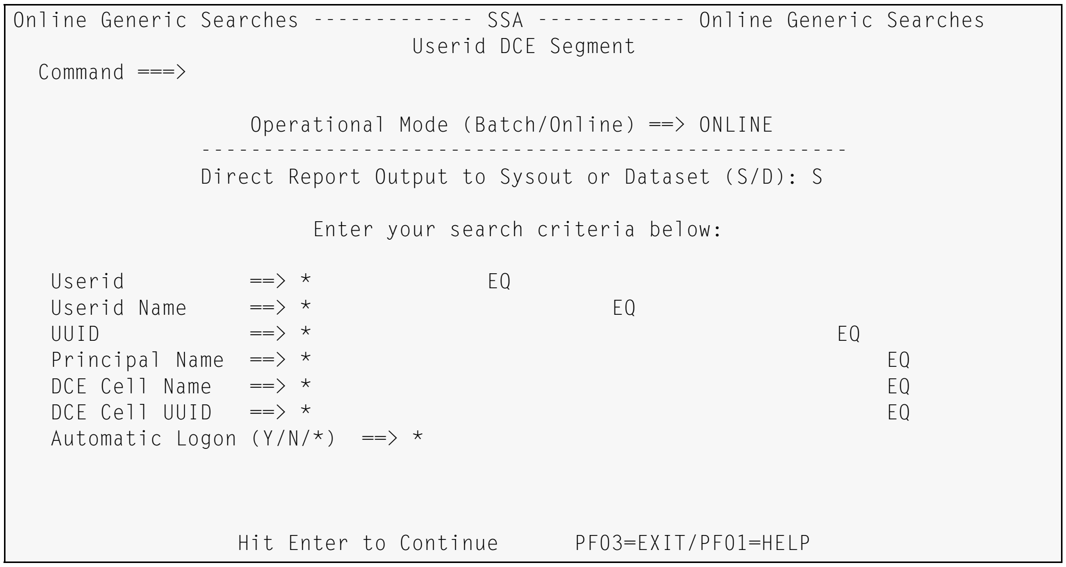
```
Online Generic Searches ------------- SSA ------------ Online Generic Searches
                               Userid OMVS Segment
  Command ===>                                                Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V


 SEL     Userid            Name              UID
 ---    --------    --------------------    ----------
 ___    DCEKERN     ####################    0000000000
 ___    EZAFTPAP    ####################    0000000000
 ___    IBMUSER                             0000000000
 ___    IMWEBSRV    STARTED TASK            0000000000
 ___    MEGAPXO     ENDUSER, JOSEPH
 ___    MEGAPYO
 ___    OMVS        STARTED TASK            0000000000
 ___    OMVSKERN    ####################    0000000000
 ___    OPEN1       STRICTLY TEST USERID    0000000000
 ___    OPEN2       STRICTLY TEST USERID    0000000000
 ___    OPEN3       STRICTLY TEST USERID    0000000000
 ___    ROUTEDMV    ####################    0000000447
 ___    ROUTEDOE    ####################    0000000448
 ___    TCPIPMVS    ####################    0000000445
 ___    TCPIPOE     ####################    0000000000
```

Various Mode Available Functions

A)	SSA List User
B)	Rebuild OMVS Segment
C)	Remove OMVS Segment
D)	Issue OMVS Segment Command
E)	Pass to Replicate User
F)	Pass to Remove All References
G)	Pass to Password Administration
H)	Pass to Transfer UserID
I)	Pass to Transfer Ownership
J)	Pass to Transfer Notifications
K)	Pass to Access Report
L)	Pass to Ownership Report
M)	RACF LISTUSER

Userid DCE Segment

Initial generic search screen for Userid DCE Segment information.



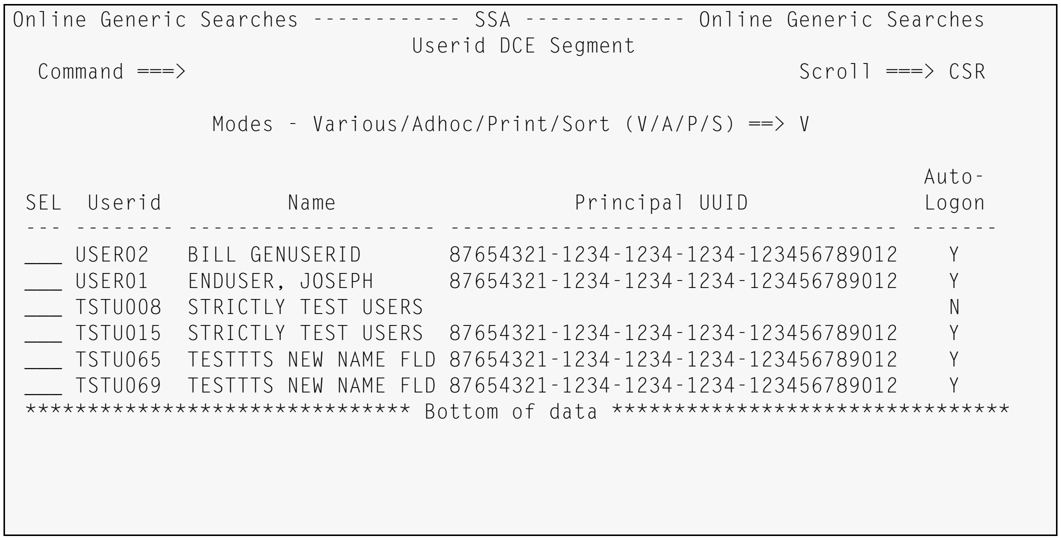
```
Online Generic Searches ------------- SSA ------------ Online Generic Searches
                                Userid DCE Segment
  Command ===>

                   Operational Mode (Batch/Online) ==> ONLINE
               ---------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:

   Userid          ==> *              EQ
   Userid Name     ==> *                        EQ
   UUID            ==> *                                         EQ
   Principal Name  ==> *                                             EQ
   DCE Cell Name   ==> *                                             EQ
   DCE Cell UUID   ==> *                                             EQ
   Automatic Logon (Y/N/*)  ==> *



                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

These examples only indicate the changes to the SSA installed default values.

- Search for all Userids that begin with ACCT, a UUID greater than 0, and has automatic logon activated.

```
Userid          ==> ACCT*          EQ
UUID            ==> 0                                          GT
Automatic Logon (Y/N/*)  ==> Y
```



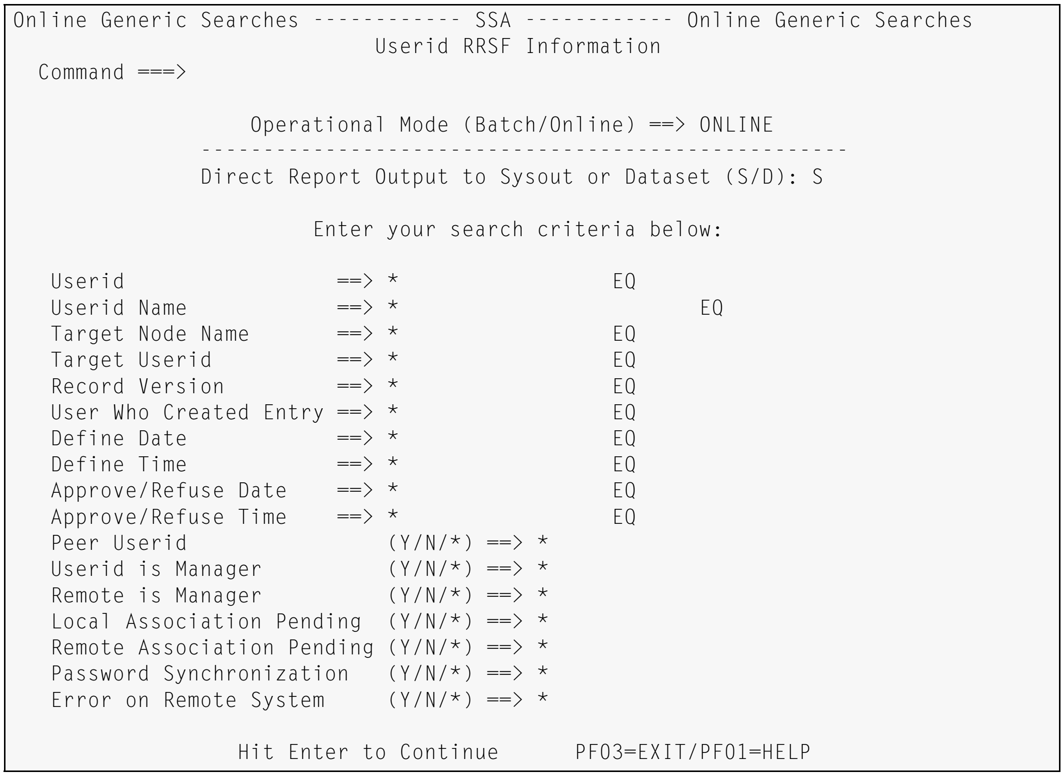
```
Online Generic Searches ----------- SSA ------------- Online Generic Searches
                                Userid DCE Segment
  Command ===>                                                Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

                                                                       Auto-
 SEL  Userid          Name                    Principal UUID           Logon
 --- -------- -------------------- ----------------------------------- -------
 ___ USER02   BILL GENUSERID       87654321-1234-1234-1234-123456789012    Y
 ___ USER01   ENDUSER, JOSEPH      87654321-1234-1234-1234-123456789012    Y
 ___ TSTU008  STRICTLY TEST USERS                                          N
 ___ TSTU015  STRICTLY TEST USERS  87654321-1234-1234-1234-123456789012    Y
 ___ TSTU065  TESTTTS NEW NAME FLD 87654321-1234-1234-1234-123456789012    Y
 ___ TSTU069  TESTTTS NEW NAME FLD 87654321-1234-1234-1234-123456789012    Y
 ******************************* Bottom of data ********************************
```

Various Mode Available Functions

A)	SSA List User
B)	Rebuild DCE Segment
C)	Remove DCE Segment
D)	Issue DCE Segment Command
E)	Pass to Replicate User
F)	Pass to Remove All References
G)	Pass to Password Administration
H)	Pass to Transfer UserID
I)	Pass to Transfer Ownership
J)	Pass to Transfer Notifications
K)	Pass to Access Report
L)	Pass to Ownership Report
M)	RACF LISTUSER

Userid RRSF Associations

Initial generic search screen for Userid RRSF information.



```
Online Generic Searches ------------ SSA ------------ Online Generic Searches
                             Userid RRSF Information
  Command ===>

                   Operational Mode (Batch/Online) ==> ONLINE
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:

   Userid                 ==> *                 EQ
   Userid Name            ==> *                        EQ
   Target Node Name       ==> *                 EQ
   Target Userid          ==> *                 EQ
   Record Version         ==> *                 EQ
   User Who Created Entry ==> *                 EQ
   Define Date            ==> *                 EQ
   Define Time            ==> *                 EQ
   Approve/Refuse Date    ==> *                 EQ
   Approve/Refuse Time    ==> *                 EQ
   Peer Userid                (Y/N/*) ==> *
   Userid is Manager          (Y/N/*) ==> *
   Remote is Manager          (Y/N/*) ==> *
   Local Association Pending  (Y/N/*) ==> *
   Remote Association Pending (Y/N/*) ==> *
   Password Synchronization   (Y/N/*) ==> *
   Error on Remote System     (Y/N/*) ==> *

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

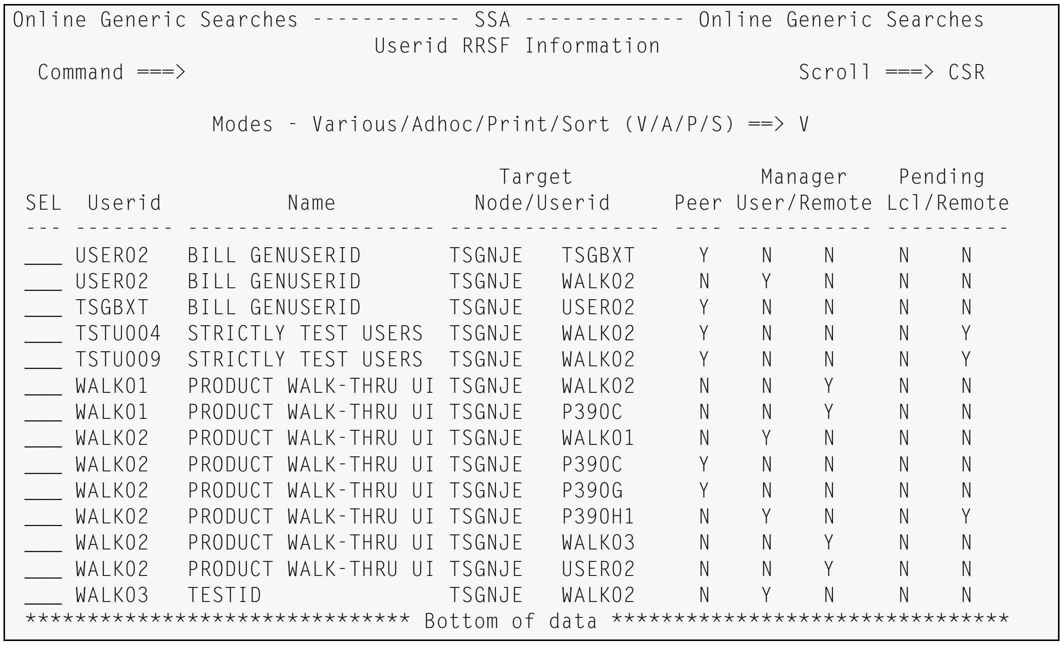
These examples only indicate the changes to the SSA installed default values.

- Search for all Userids that have a target UserID that begins with SYS and is a peer association.

```
Target Userid          ==> SYS*              EQ
Peer Userid    (Y/N/*) ==> Y
```

- Search for all Userids that have password synchronization active.

```
Password Synchronization   (Y/N/*) ==> Y
```



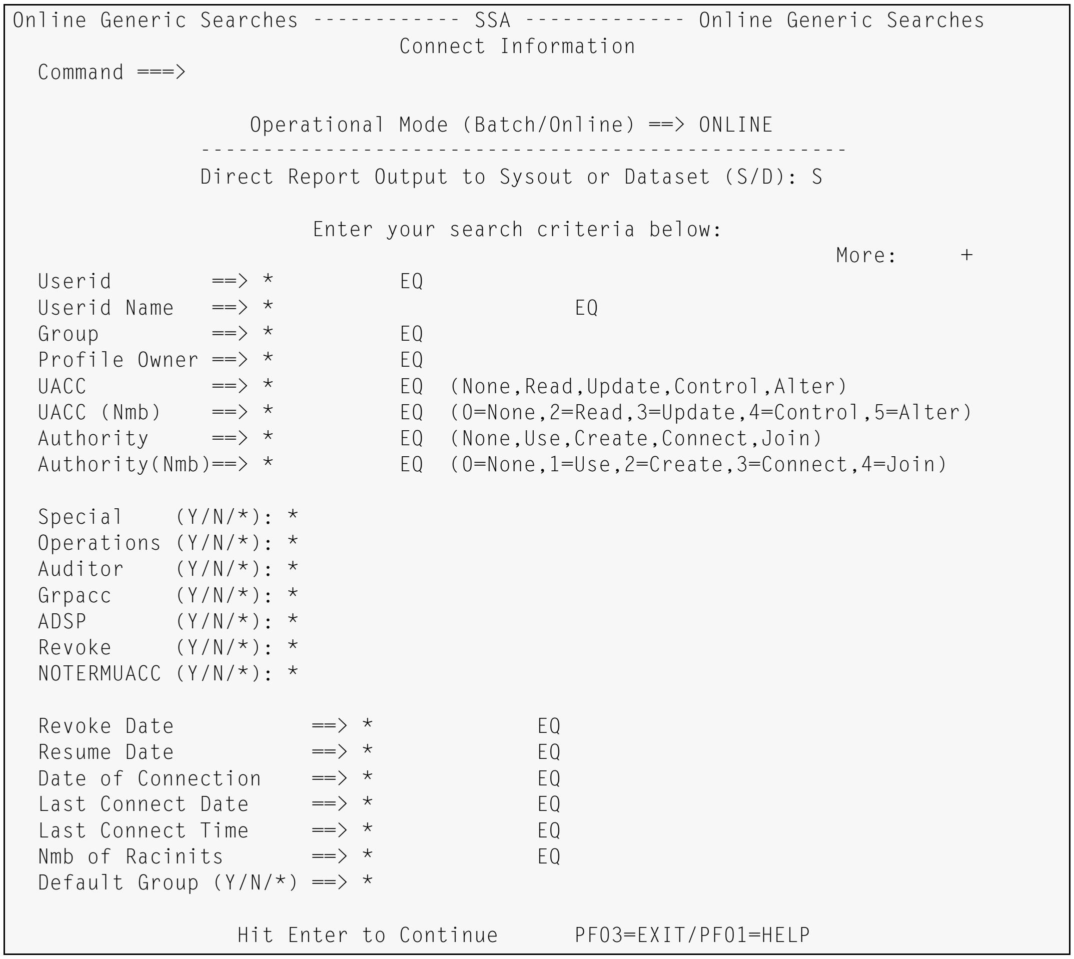
```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                             Userid RRSF Information
  Command ===>                                                Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

                                                  Target             Manager    Pending
 SEL  Userid          Name           Node/Userid      Peer User/Remote Lcl/Remote
 --- -------- ------------------- ----------------- ---- ----------- ----------
 ___ USER02   BILL GENUSERID       TSGNJE   TSGBXT      Y    N    N     N    N
 ___ USER02   BILL GENUSERID       TSGNJE   WALK02      N    Y    N     N    N
 ___ TSGBXT   BILL GENUSERID       TSGNJE   USER02      Y    N    N     N    N
 ___ TSTU004  STRICTLY TEST USERS  TSGNJE   WALK02      Y    N    N     N    Y
 ___ TSTU009  STRICTLY TEST USERS  TSGNJE   WALK02      Y    N    N     N    Y
 ___ WALK01   PRODUCT WALK-THRU UI TSGNJE   WALK02      N    N    Y     N    N
 ___ WALK01   PRODUCT WALK-THRU UI TSGNJE   P390C       N    N    Y     N    N
 ___ WALK02   PRODUCT WALK-THRU UI TSGNJE   WALK01      N    Y    N     N    N
 ___ WALK02   PRODUCT WALK-THRU UI TSGNJE   P390C       Y    N    N     N    N
 ___ WALK02   PRODUCT WALK-THRU UI TSGNJE   P390G       Y    N    N     N    N
 ___ WALK02   PRODUCT WALK-THRU UI TSGNJE   P390H1      N    Y    N     N    Y
 ___ WALK02   PRODUCT WALK-THRU UI TSGNJE   WALK03      N    N    Y     N    N
 ___ WALK02   PRODUCT WALK-THRU UI TSGNJE   USER02      N    N    Y     N    N
 ___ WALK03   TESTID               TSGNJE   WALK02      N    Y    N     N    N
 ******************************* Bottom of data ********************************
```

Various Mode Available Functions

A) SSA List User
B) Define New Association
C) Undefine the Association For Peer Associations:
D) Model the Association
E) Change the Association For Managed Associations:
F) Model the Association
G) Change the Association
H) Pass to Replicate User
I) Pass to Remove All References
J) Pass to Password Administration
K) Pass to Transfer UserID
L) Pass to Transfer Ownership
M) Pass to Transfer Notifications
N) Pass to Access Report
O) Pass to Ownership Report
P) RACF LISTUSER (Current Node Only)

Connect Information

Initial generic search screen for Connect Information.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                               Connect Information
  Command ===>

                   Operational Mode (Batch/Online) ==> ONLINE
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:
                                                                  More:     +
  Userid        ==> *          EQ
  Userid Name   ==> *                        EQ
  Group         ==> *          EQ
  Profile Owner ==> *          EQ
  UACC          ==> *          EQ  (None,Read,Update,Control,Alter)
  UACC (Nmb)    ==> *          EQ  (0=None,2=Read,3=Update,4=Control,5=Alter)
  Authority     ==> *          EQ  (None,Use,Create,Connect,Join)
  Authority(Nmb)==> *          EQ  (0=None,1=Use,2=Create,3=Connect,4=Join)

  Special    (Y/N/*): *
  Operations (Y/N/*): *
  Auditor    (Y/N/*): *
  Grpacc     (Y/N/*): *
  ADSP       (Y/N/*): *
  Revoke     (Y/N/*): *
  NOTERMUACC (Y/N/*): *

  Revoke Date           ==> *             EQ
  Resume Date           ==> *             EQ
  Date of Connection    ==> *             EQ
  Last Connect Date     ==> *             EQ
  Last Connect Time     ==> *             EQ
  Nmb of Racinits       ==> *             EQ
  Default Group (Y/N/*) ==> *

                  Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

Search Examples

These examples only indicate the changes to the SSA installed default values.

- Search for all Userids that have group-Operations to any group.

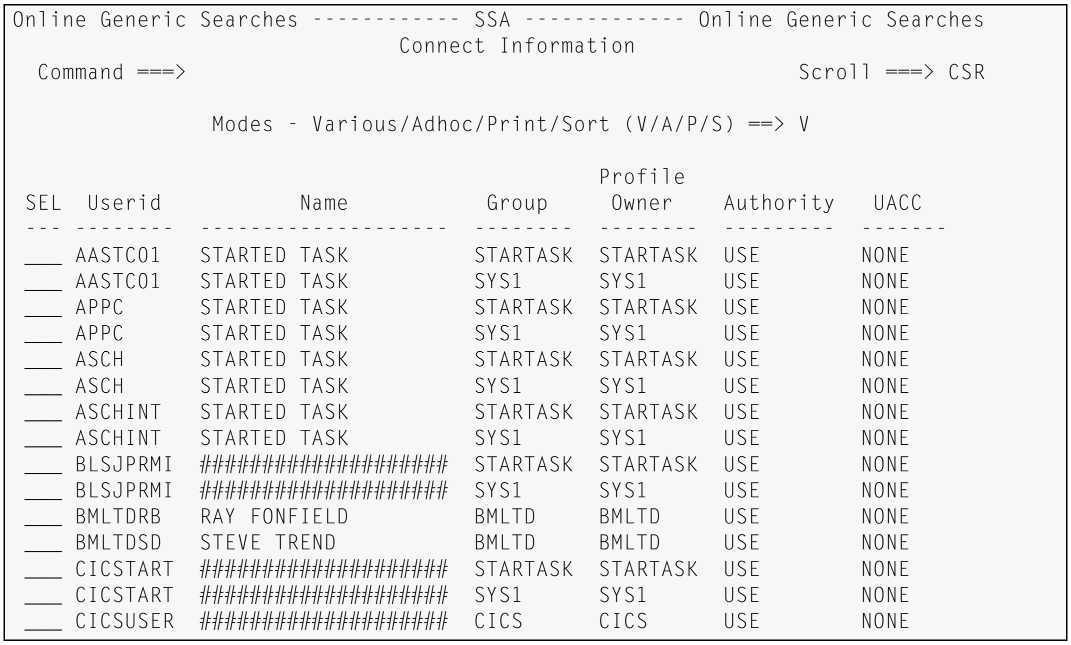
```
Operations (Y/N/*): Y
```

- Search for all Userids that begin with CICS and have group-REVOKE.

```
Userid          ==> CICS*          EQ
Revoke     (Y/N/*): Y
```

- Search for all Userids that begin with TSO and are in groups that begin with PAY.

```
Userid          ==> TSO*           EQ
Group           ==> PAY*           EQ
```



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                               Connect Information
  Command ===>                                                 Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

                                               Profile
 SEL  Userid           Name           Group     Owner     Authority   UACC
 --- --------  --------------------  --------  --------  ---------  -------
 ___ AASTC01   STARTED TASK          STARTASK  STARTASK  USE        NONE
 ___ AASTC01   STARTED TASK          SYS1      SYS1      USE        NONE
 ___ APPC      STARTED TASK          STARTASK  STARTASK  USE        NONE
 ___ APPC      STARTED TASK          SYS1      SYS1      USE        NONE
 ___ ASCH      STARTED TASK          STARTASK  STARTASK  USE        NONE
 ___ ASCH      STARTED TASK          SYS1      SYS1      USE        NONE
 ___ ASCHINT   STARTED TASK          STARTASK  STARTASK  USE        NONE
 ___ ASCHINT   STARTED TASK          SYS1      SYS1      USE        NONE
 ___ BLSJPRMI  ####################  STARTASK  STARTASK  USE        NONE
 ___ BLSJPRMI  ####################  SYS1      SYS1      USE        NONE
 ___ BMLTDRB   RAY FONFIELD          BMLTD     BMLTD     USE        NONE
 ___ BMLTDSD   STEVE TREND           BMLTD     BMLTD     USE        NONE
 ___ CICSTART  ####################  STARTASK  STARTASK  USE        NONE
 ___ CICSTART  ####################  SYS1      SYS1      USE        NONE
 ___ CICSUSER  ####################  CICS      CICS      USE        NONE
```

Various Mode Available Functions

A) SSA List User

B) Re-Issue (Modify) the Connect

C) Remove the Connect Profile

D) Issue Connect For Another Userid

E) Pass to Replicate User

F) Pass to Remove All References

G) Pass to Password Administration

H) Pass to Connect Administration

I) Pass to Transfer UserID

J) Pass to Transfer Ownership

K) Pass to Transfer Notifications

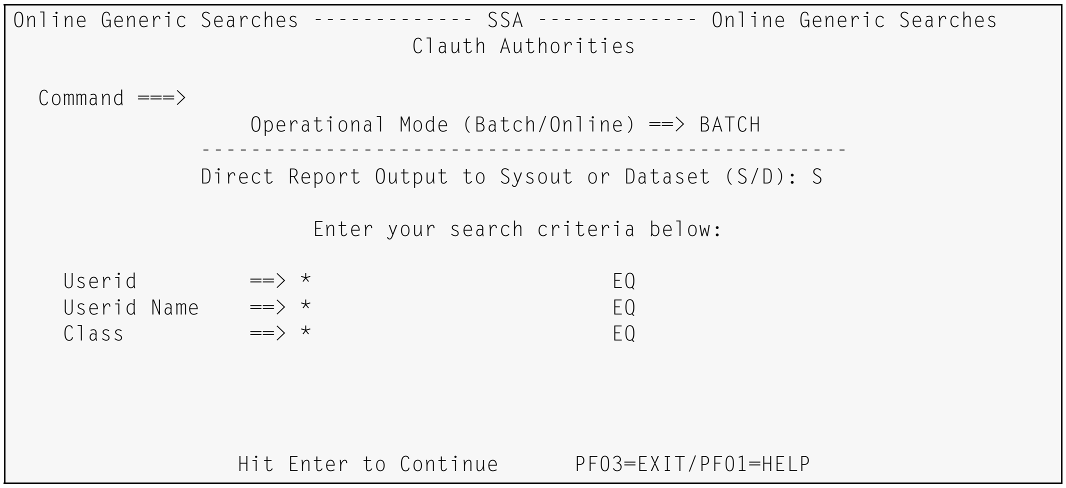
L) Pass to Access Report

M) Pass to Ownership Report

N) RACF LISTUSER

CLAUTH Authorities

Initial generic search screen for Userid Clauth Authorities.



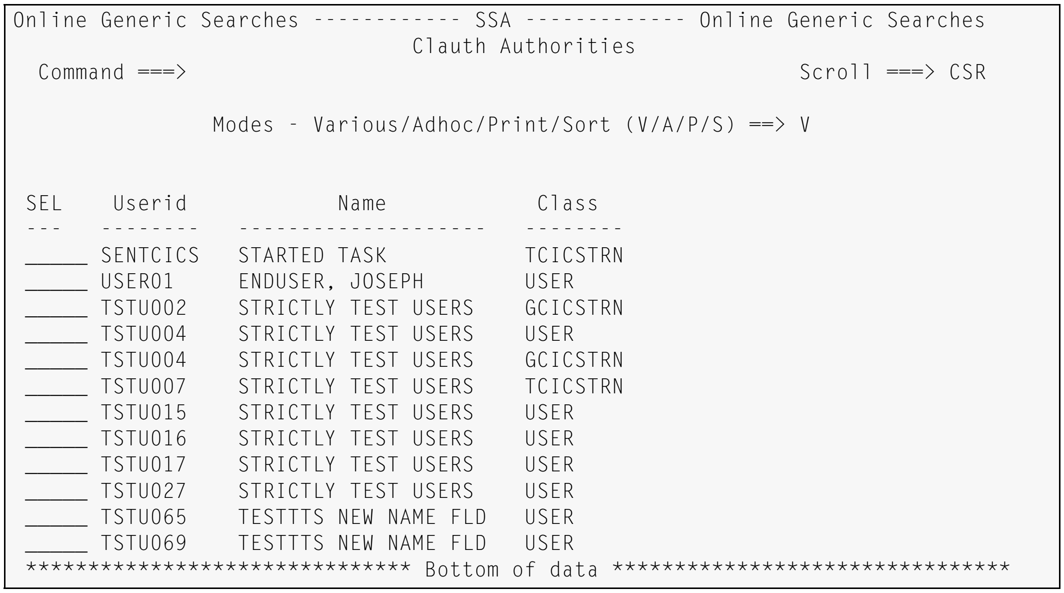
```
Online Generic Searches ------------- SSA ------------- Online Generic Searches
                                Clauth Authorities

  Command ===>
                   Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:

    Userid         ==> *                        EQ
    Userid Name    ==> *                        EQ
    Class          ==> *                        EQ




                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

These examples only indicate the changes to the SSA installed default values.

- Search for all Userids that have CLAUTH authority to the User class.

```
Class    ==> USER          EQ
```



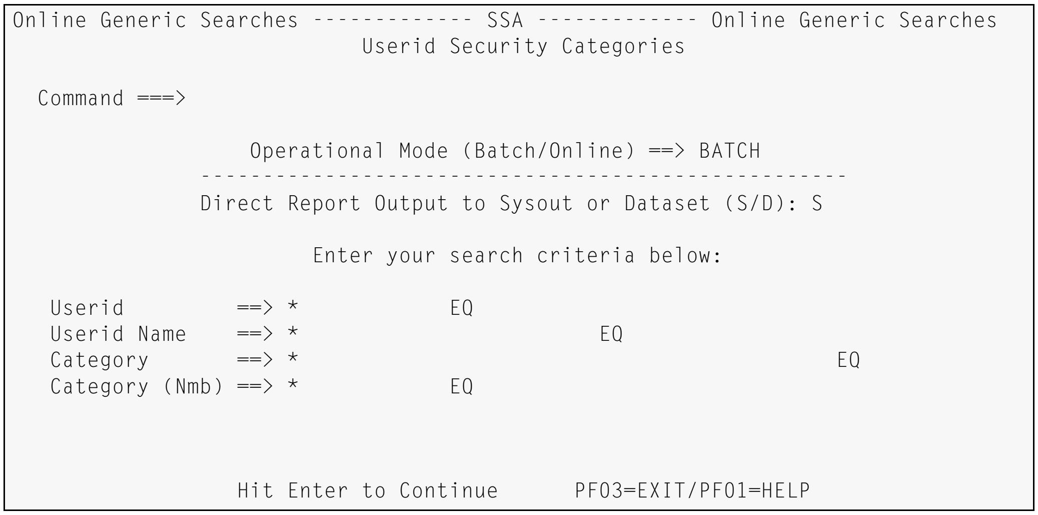
```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                                Clauth Authorities
  Command ===>                                                 Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V


 SEL    Userid            Name            Class
 ---   --------   --------------------   --------
 _____ SENTCICS   STARTED TASK           TCICSTRN
 _____ USER01     ENDUSER, JOSEPH        USER
 _____ TSTU002    STRICTLY TEST USERS    GCICSTRN
 _____ TSTU004    STRICTLY TEST USERS    USER
 _____ TSTU004    STRICTLY TEST USERS    GCICSTRN
 _____ TSTU007    STRICTLY TEST USERS    TCICSTRN
 _____ TSTU015    STRICTLY TEST USERS    USER
 _____ TSTU016    STRICTLY TEST USERS    USER
 _____ TSTU017    STRICTLY TEST USERS    USER
 _____ TSTU027    STRICTLY TEST USERS    USER
 _____ TSTU065    TESTTTS NEW NAME FLD   USER
 _____ TSTU069    TESTTTS NEW NAME FLD   USER
 ******************************* Bottom of data ********************************
```

Various Mode Available Functions

A)	SSA List User
B)	Re-Issue the CLAUTH Authority
C)	Remove the CLAUTH Authority
D)	Issue CLAUTH Command
E)	Display Connects with Group Special
F)	Pass to Replicate User
G)	Pass to Remove All References
H)	Pass to Password Administration
I)	Pass to Transfer UserID
J)	Pass to Transfer Ownership
K)	Pass to Transfer Notifications
L)	Pass to Replicate Resource Class
M)	Pass to Transfer Resource Class
N)	Pass to Access Report
O)	Pass to Ownership Report
P)	RACF LISTUSER

Userid Security Categories

Initial generic search screen for Userid Security Categories.



```
Online Generic Searches ------------- SSA ------------- Online Generic Searches
                            Userid Security Categories

  Command ===>

                   Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:

   Userid         ==> *            EQ
   Userid Name    ==> *                        EQ
   Category       ==> *                                          EQ
   Category (Nmb) ==> *            EQ



                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

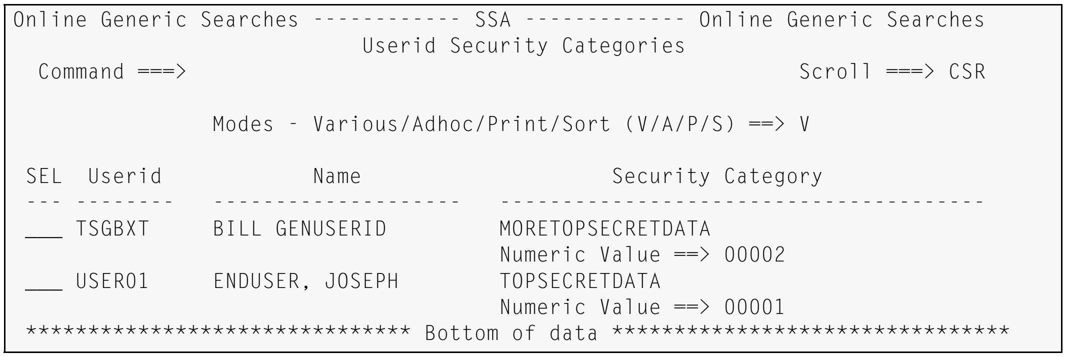
These examples only indicate the changes to the SSA installed default values.

- Search for all Userids that have the TOPSECRETINFO category.

  ```
  Category       ==> TOPSECRETINFO                                   EQ
  ```

- Search for all Userids that have a security category number greater than 5.

  ```
  Category (Nmb) ==> 00005            GT
  ```



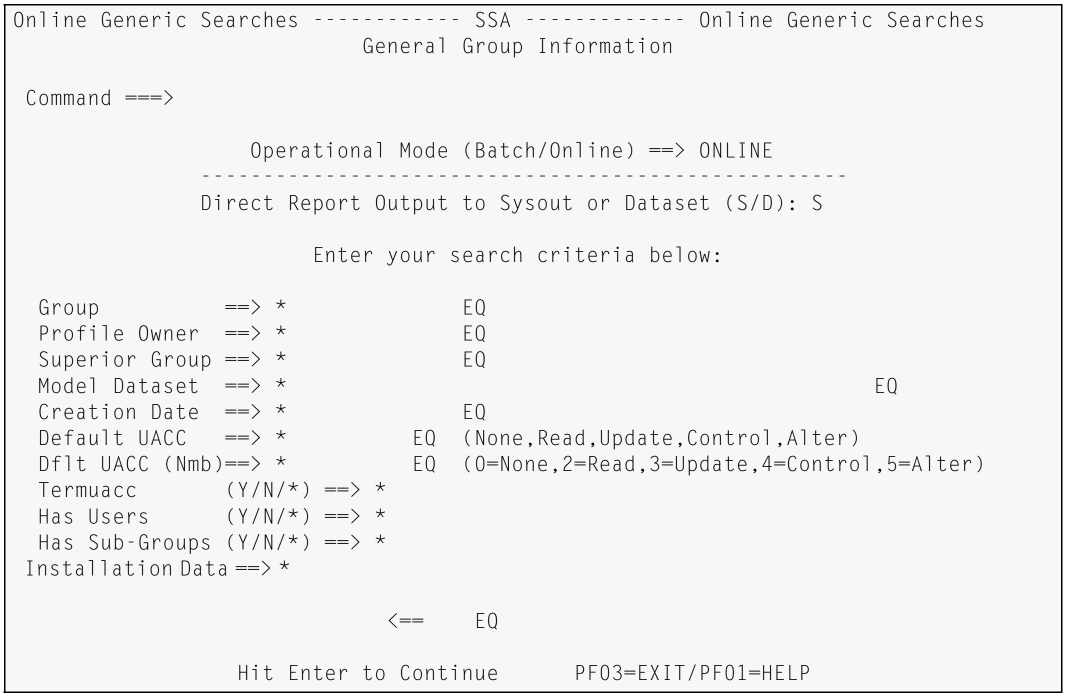
```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                            Userid Security Categories
  Command ===>                                                Scroll ===> CSR

               Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

 SEL  Userid            Name                    Security Category
 --- --------    --------------------   ---------------------------------------
 ___ TSGBXT      BILL GENUSERID         MORETOPSECRETDATA
                                        Numeric Value ==> 00002
 ___ USER01      ENDUSER, JOSEPH        TOPSECRETDATA
                                        Numeric Value ==> 00001
 ******************************* Bottom of data ********************************
```

Various Mode Available Functions

A)	SSA List User
B)	Re-Issue the Security Category Entry
C)	Remove the Security Category Entry
D)	Issue Security Category Command
E)	Pass to Replicate User
F)	Pass to Remove All References
G)	Pass to Password Administration
H)	Pass to Transfer UserID
I)	Pass to Transfer Ownership
J)	Pass to Transfer Notifications
K)	Pass to Access Report
L)	Pass to Ownership Report
M)	RACF LISTUSER

General Group Information

Initial generic search screen for General Group information.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                            General Group Information

 Command ===>

                   Operational Mode (Batch/Online) ==> ONLINE
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:

  Group          ==> *              EQ
  Profile Owner  ==> *              EQ
  Superior Group ==> *              EQ
  Model Dataset  ==> *                                             EQ
  Creation Date  ==> *              EQ
  Default UACC   ==> *          EQ  (None,Read,Update,Control,Alter)
  Dflt UACC (Nmb)==> *          EQ  (0=None,2=Read,3=Update,4=Control,5=Alter)
  Termuacc       (Y/N/*) ==> *
  Has Users      (Y/N/*) ==> *
  Has Sub-Groups (Y/N/*) ==> *
 Installation Data ==> *

                              <==    EQ

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

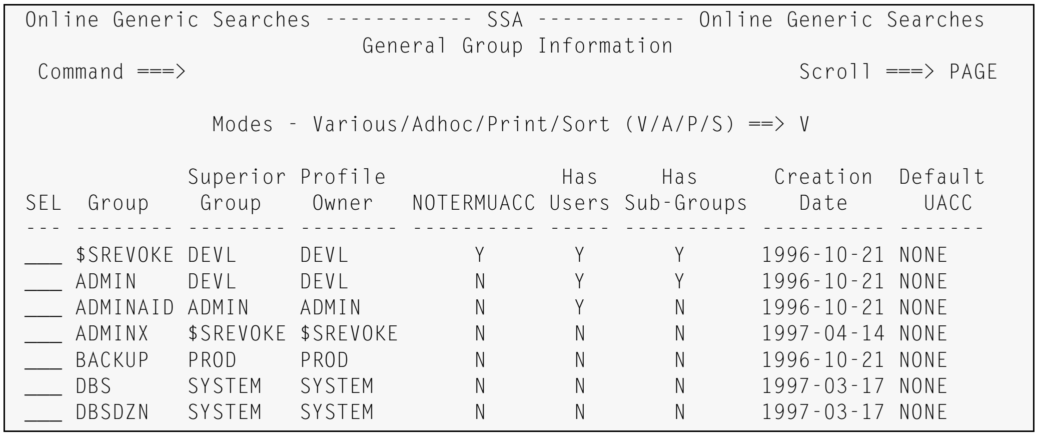
These examples only indicate the changes to the SSA installed default values.

- Search for all Groups that begin with PAY and do not have any users.

```
Group          ==> PAY*         EQ
Has Users      (Y/N/*): N
```

- Search for all Groups that have a superior group of HR and have sub-groups.

```
Superior Group ==> HR             EQ
Has Sub-groups (Y/N/*): Y
```



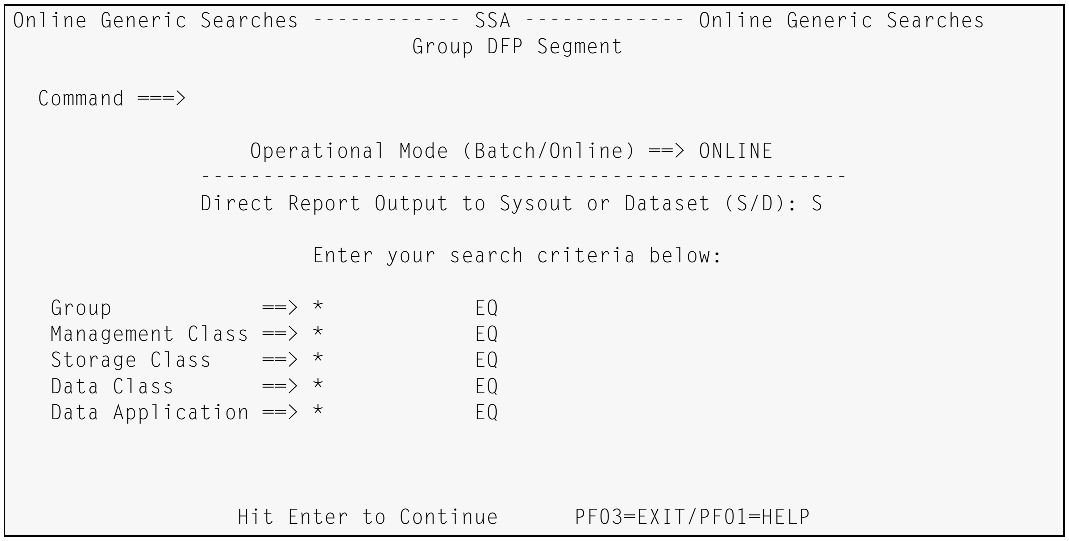
```
 Online Generic Searches ------------ SSA ------------ Online Generic Searches
                            General Group Information
  Command ===>                                                Scroll ===> PAGE

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

             Superior Profile             Has    Has      Creation  Default
 SEL  Group    Group    Owner   NOTERMUACC Users Sub-Groups   Date      UACC
 --- -------- -------- -------- ---------- ----- ---------- ---------- -------
 ___ $SREVOKE DEVL     DEVL         Y        Y       Y      1996-10-21 NONE
 ___ ADMIN    DEVL     DEVL         N        Y       Y      1996-10-21 NONE
 ___ ADMINAID ADMIN    ADMIN        N        Y       N      1996-10-21 NONE
 ___ ADMINX   $SREVOKE $SREVOKE     N        N       N      1997-04-14 NONE
 ___ BACKUP   PROD     PROD         N        N       N      1996-10-21 NONE
 ___ DBS      SYSTEM   SYSTEM       N        N       N      1997-03-17 NONE
 ___ DBSDZN   SYSTEM   SYSTEM       N        N       N      1997-03-17 NONE
```

Various Mode Available Functions

A)	SSA List Group
B)	Display Users in Group
C)	Display DATASET Profiles (HLQ=GROUP)
D)	Display Permits to DATASET Profiles
E)	Display Permits to General Resources
F)	Edit Installation Data
G)	Display DFP Segment
H)	Display OMVS Segment
I)	Pass to Replicate Group
J)	Pass to Remove All References
K)	Pass to Transfer Group
L)	Pass to Transfer Ownership
M)	Pass to Access Report
N)	Pass to Ownership Report
O)	List Catalog Entry (LISTC Command)
P)	RACF LISTGROUP

Group DFP Segment

Initial generic search screen for Group DFP Segment information.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                                Group DFP Segment

  Command ===>

                   Operational Mode (Batch/Online) ==> ONLINE
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:

   Group            ==> *            EQ
   Management Class ==> *            EQ
   Storage Class    ==> *            EQ
   Data Class       ==> *            EQ
   Data Application ==> *            EQ



                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

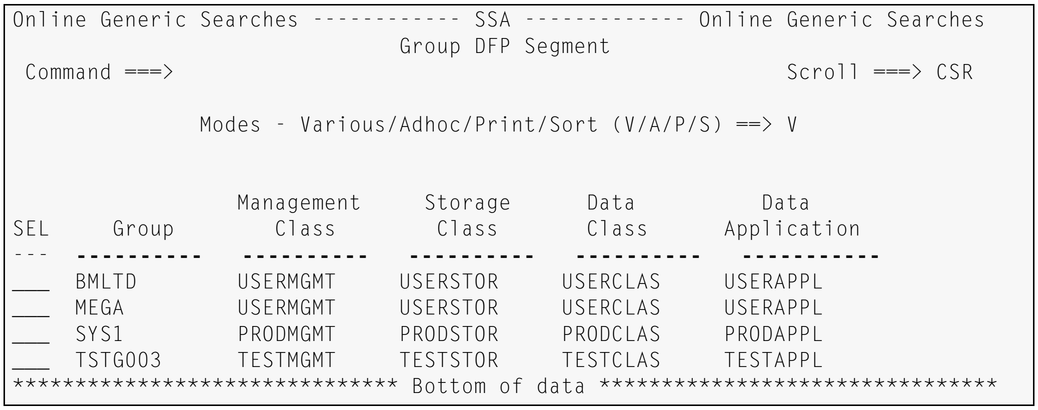
These examples only indicate the changes to the SSA installed default values.

- Search for all Groups that begin with PAY and have a Management Class of ENDUSER.

```
Group            ==> PAY*          EQ
Management Class ==> ENDUSER       EQ
```

- Search for all Groups that have Storage Class of SYSDA and do not have a Data Application of DATAGRP.

```
Storage Class    ==> SYSDA         EQ
Data Application ==> DATAGRP       NE
```



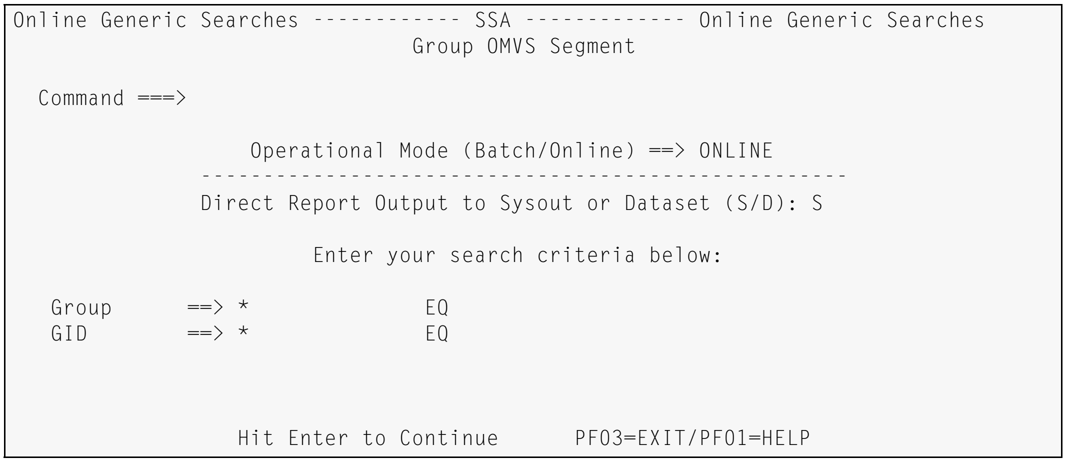
```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                               Group DFP Segment
 Command ===>                                                Scroll ===> CSR

               Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V


                  Management     Storage      Data         Data
SEL     Group        Class        Class       Class      Application
---  ----------   ----------   ----------   ----------   -----------
___  BMLTD        USERMGMT     USERSTOR     USERCLAS     USERAPPL
___  MEGA         USERMGMT     USERSTOR     USERCLAS     USERAPPL
___  SYS1         PRODMGMT     PRODSTOR     PRODCLAS     PRODAPPL
___  TSTG003      TESTMGMT     TESTSTOR     TESTCLAS     TESTAPPL
****************************** Bottom of data ********************************
```

Various Mode Available Functions

A) SSA List Group
B) Rebuild DFP Segment
C) Remove DFP Segment
D) Issue DFP Segment Command
E) Display Users in Group
F) Display Subgroups
G) Pass to Replicate Group
H) Pass to Remove All References
I) Pass to Transfer Group
J) Pass to Transfer Ownership
K) Pass to Access Report
L) Pass to Ownership Report
M) RACF LISTGROUP

Group OMVS Segment

Initial generic search screen for Group OMVS Segment information



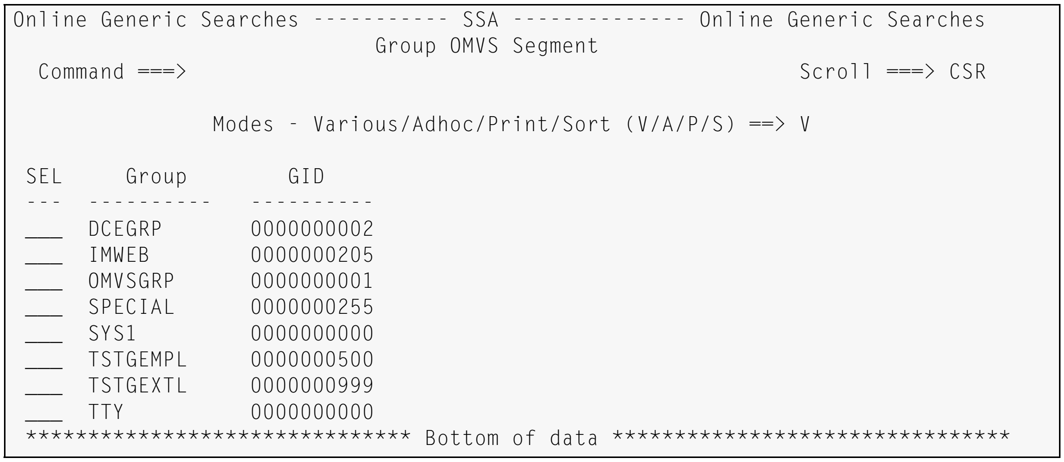
```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                                Group OMVS Segment

  Command ===>

                  Operational Mode (Batch/Online) ==> ONLINE
              ---------------------------------------------------
              Direct Report Output to Sysout or Dataset (S/D): S

                       Enter your search criteria below:

   Group      ==> *              EQ
   GID        ==> *              EQ



                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

These examples only indicate the changes to the SSA installed default values.

- Search for all Groups that begin with PAY.

```
Group      ==> PAY*           EQ
```



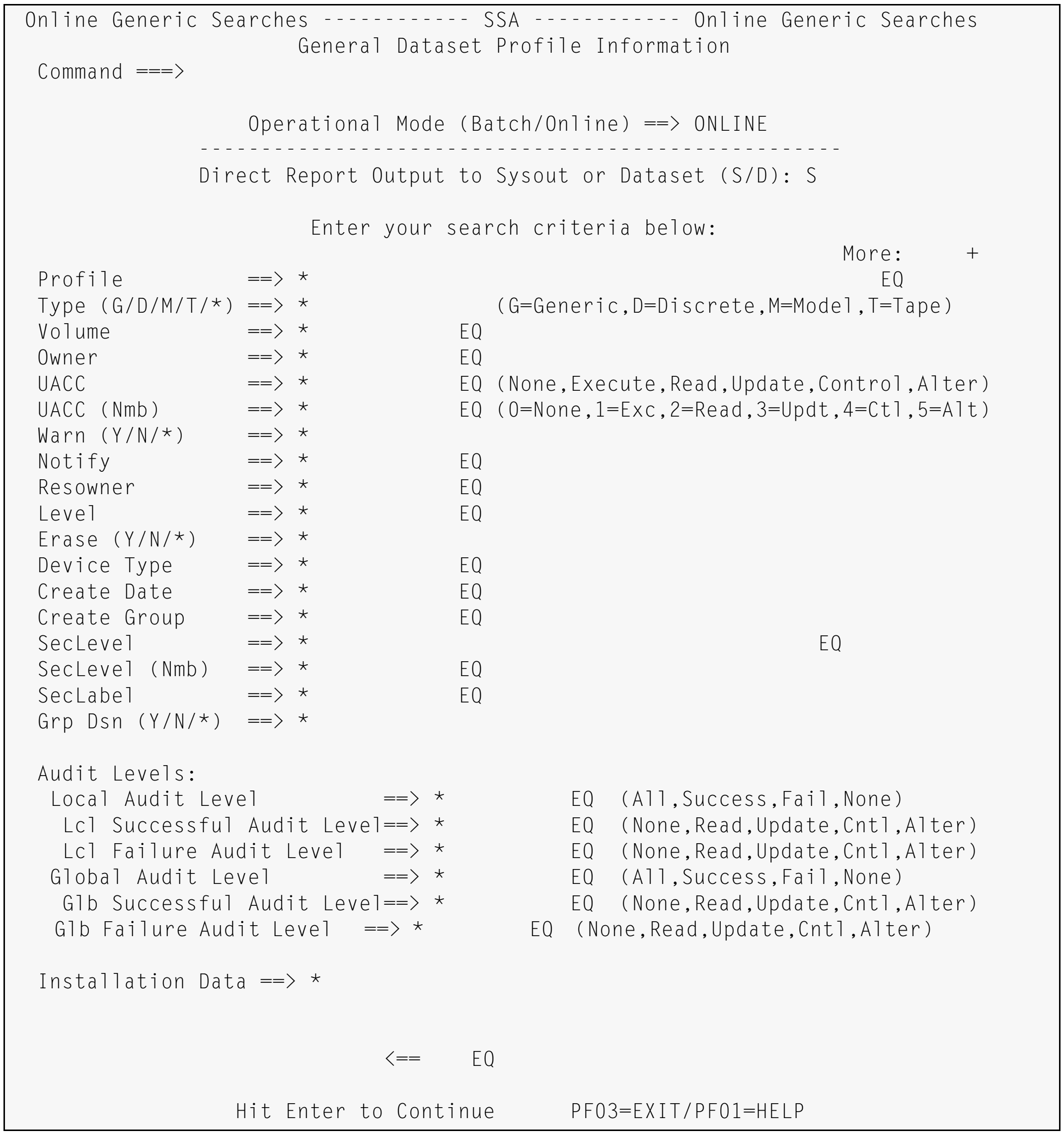
```
Online Generic Searches ----------- SSA -------------- Online Generic Searches
                             Group OMVS Segment
  Command ===>                                               Scroll ===> CSR

               Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

 SEL     Group        GID
 ---   ----------   ----------
 ___   DCEGRP       0000000002
 ___   IMWEB        0000000205
 ___   OMVSGRP      0000000001
 ___   SPECIAL      0000000255
 ___   SYS1         0000000000
 ___   TSTGEMPL     0000000500
 ___   TSTGEXTL     0000000999
 ___   TTY          0000000000
 ****************************** Bottom of data ********************************
```

Various Mode Available Functions

A)	SSA List Group
B)	Rebuild OMVS Segment
C)	Remove OMVS Segment
D)	Issue OMVS Segment Command
E)	Display Users in Group
F)	Display Subgroups
G)	Pass to Replicate Group
H)	Pass to Remove All References
I)	Pass to Transfer Group
J)	Pass to Transfer Ownership
K)	Pass to Access Report
L)	Pass to Ownership Report
M)	RACF LISTGROUP

General Dataset Profile Information

Initial generic search screen for General Dataset profile information.



```
 Online Generic Searches ------------ SSA ------------ Online Generic Searches
                       General Dataset Profile Information
  Command ===>

                   Operational Mode (Batch/Online) ==> ONLINE
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:
                                                                   More:     +
  Profile          ==> *                                              EQ
  Type (G/D/M/T/*) ==> *               (G=Generic,D=Discrete,M=Model,T=Tape)
  Volume           ==> *            EQ
  Owner            ==> *            EQ
  UACC             ==> *            EQ (None,Execute,Read,Update,Control,Alter)
  UACC (Nmb)       ==> *            EQ (0=None,1=Exc,2=Read,3=Updt,4=Ctl,5=Alt)
  Warn (Y/N/*)     ==> *
  Notify           ==> *            EQ
  Resowner         ==> *            EQ
  Level            ==> *            EQ
  Erase (Y/N/*)    ==> *
  Device Type      ==> *            EQ
  Create Date      ==> *            EQ
  Create Group     ==> *            EQ
  SecLevel         ==> *                                         EQ
  SecLevel (Nmb)   ==> *            EQ
  SecLabel         ==> *            EQ
  Grp Dsn (Y/N/*)  ==> *

  Audit Levels:
   Local Audit Level          ==> *          EQ  (All,Success,Fail,None)
    Lcl Successful Audit Level==> *          EQ  (None,Read,Update,Cntl,Alter)
    Lcl Failure Audit Level   ==> *          EQ  (None,Read,Update,Cntl,Alter)
   Global Audit Level         ==> *          EQ  (All,Success,Fail,None)
    Glb Successful Audit Level==> *          EQ  (None,Read,Update,Cntl,Alter)
   Glb Failure Audit Level   ==> *         EQ  (None,Read,Update,Cntl,Alter)

  Installation Data ==> *



                              <==    EQ

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

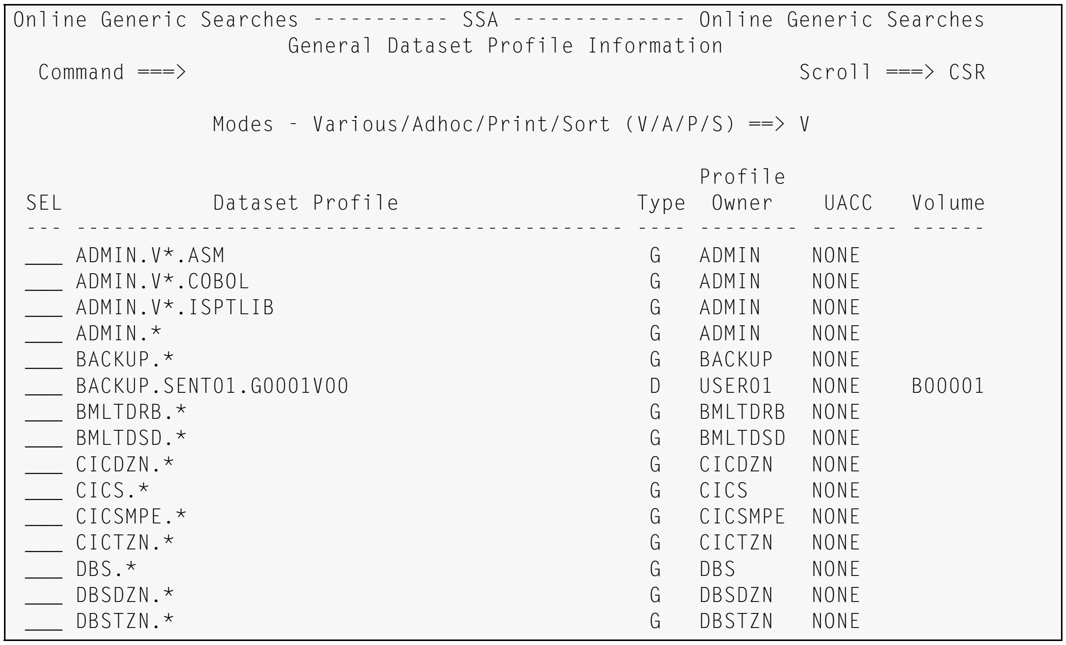
These examples only indicate the changes to the SSA installed default values.

- Search for all Dataset profiles that begin with SYS1 that are NOT owned by SYS1.

```
Profile       ==> SYS1*                                       EQ
Owner         ==> SYS1         NE
```

- Search for all Dataset profiles that have the warning attribute on.

```
Warn (Y/N/*)  ==> Y
SEARCH RESULT PANEL:
```



```
Online Generic Searches ----------- SSA -------------- Online Generic Searches
                      General Dataset Profile Information
  Command ===>                                                 Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

                                                       Profile
 SEL            Dataset Profile                   Type  Owner    UACC   Volume
 --- -------------------------------------------- ---- -------- ------- ------
 ___ ADMIN.V*.ASM                                  G   ADMIN    NONE
 ___ ADMIN.V*.COBOL                                G   ADMIN    NONE
 ___ ADMIN.V*.ISPTLIB                              G   ADMIN    NONE
 ___ ADMIN.*                                       G   ADMIN    NONE
 ___ BACKUP.*                                      G   BACKUP   NONE
 ___ BACKUP.SENT01.G0001V00                        D   USER01   NONE    B00001
 ___ BMLTDRB.*                                     G   BMLTDRB  NONE
 ___ BMLTDSD.*                                     G   BMLTDSD  NONE
 ___ CICDZN.*                                      G   CICDZN   NONE
 ___ CICS.*                                        G   CICS     NONE
 ___ CICSMPE.*                                     G   CICSMPE  NONE
 ___ CICTZN.*                                      G   CICTZN   NONE
 ___ DBS.*                                         G   DBS      NONE
 ___ DBSDZN.*                                      G   DBSDZN   NONE
 ___ DBSTZN.*                                      G   DBSTZN   NONE
```

Various Mode Available Functions

A) SSA List Dataset

B) Delete DATASET Profile

C) Issue Permit Command

D) Print List of Datasets Protected By Profile

E) Display Permits to DATASET Profiles

F) Edit Installation Data

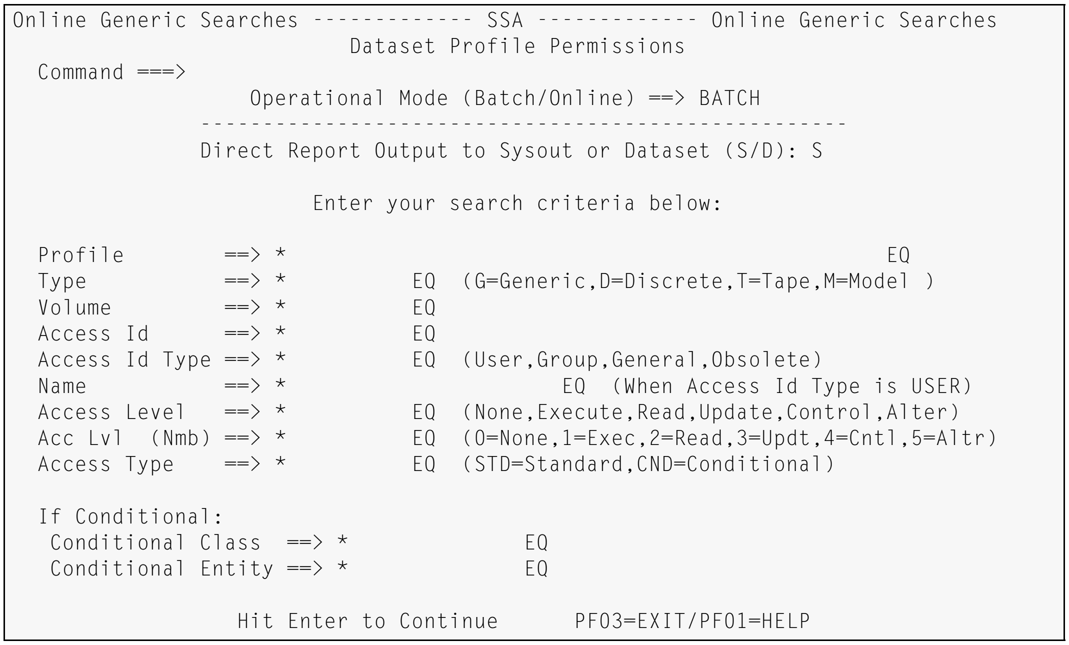
G) Pass to Replicate DATASET

H) Pass to Transfer DATASET

I) RACF LISTDSD

Dataset Profile Permissions

Initial generic search screen for Dataset profile permission information.



```
Online Generic Searches ------------- SSA ------------- Online Generic Searches
                           Dataset Profile Permissions
  Command ===>
                   Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:

  Profile        ==> *                                                EQ
  Type           ==> *          EQ  (G=Generic,D=Discrete,T=Tape,M=Model )
  Volume         ==> *          EQ
  Access Id      ==> *          EQ
  Access Id Type ==> *          EQ  (User,Group,General,Obsolete)
  Name           ==> *                      EQ  (When Access Id Type is USER)
  Access Level   ==> *          EQ  (None,Execute,Read,Update,Control,Alter)
  Acc Lvl  (Nmb) ==> *          EQ  (0=None,1=Exec,2=Read,3=Updt,4=Cntl,5=Altr)
  Access Type    ==> *          EQ  (STD=Standard,CND=Conditional)

  If Conditional:
   Conditional Class  ==> *              EQ
   Conditional Entity ==> *              EQ

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

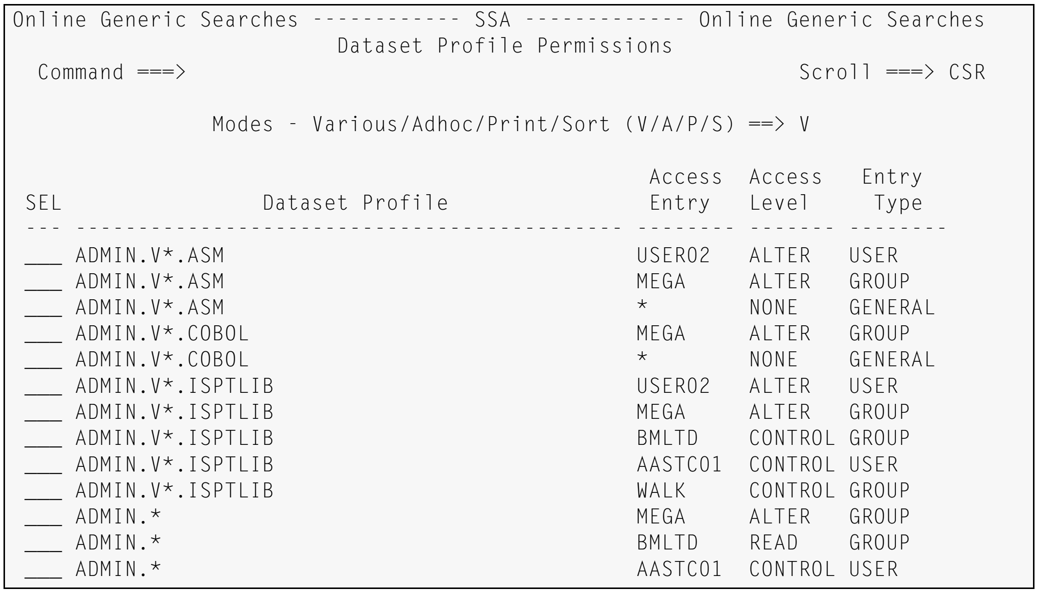
These examples only indicate the changes to the SSA installed default values.

- Search for all Discrete Dataset profiles that begin with SYS1 that have obsolete access entries.

```
Profile         ==> SYS1*                                      EQ
Type            ==> D
Access Id Type  ==> Obsolete    EQ (User,Group,General,Obsolete)
```

- Search for all Dataset profiles where groups that begin with PAY have access.

```
Access Id         ==> PAY*      EQ
Access Id Type    ==> GROUP     EQ
```



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                          Dataset Profile Permissions
  Command ===>                                                  Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

                                                    Access   Access    Entry
 SEL                Dataset Profile                 Entry    Level      Type
 --- -------------------------------------------- -------- ------- --------
 ___ ADMIN.V*.ASM                                  USER02   ALTER   USER
 ___ ADMIN.V*.ASM                                  MEGA     ALTER   GROUP
 ___ ADMIN.V*.ASM                                  *        NONE    GENERAL
 ___ ADMIN.V*.COBOL                                MEGA     ALTER   GROUP
 ___ ADMIN.V*.COBOL                                *        NONE    GENERAL
 ___ ADMIN.V*.ISPTLIB                              USER02   ALTER   USER
 ___ ADMIN.V*.ISPTLIB                              MEGA     ALTER   GROUP
 ___ ADMIN.V*.ISPTLIB                              BMLTD    CONTROL GROUP
 ___ ADMIN.V*.ISPTLIB                              AASTC01  CONTROL USER
 ___ ADMIN.V*.ISPTLIB                              WALK     CONTROL GROUP
 ___ ADMIN.*                                       MEGA     ALTER   GROUP
 ___ ADMIN.*                                       BMLTD    READ    GROUP
 ___ ADMIN.*                                       AASTC01  CONTROL USER
```

Various Mode Available Functions

A) SSA List Dataset

B) Re-Issue the Permit

C) Remove the Permit

D) Issue Permit Command

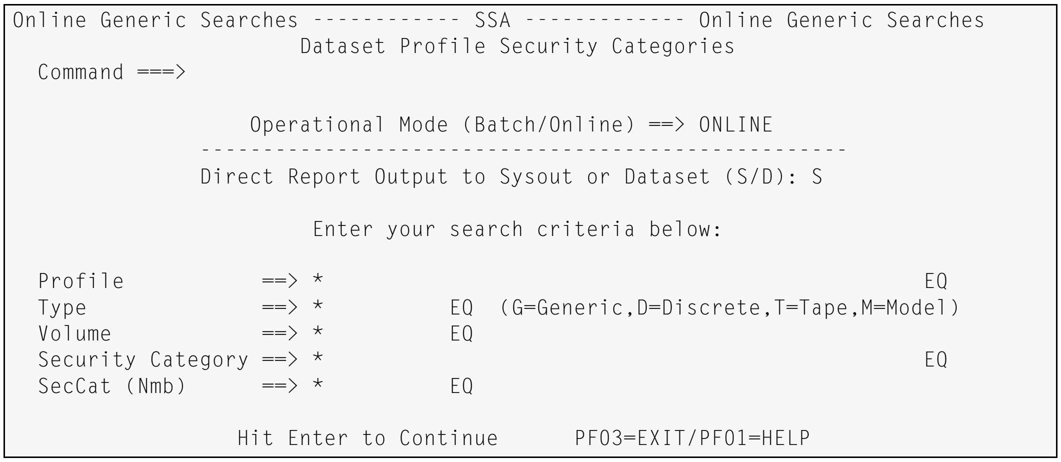
E) Print List of Datasets Protected By Profile

F) Display Users in Group

G) RACF LISTDSD

Dataset Profile Security Categories

Initial generic search screen for Dataset Profile Security Categories.



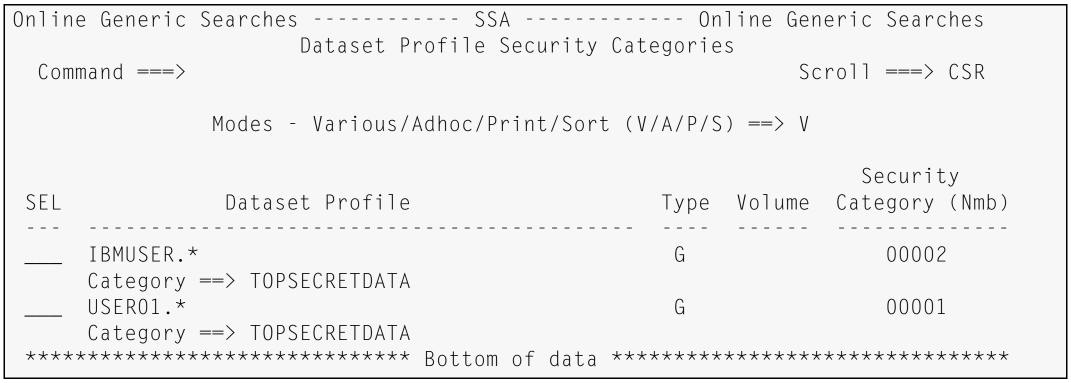
```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                       Dataset Profile Security Categories
  Command ===>

                   Operational Mode (Batch/Online) ==> ONLINE
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:

  Profile           ==> *                                                EQ
  Type              ==> *          EQ  (G=Generic,D=Discrete,T=Tape,M=Model)
  Volume            ==> *          EQ
  Security Category ==> *                                                EQ
  SecCat (Nmb)      ==> *          EQ

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

These examples only indicate the changes to the SSA installed default values.

- Search for all Discrete Dataset profiles that begin with SYS1 that have security category of TOPSECRETINFO.

```
Profile         ==> SYS1*                EQ
Type            ==> D
Category        ==> TOPSECRETINFO        EQ
```



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                       Dataset Profile Security Categories
  Command ===>                                                 Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

                                                                    Security
 SEL            Dataset Profile                    Type  Volume  Category (Nmb)
 ---  --------------------------------------------  ----  ------  --------------
 ___  IBMUSER.*                                      G               00002
      Category ==> TOPSECRETDATA
 ___  USER01.*                                       G               00001
      Category ==> TOPSECRETDATA
******************************* Bottom of data ********************************
```

Various Mode Available Functions

A) SSA List Dataset

B) Re-Issue the Security Category Entry

C) Remove the Security Category Entry

D) Issue Security Category Command

E) Delete DATASET Profile

F) Print List of Datasets Protected By Profile

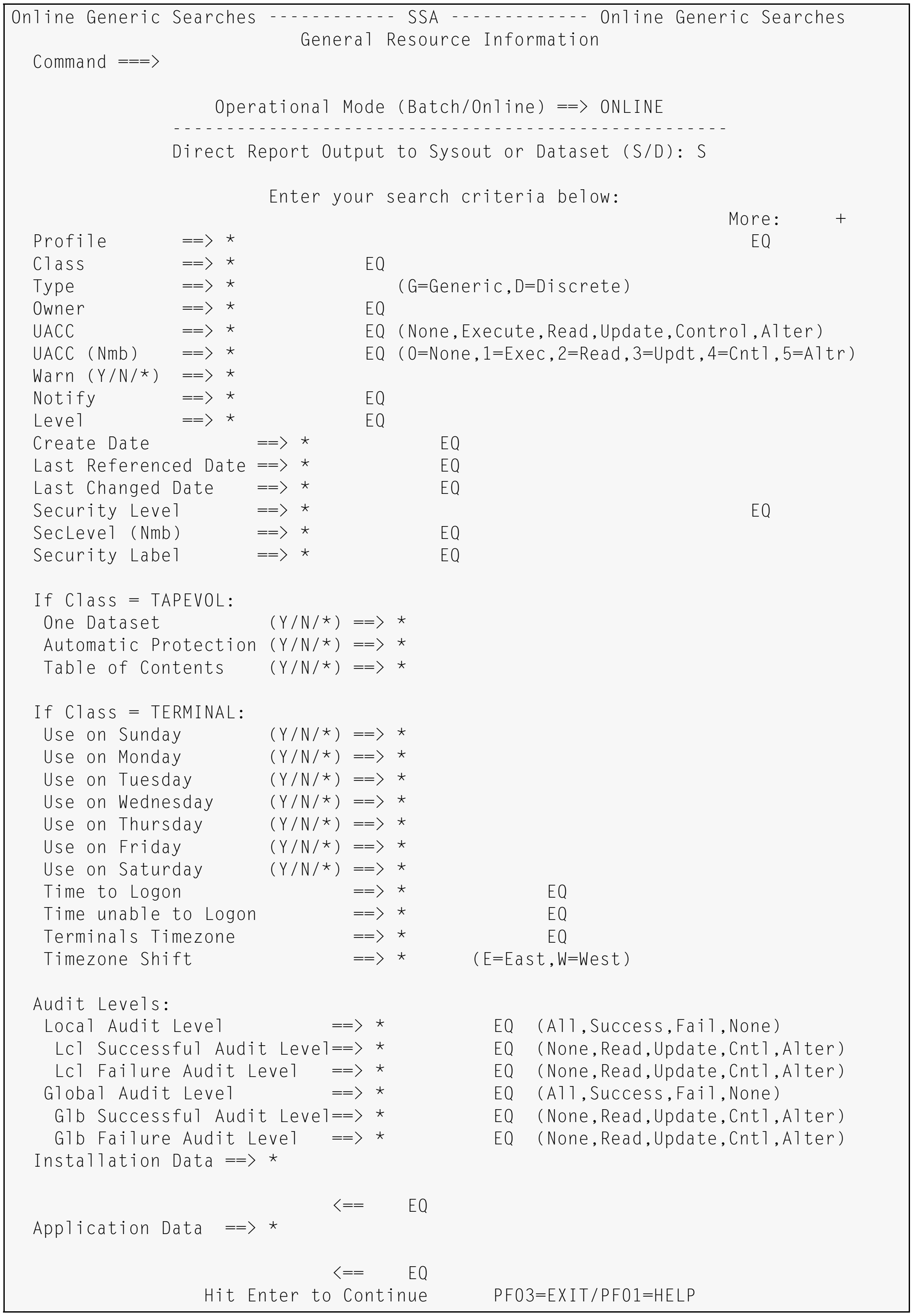
G) Pass to Replicate DATASET

H) Pass to Transfer DATASET

I) RACF LISTDSD

General Resource Profile Information

Initial generic search screen for General Resource Profile information.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                           General Resource Information
  Command ===>

                   Operational Mode (Batch/Online) ==> ONLINE
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:
                                                                   More:     +
  Profile       ==> *                                                EQ
  Class         ==> *            EQ
  Type          ==> *               (G=Generic,D=Discrete)
  Owner         ==> *            EQ
  UACC          ==> *            EQ (None,Execute,Read,Update,Control,Alter)
  UACC (Nmb)    ==> *            EQ (0=None,1=Exec,2=Read,3=Updt,4=Cntl,5=Altr)
  Warn (Y/N/*)  ==> *
  Notify        ==> *            EQ
  Level         ==> *            EQ
  Create Date          ==> *            EQ
  Last Referenced Date ==> *            EQ
  Last Changed Date    ==> *            EQ
  Security Level       ==> *                                         EQ
  SecLevel (Nmb)       ==> *            EQ
  Security Label       ==> *            EQ

  If Class = TAPEVOL:
   One Dataset          (Y/N/*) ==> *
   Automatic Protection (Y/N/*) ==> *
   Table of Contents    (Y/N/*) ==> *

  If Class = TERMINAL:
   Use on Sunday        (Y/N/*) ==> *
   Use on Monday        (Y/N/*) ==> *
   Use on Tuesday       (Y/N/*) ==> *
   Use on Wednesday     (Y/N/*) ==> *
   Use on Thursday      (Y/N/*) ==> *
   Use on Friday        (Y/N/*) ==> *
   Use on Saturday      (Y/N/*) ==> *
   Time to Logon                ==> *             EQ
   Time unable to Logon         ==> *             EQ
   Terminals Timezone           ==> *             EQ
   Timezone Shift               ==> *      (E=East,W=West)

  Audit Levels:
   Local Audit Level          ==> *          EQ  (All,Success,Fail,None)
    Lcl Successful Audit Level==> *          EQ  (None,Read,Update,Cntl,Alter)
    Lcl Failure Audit Level   ==> *          EQ  (None,Read,Update,Cntl,Alter)
   Global Audit Level         ==> *          EQ  (All,Success,Fail,None)
    Glb Successful Audit Level==> *          EQ  (None,Read,Update,Cntl,Alter)
    Glb Failure Audit Level   ==> *          EQ  (None,Read,Update,Cntl,Alter)
  Installation Data ==> *

                              <==    EQ
  Application Data  ==> *

                              <==    EQ
                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

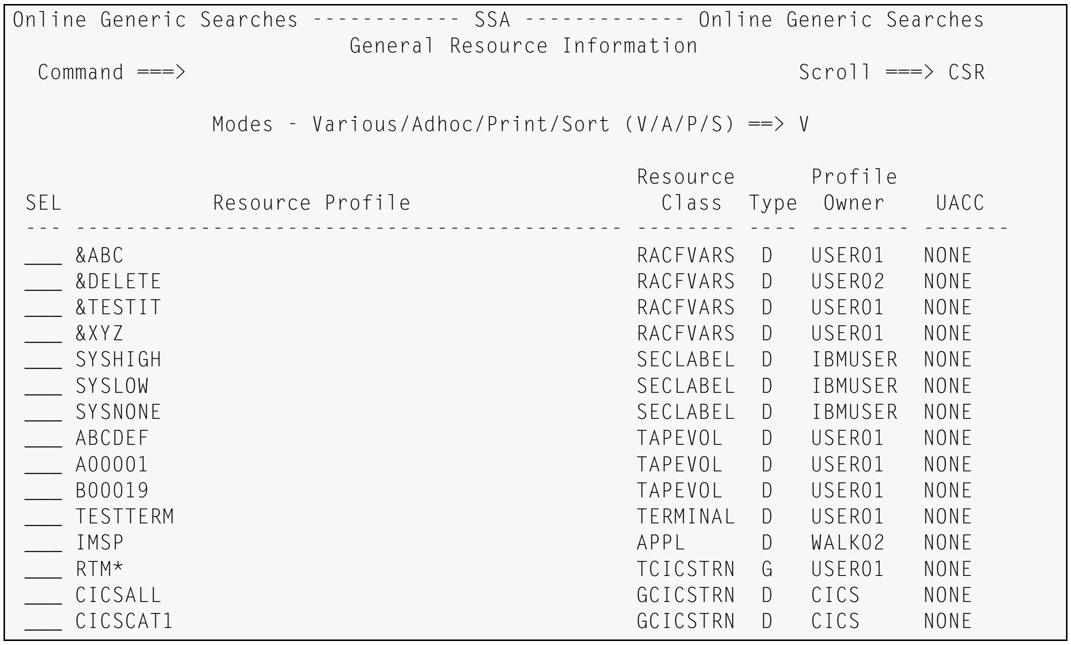
These examples only indicate the changes to the SSA installed default values.

- Search for all general resource profiles in the Facility Class.

  ```
  Class          ==> Facility     EQ
  ```

- Search for all general resource profiles that have the warning attribute on.

  ```
  Warn (Y/N/*)   ==> Y
  ```



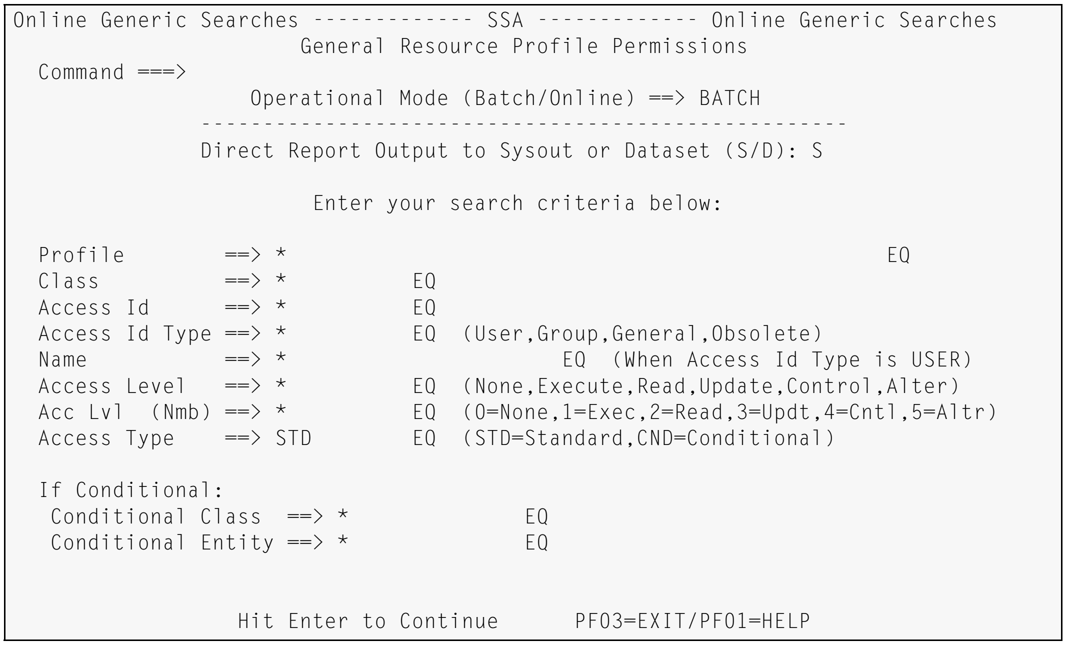
```
Online Generic Searches ----------- SSA ------------- Online Generic Searches
                           General Resource Information
 Command ===>                                                Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

                                                  Resource      Profile
 SEL           Resource Profile                     Class   Type  Owner    UACC
 --- ------------------------------------------- -------- ---- -------- -------
 ___ &ABC                                         RACFVARS  D   USER01   NONE
 ___ &DELETE                                      RACFVARS  D   USER02   NONE
 ___ &TESTIT                                      RACFVARS  D   USER01   NONE
 ___ &XYZ                                         RACFVARS  D   USER01   NONE
 ___ SYSHIGH                                      SECLABEL  D   IBMUSER  NONE
 ___ SYSLOW                                       SECLABEL  D   IBMUSER  NONE
 ___ SYSNONE                                      SECLABEL  D   IBMUSER  NONE
 ___ ABCDEF                                       TAPEVOL   D   USER01   NONE
 ___ A00001                                       TAPEVOL   D   USER01   NONE
 ___ B00019                                       TAPEVOL   D   USER01   NONE
 ___ TESTTERM                                     TERMINAL  D   USER01   NONE
 ___ IMSP                                         APPL      D   WALK02   NONE
 ___ RTM*                                         TCICSTRN  G   USER01   NONE
 ___ CICSALL                                      GCICSTRN  D   CICS     NONE
 ___ CICSCAT1                                     GCICSTRN  D   CICS     NONE
```

Various Mode Available Functions

A)	SSA Resource List
B)	Delete Resource Profile
C)	Display Permits to General Resources
D)	Display Members
E)	Edit Installation Data
F)	Edit Application Data
G)	Pass to Replicate Resource Profile
H)	Pass to Replicate Resource Class
I)	Pass to Transfer Resource Profile
J)	Pass to Transfer Resource Class
K)	Display STDATA Segment
L)	Display Security Categories
M)	Display Volume Information
N)	RACF RLIST

General Resource Profile Permissions

Initial generic search screen for General Resource Profile permission information.



```
Online Generic Searches ------------- SSA ------------- Online Generic Searches
                       General Resource Profile Permissions
  Command ===>
                   Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:

  Profile        ==> *                                                EQ
  Class          ==> *          EQ
  Access Id      ==> *          EQ
  Access Id Type ==> *          EQ  (User,Group,General,Obsolete)
  Name           ==> *                      EQ  (When Access Id Type is USER)
  Access Level   ==> *          EQ  (None,Execute,Read,Update,Control,Alter)
  Acc Lvl  (Nmb) ==> *          EQ  (0=None,1=Exec,2=Read,3=Updt,4=Cntl,5=Altr)
  Access Type    ==> STD        EQ  (STD=Standard,CND=Conditional)

  If Conditional:
   Conditional Class  ==> *              EQ
   Conditional Entity ==> *              EQ


                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

These examples only indicate the changes to the SSA installed default values.

- Search for all Resource profiles in the Facility Class that have the RACF '*' entry in the standard access list.

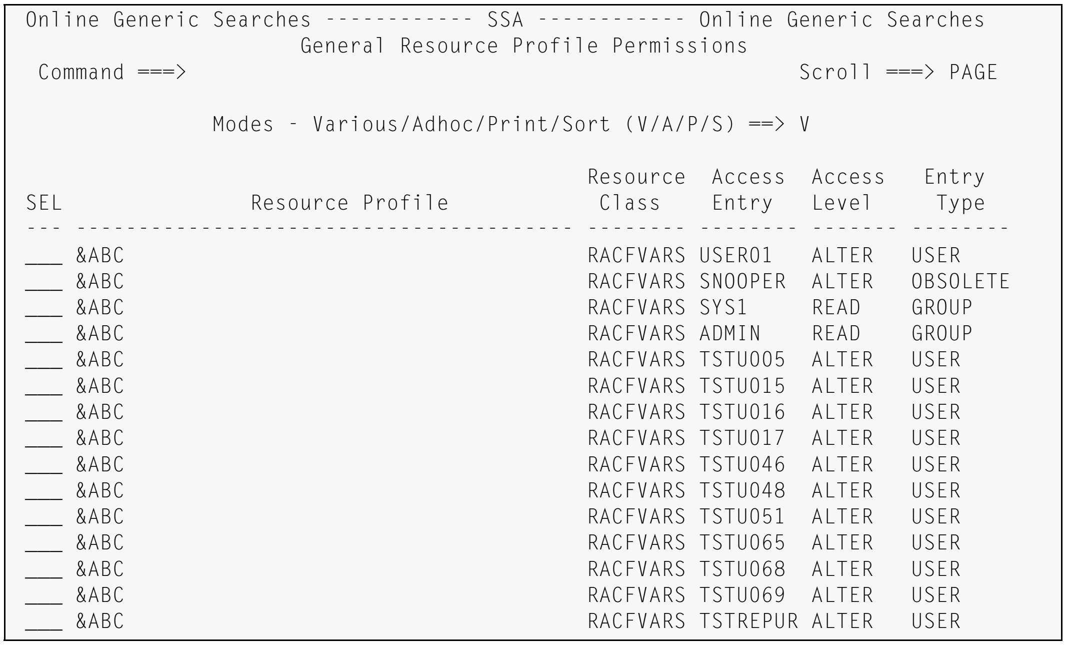
  ```
  Class          ==> Facility   EQ
  Access Id      ==> **         EQ
  Access Type    ==> STD        EQ    (STD=Standard,CND=Conditional)
  ```

  OR

  ```
  Class          ==> Facility   EQ
  Access Id Type ==> GENERAL    EQ
  Access Type    ==> STD        EQ
  ```

- Search for all Resource profiles that begin with APPL that have a conditional access entry.

  ```
  Profile        ==> APPL*      EQ
  Access Type    ==> CND        EQ
  ```



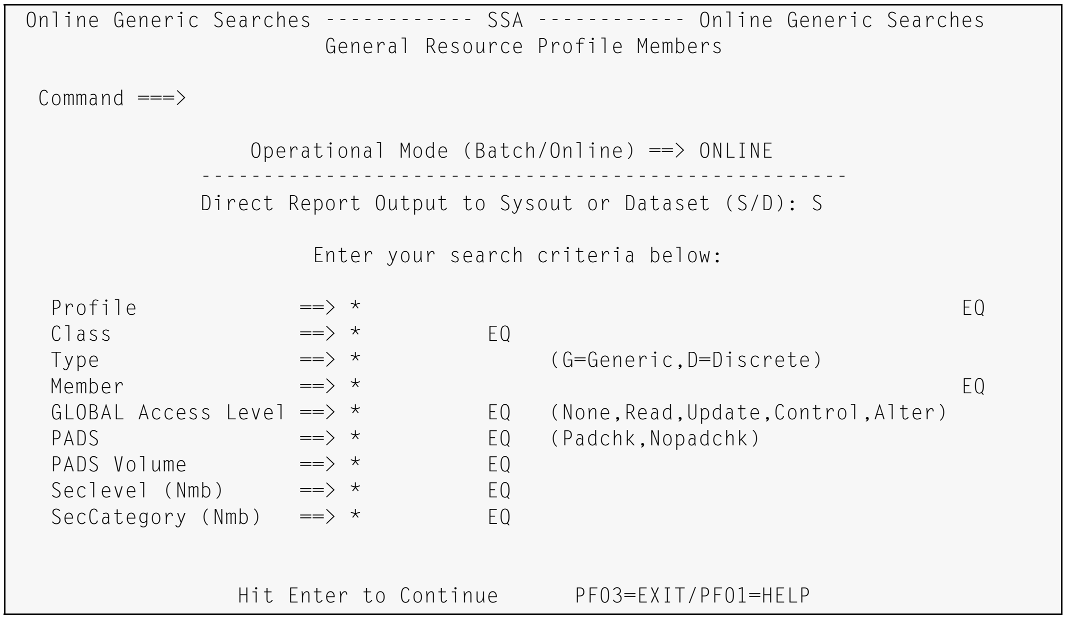
```
 Online Generic Searches ------------ SSA ------------ Online Generic Searches
                       General Resource Profile Permissions
  Command ===>                                                 Scroll ===> PAGE

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

                                              Resource  Access   Access    Entry
 SEL              Resource Profile             Class    Entry    Level      Type
 --- ---------------------------------------- -------- -------- ------- --------
 ___ &ABC                                     RACFVARS USER01   ALTER   USER
 ___ &ABC                                     RACFVARS SNOOPER  ALTER   OBSOLETE
 ___ &ABC                                     RACFVARS SYS1     READ    GROUP
 ___ &ABC                                     RACFVARS ADMIN    READ    GROUP
 ___ &ABC                                     RACFVARS TSTU005  ALTER   USER
 ___ &ABC                                     RACFVARS TSTU015  ALTER   USER
 ___ &ABC                                     RACFVARS TSTU016  ALTER   USER
 ___ &ABC                                     RACFVARS TSTU017  ALTER   USER
 ___ &ABC                                     RACFVARS TSTU046  ALTER   USER
 ___ &ABC                                     RACFVARS TSTU048  ALTER   USER
 ___ &ABC                                     RACFVARS TSTU051  ALTER   USER
 ___ &ABC                                     RACFVARS TSTU065  ALTER   USER
 ___ &ABC                                     RACFVARS TSTU068  ALTER   USER
 ___ &ABC                                     RACFVARS TSTU069  ALTER   USER
 ___ &ABC                                     RACFVARS TSTREPUR ALTER   USER
```

Various Mode Available Functions

A)	SSA Resource List
B)	Re-Issue the Permit
C)	Remove the Permit
D)	Issue Permit Command
E)	Delete Resource Profile
F)	Display Members
G)	Pass to Replicate Resource Profile
H)	Pass to Transfer Resource Profile
I)	Display Users in Group
J)	RACF RLIST

General Resource Members

Initial generic search screen for Resource member information.



```
Online Generic Searches ------------ SSA ------------ Online Generic Searches
                        General Resource Profile Members

 Command ===>

                  Operational Mode (Batch/Online) ==> ONLINE
              ---------------------------------------------------
              Direct Report Output to Sysout or Dataset (S/D): S

                       Enter your search criteria below:

  Profile             ==> *                                               EQ
  Class               ==> *          EQ
  Type                ==> *               (G=Generic,D=Discrete)
  Member              ==> *                                               EQ
  GLOBAL Access Level ==> *          EQ   (None,Read,Update,Control,Alter)
  PADS                ==> *          EQ   (Padchk,Nopadchk)
  PADS Volume         ==> *          EQ
  Seclevel (Nmb)      ==> *          EQ
  SecCategory (Nmb)   ==> *          EQ


                 Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

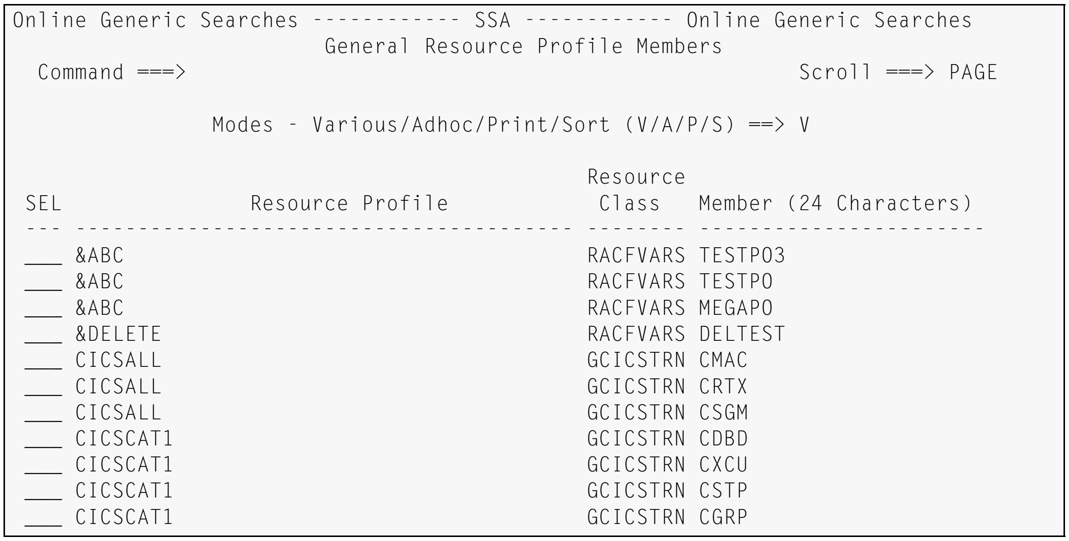
These examples only indicate the changes to the SSA installed default values.

- Search for all general resource profiles in the GCICSTRN Class that have the transaction CEMT.

```
Class          ==> GCICSTRN   EQ
Member         ==> CEMT       EQ
```

- Search for all general resource profiles that have CEMT as a member.

```
   Member          ==> CEMT                                             EQ
```



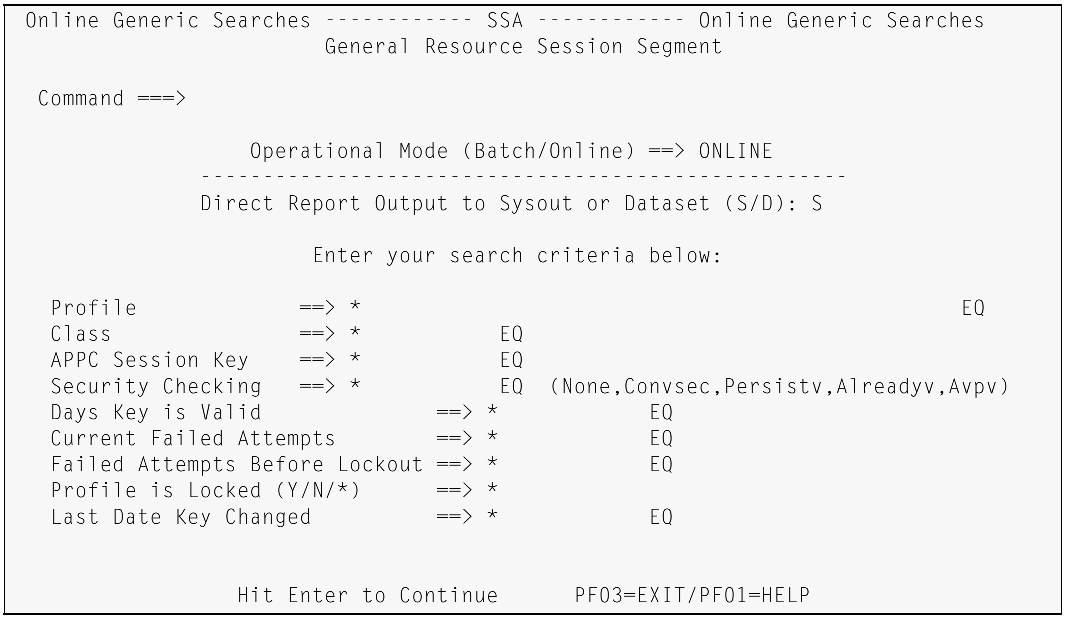
```
Online Generic Searches ------------ SSA ------------ Online Generic Searches
                         General Resource Profile Members
  Command ===>                                                 Scroll ===> PAGE

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

                                               Resource
 SEL               Resource Profile             Class   Member (24 Characters)
 --- ---------------------------------------- -------- -----------------------
 ___ &ABC                                     RACFVARS TESTPO3
 ___ &ABC                                     RACFVARS TESTPO
 ___ &ABC                                     RACFVARS MEGAPO
 ___ &DELETE                                  RACFVARS DELTEST
 ___ CICSALL                                  GCICSTRN CMAC
 ___ CICSALL                                  GCICSTRN CRTX
 ___ CICSALL                                  GCICSTRN CSGM
 ___ CICSCAT1                                 GCICSTRN CDBD
 ___ CICSCAT1                                 GCICSTRN CXCU
 ___ CICSCAT1                                 GCICSTRN CSTP
 ___ CICSCAT1                                 GCICSTRN CGRP
```

Various Mode Available Functions

A)	SSA Resource List
B)	Issue ADDMEM Command
C)	Issue DELMEM Command
D)	Display Permits to General Resources
E)	Pass to Replicate Resource Profile
F)	Pass to Transfer Resource Profile
G)	RACF RLIST

General Resource Session Segment

Initial generic search screen for General Resource Session segment information.



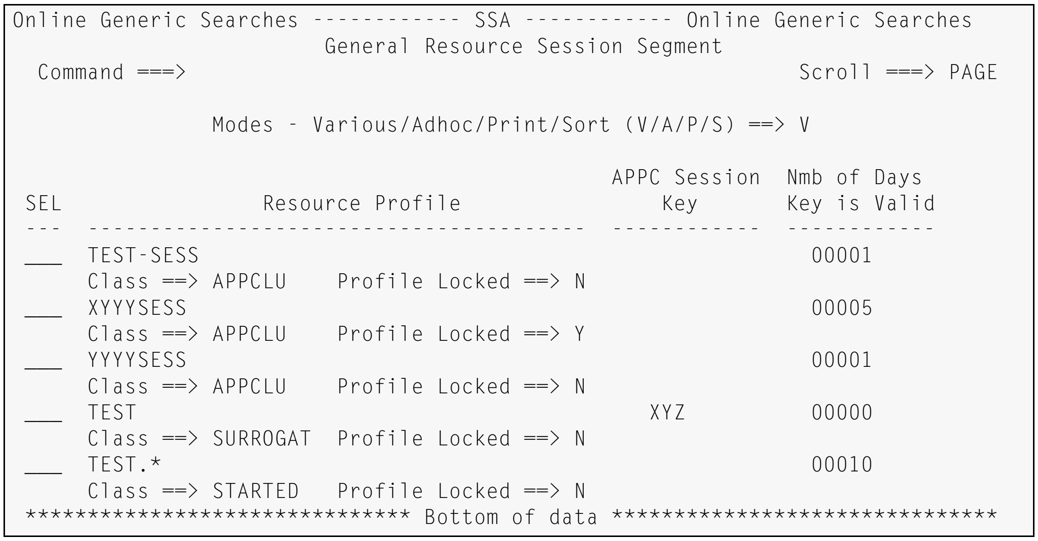
```
 Online Generic Searches ------------ SSA ------------ Online Generic Searches
                         General Resource Session Segment

  Command ===>

                   Operational Mode (Batch/Online) ==> ONLINE
               ---------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:

   Profile            ==> *                                               EQ
   Class              ==> *           EQ
   APPC Session Key   ==> *           EQ
   Security Checking  ==> *           EQ  (None,Convsec,Persistv,Alreadyv,Avpv)
   Days Key is Valid             ==> *            EQ
   Current Failed Attempts       ==> *            EQ
   Failed Attempts Before Lockout ==> *           EQ
   Profile is Locked (Y/N/*)     ==> *
   Last Date Key Changed         ==> *            EQ


                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

These examples only indicate the changes to the SSA installed default values.

- Search for all general resource profiles that have a no security checking and where the current failed attempts is greater than 7.

```
Security Checking          ==> NONE        EQ
Current Failed Attempts    ==> 00007       GT
```



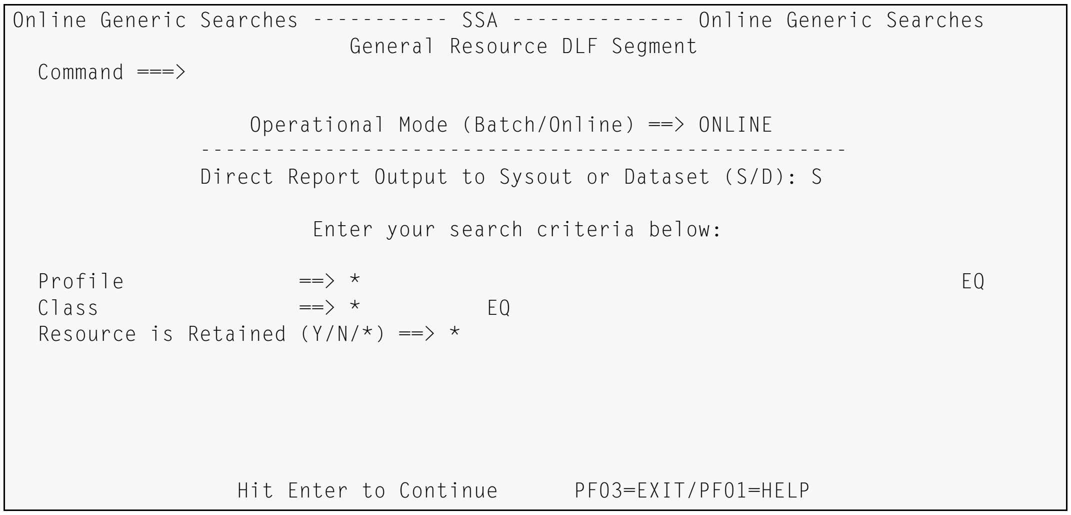
```
Online Generic Searches ------------ SSA ------------ Online Generic Searches
                         General Resource Session Segment
  Command ===>                                              Scroll ===> PAGE

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

                                                APPC Session  Nmb of Days
 SEL              Resource Profile                  Key       Key is Valid
 ---  ---------------------------------------   ------------  ------------
 ___  TEST-SESS                                                 00001
      Class ==> APPCLU    Profile Locked ==> N
 ___  XYYYSESS                                                  00005
      Class ==> APPCLU    Profile Locked ==> Y
 ___  YYYYSESS                                                  00001
      Class ==> APPCLU    Profile Locked ==> N
 ___  TEST                                         XYZ          00000
      Class ==> SURROGAT  Profile Locked ==> N
 ___  TEST.*                                                    00010
      Class ==> STARTED   Profile Locked ==> N
 ******************************* Bottom of data *******************************
```

Various Mode Available Functions

A) SSA Resource List
B) Remove Session Segment
C) Display Permits to General Resources
D) Pass to Replicate Resource Profile
E) Pass to Transfer Resource Profile
F) RACF RLIST

General Resource DLF Segment

Initial generic search screen for General Resource DLF segment information.



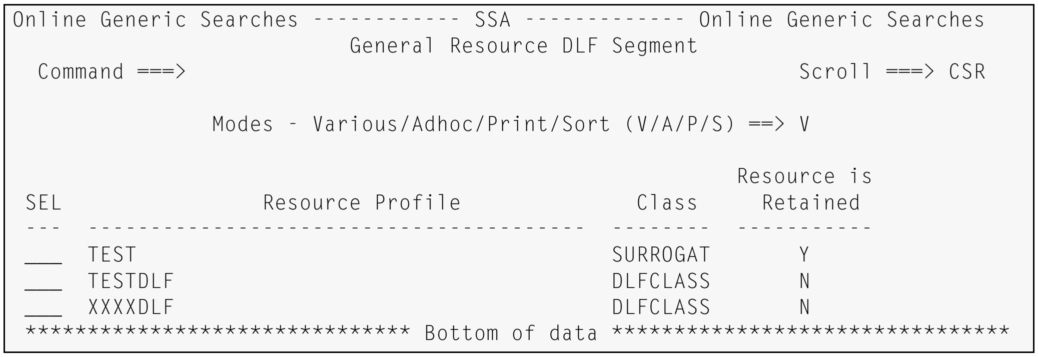
```
Online Generic Searches ----------- SSA -------------- Online Generic Searches
                           General Resource DLF Segment
  Command ===>

                   Operational Mode (Batch/Online) ==> ONLINE
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

                        Enter your search criteria below:

  Profile               ==> *                                                EQ
  Class                 ==> *          EQ
  Resource is Retained (Y/N/*) ==> *




                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

These examples only indicate the changes to the SSA installed default values.

- Search for all general resource profiles that begin with SYS and retain resources.

```
Profile                ==> SYS*        EQ
Resource is Retained (Y/N/*) ==> Y
```



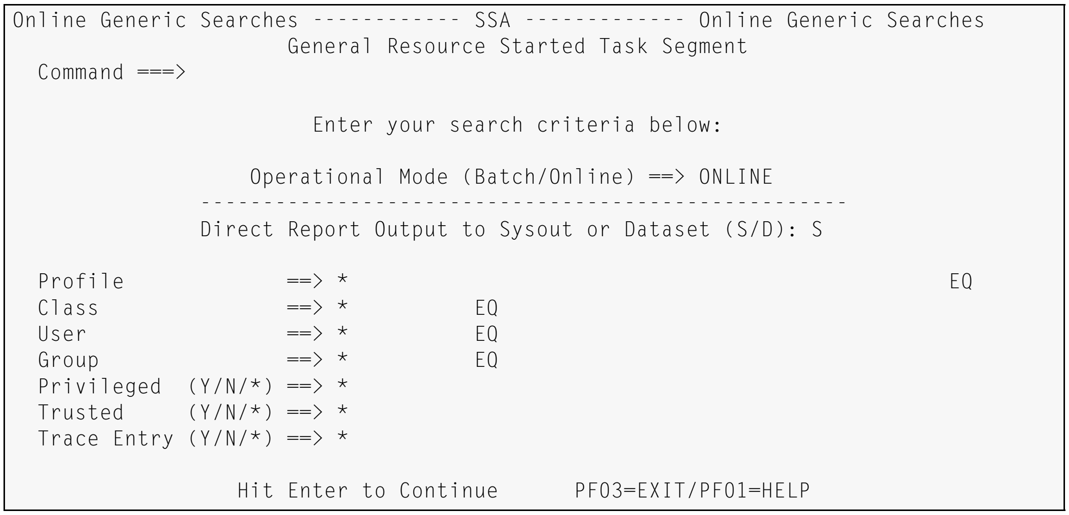
```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                           General Resource DLF Segment
  Command ===>                                                  Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

                                                          Resource is
 SEL                  Resource Profile                Class     Retained
 ---  ----------------------------------------      --------  -----------
 ___  TEST                                          SURROGAT       Y
 ___  TESTDLF                                       DLFCLASS       N
 ___  XXXXDLF                                       DLFCLASS       N
 ******************************* Bottom of data ********************************
```

Various Mode Available Functions

A) SSA Resource List
B) Rebuild DLF Segment
C) Remove DLF Segment
D) Display Jobnames
E) Display Permits to General Resources
F) Pass to Replicate Resource Profile
G) Pass to Transfer Resource Profile
H) RACF RLIST

General Resource Started Task Segment

Initial generic search screen for General Resource Started Task segment information.



```
Online Generic Searches ----------- SSA ------------- Online Generic Searches
                      General Resource Started Task Segment
  Command ===>

                        Enter your search criteria below:

                   Operational Mode (Batch/Online) ==> ONLINE
               ---------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S

  Profile             ==> *                                               EQ
  Class               ==> *          EQ
  User                ==> *          EQ
  Group               ==> *          EQ
  Privileged  (Y/N/*) ==> *
  Trusted     (Y/N/*) ==> *
  Trace Entry (Y/N/*) ==> *

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

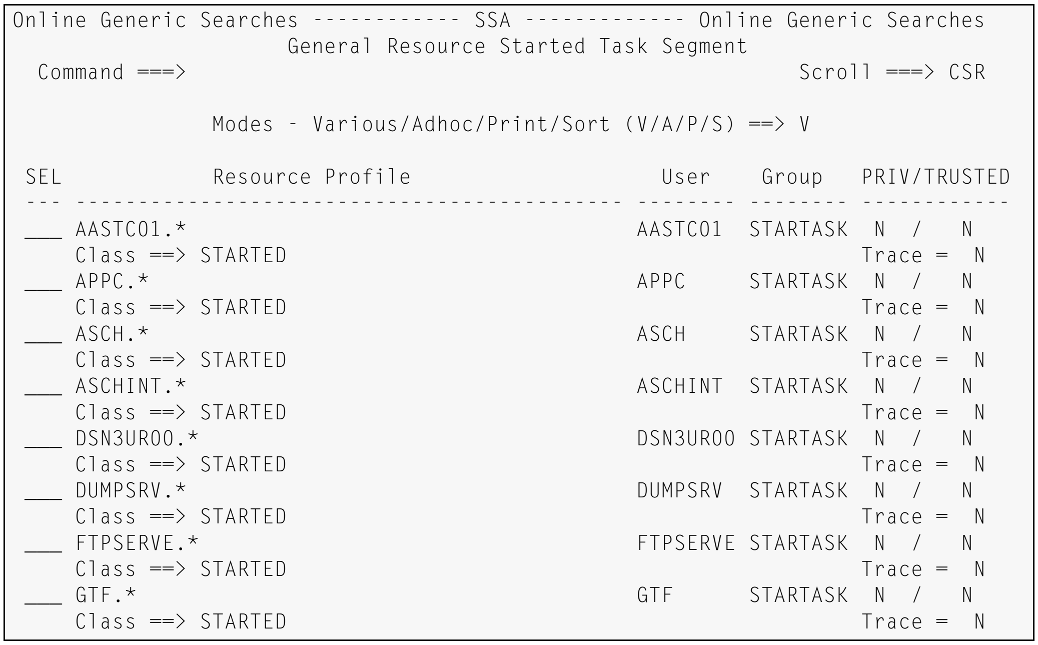
These examples only indicate the changes to the SSA installed default values.

- Search for all started tasks that are both trusted and privileged.

```
Privileged  (Y/N/*) ==> Y
Trusted     (Y/N/*) ==> Y
```

- Search for all Started Tasks that have the group STARTASK associated with them.

```
Group               ==> STARTASK   EQ
```



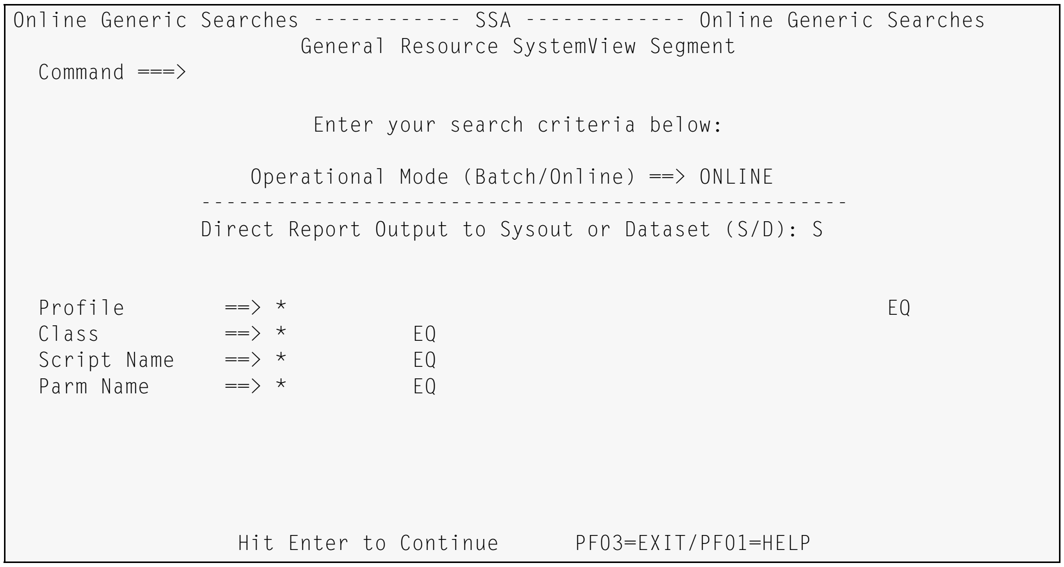
```
Online Generic Searches ----------- SSA ------------- Online Generic Searches
                      General Resource Started Task Segment
  Command ===>                                                Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

 SEL            Resource Profile                   User    Group   PRIV/TRUSTED
 --- ------------------------------------------- -------- -------- ------------
 ___ AASTC01.*                                   AASTC01  STARTASK  N  /   N
     Class ==> STARTED                                              Trace =  N
 ___ APPC.*                                      APPC     STARTASK  N  /   N
     Class ==> STARTED                                              Trace =  N
 ___ ASCH.*                                      ASCH     STARTASK  N  /   N
     Class ==> STARTED                                              Trace =  N
 ___ ASCHINT.*                                   ASCHINT  STARTASK  N  /   N
     Class ==> STARTED                                              Trace =  N
 ___ DSN3UR00.*                                  DSN3UR00 STARTASK  N  /   N
     Class ==> STARTED                                              Trace =  N
 ___ DUMPSRV.*                                   DUMPSRV  STARTASK  N  /   N
     Class ==> STARTED                                              Trace =  N
 ___ FTPSERVE.*                                  FTPSERVE STARTASK  N  /   N
     Class ==> STARTED                                              Trace =  N
 ___ GTF.*                                       GTF      STARTASK  N  /   N
     Class ==> STARTED                                              Trace =  N
```

Various Mode Available Functions

A)	SSA Resource List
B)	Rebuild STDATA Segment
C)	Remove STDATA Segment
D)	Set/Remove Privileged Attribute
E)	Set/Remove Trusted Attribute
F)	Set/Remove Trace Attribute
G)	SSA List User
H)	SSA List Group
I)	Display Permits to General Resources
J)	Pass to Replicate Resource Profile
K)	Pass to Transfer Resource Profile
L)	RACF LISTUSER
M)	RACF LISTGROUP
N)	RACF RLIST

General Resource SystemView Segment

Initial generic search screen for General Resource SystemView segment information.



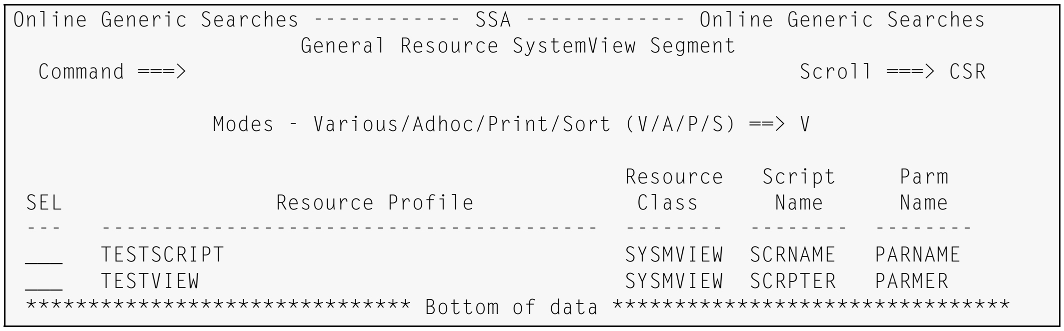
```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                       General Resource SystemView Segment
  Command ===>

                        Enter your search criteria below:

                   Operational Mode (Batch/Online) ==> ONLINE
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S


  Profile        ==> *                                               EQ
  Class          ==> *          EQ
  Script Name    ==> *          EQ
  Parm Name      ==> *          EQ





                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

These examples only indicate the changes to the SSA installed default values.

- Search for all Resource profiles that have a parm name of HOST1.

```
Parm Name      ==> HOST1      EQ
```



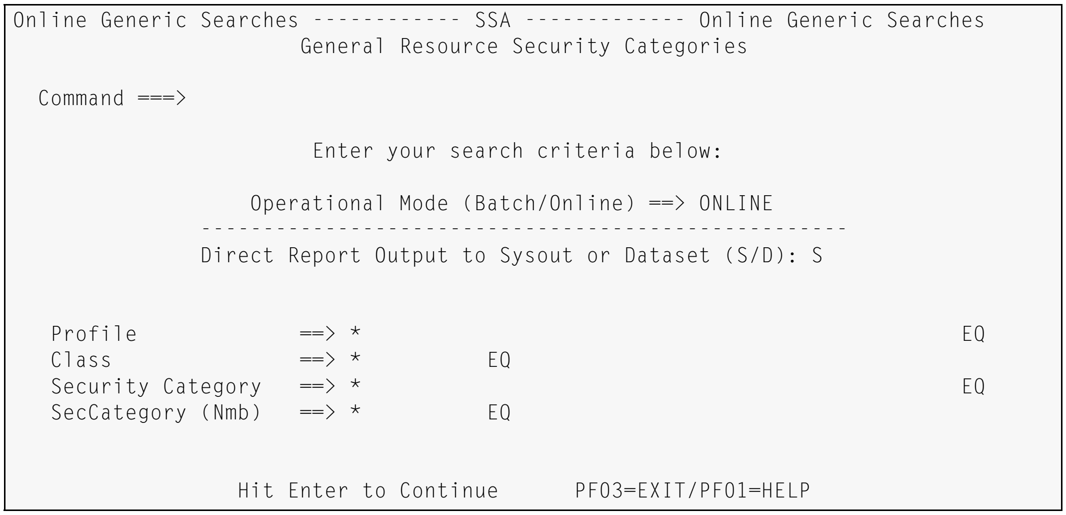
```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                       General Resource SystemView Segment
  Command ===>                                                   Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

                                                 Resource   Script     Parm
 SEL                 Resource Profile             Class      Name      Name
 ---   ----------------------------------------  --------  --------  --------
 ___   TESTSCRIPT                                SYSMVIEW  SCRNAME   PARNAME
 ___   TESTVIEW                                  SYSMVIEW  SCRPTER   PARMER
 ******************************* Bottom of data ********************************
```

Various Mode Available Functions

A)	SSA Resource List
B)	Rebuild SystemView Segment
C)	Remove SystemView Segment
D)	Display Permits to General Resources
E)	Pass to Replicate Resource Profile
F)	Pass to Transfer Resource Profile
G)	RACF RLIST

General Resource Security Categories

Initial generic search screen for General Resource Security Category information.



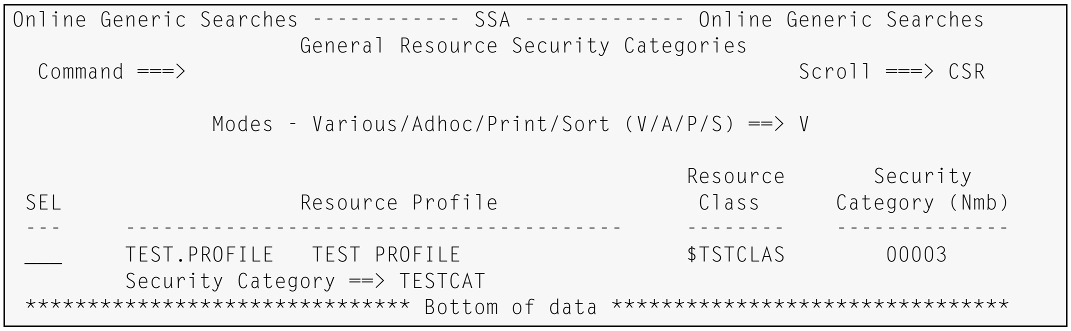
```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                       General Resource Security Categories

  Command ===>

                        Enter your search criteria below:

                   Operational Mode (Batch/Online) ==> ONLINE
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S


   Profile             ==> *                                                EQ
   Class               ==> *          EQ
   Security Category   ==> *                                                EQ
   SecCategory (Nmb)   ==> *          EQ


                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Search Examples

These examples only indicate the changes to the SSA installed default values.

- Search for all General Resource profiles that begin with S that have security category of TOPSECRETINFO.

```
Profile          ==> S*                                  EQ
Category         ==> TOPSECRETINFO                       EQ
```



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                       General Resource Security Categories
  Command ===>                                                   Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

                                                      Resource       Security
 SEL                   Resource Profile                Class      Category (Nmb)
 ---       ----------------------------------------   --------    --------------
 ___       TEST.PROFILE   TEST PROFILE                $TSTCLAS        00003
           Security Category ==> TESTCAT
 ******************************* Bottom of data ********************************
```

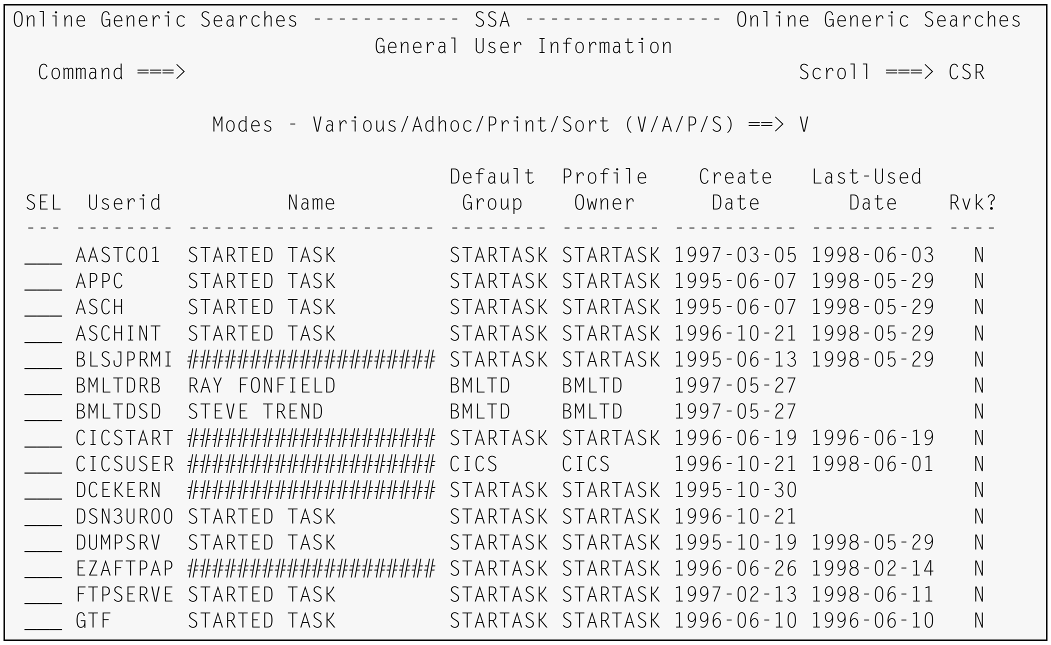
Various Mode Available Functions

A)	SSA Resource List
B)	Re-Issue the Security Category Entry
C)	Remove the Security Category Entry
D)	Delete Resource Profile
E)	Display Permits to General Resources
F)	Pass to Replicate Resource Profile
G)	Pass to Transfer Resource Profile
H)	RACF RLIST

Online Generic Search Result Functions

Search Result Screen

Search result screens allow you to further process any entries that meet the specified search criteria.



```
Online Generic Searches ----------- SSA --------------- Online Generic Searches
                             General User Information
  Command ===>                                                 Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> V

                                   Default  Profile    Create   Last-Used
 SEL  Userid          Name           Group     Owner      Date       Date    Rvk?
 --- -------- -------------------- -------- -------- ---------- ---------- ----
 ___ AASTC01  STARTED TASK         STARTASK STARTASK 1997-03-05 1998-06-03  N
 ___ APPC     STARTED TASK         STARTASK STARTASK 1995-06-07 1998-05-29  N
 ___ ASCH     STARTED TASK         STARTASK STARTASK 1995-06-07 1998-05-29  N
 ___ ASCHINT  STARTED TASK         STARTASK STARTASK 1996-10-21 1998-05-29  N
 ___ BLSJPRMI #################### STARTASK STARTASK 1995-06-13 1998-05-29  N
 ___ BMLTDRB  RAY FONFIELD         BMLTD    BMLTD    1997-05-27             N
 ___ BMLTDSD  STEVE TREND          BMLTD    BMLTD    1997-05-27             N
 ___ CICSTART #################### STARTASK STARTASK 1996-06-19 1996-06-19  N
 ___ CICSUSER #################### CICS     CICS     1996-10-21 1998-06-01  N
 ___ DCEKERN  #################### STARTASK STARTASK 1995-10-30             N
 ___ DSN3UR00 STARTED TASK         STARTASK STARTASK 1996-10-21             N
 ___ DUMPSRV  STARTED TASK         STARTASK STARTASK 1995-10-19 1998-05-29  N
 ___ EZAFTPAP #################### STARTASK STARTASK 1996-06-26 1998-02-14  N
 ___ FTPSERVE STARTED TASK         STARTASK STARTASK 1997-02-13 1998-06-11  N
 ___ GTF      STARTED TASK         STARTASK STARTASK 1996-06-10 1996-06-10  N
```

Search result screens display RACF entries that met the specified search criteria.Below is an example search result screen. You can select any of the entries for further processing. Scroll DOWN to view all entries that met the search criteria.

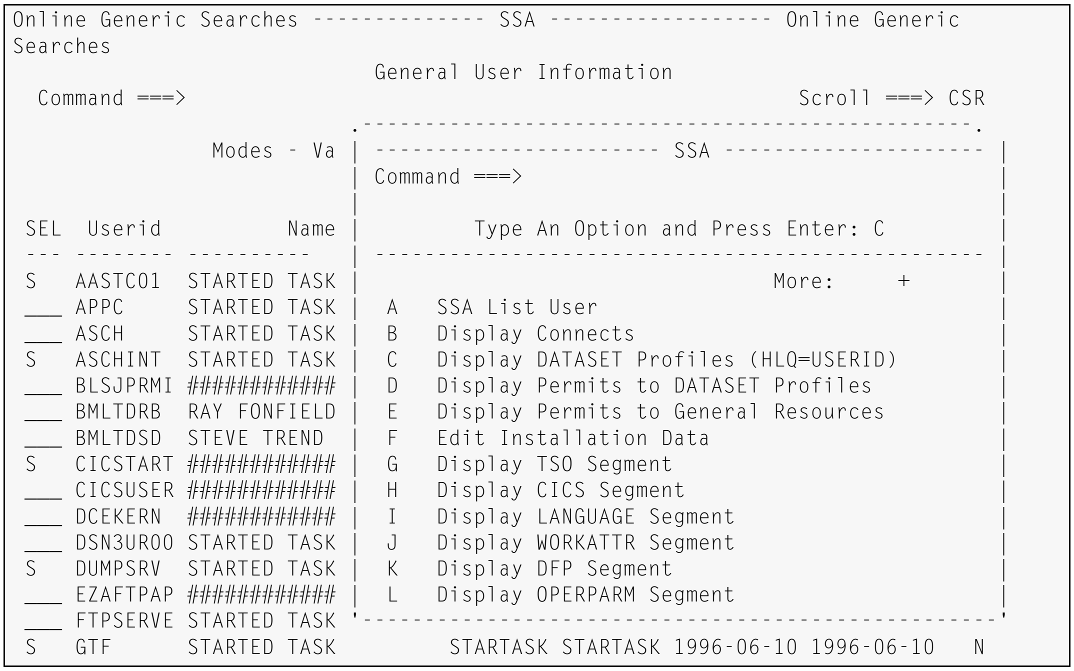
The remainder of this chapter is as follows:

A)	Various Mode
B)	Ad-hoc Mode
C)	Print Mode
D)	Sort Mode
E)	Adhoc Report Generation

Various Mode

Various Mode Pop-Up Panel Example

Each search result screen has its own Various Mode pop-up panel. Various Mode provides up to 30 different functions after the search result panel has been displayed.



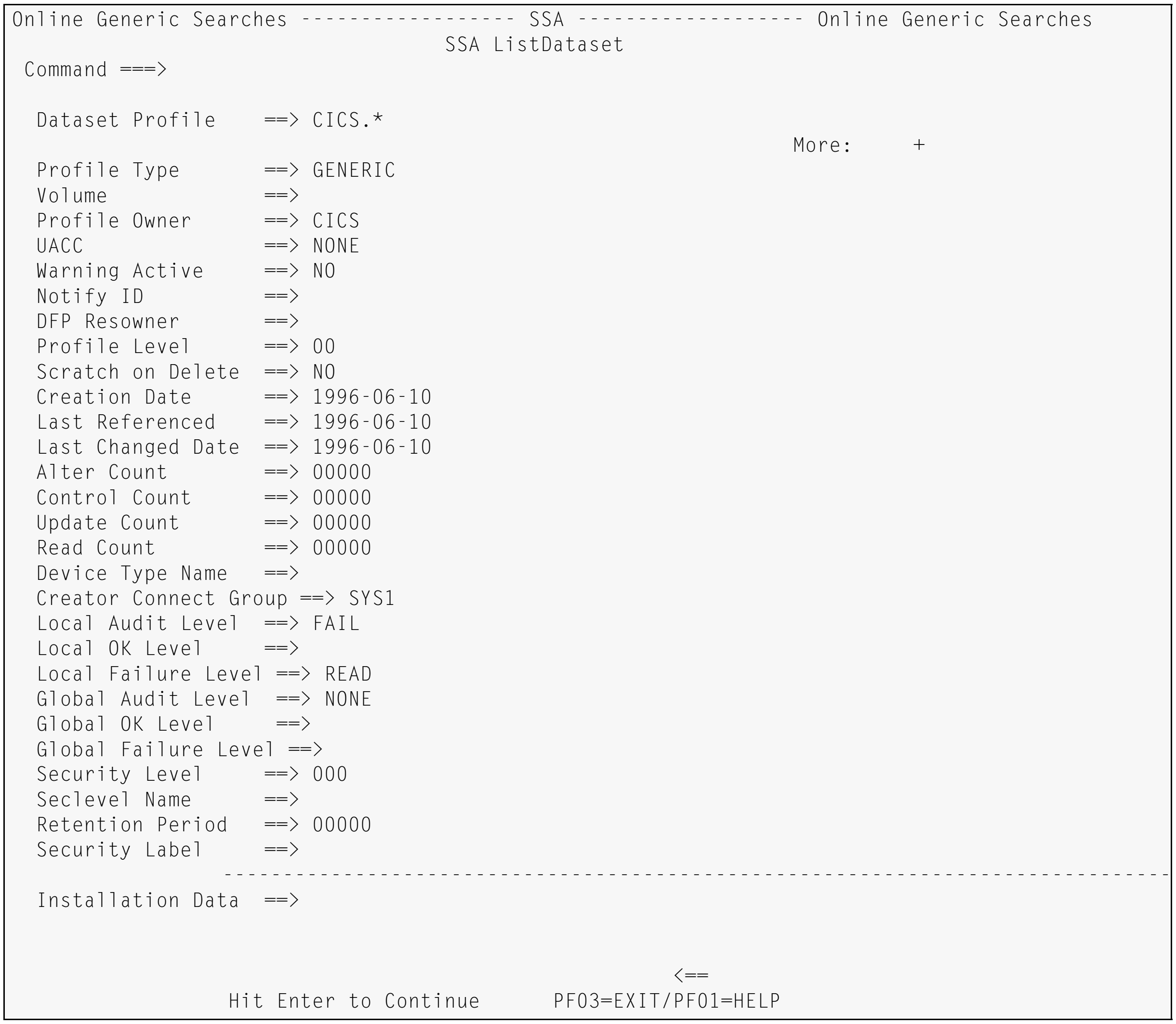
```
Online Generic Searches -------------- SSA ----------------- Online Generic
Searches
                             General User Information
  Command ===>                                                Scroll ===> CSR
                            .-------------------------------------------------.
                Modes - Va | ---------------------- SSA -------------------- |
                           | Command ===>                                    |
                           |                                                 |
 SEL  Userid          Name |        Type An Option and Press Enter: C        |
 --- -------- ----------   | ----------------------------------------------- |
 S   AASTC01  STARTED TASK |                                 More:     +     |
 ___ APPC     STARTED TASK |  A   SSA List User                              |
 ___ ASCH     STARTED TASK |  B   Display Connects                           |
 S   ASCHINT  STARTED TASK |  C   Display DATASET Profiles (HLQ=USERID)      |
 ___ BLSJPRMI ############ |  D   Display Permits to DATASET Profiles        |
 ___ BMLTDRB  RAY FONFIELD |  E   Display Permits to General Resources       |
 ___ BMLTDSD  STEVE TREND  |  F   Edit Installation Data                     |
 S   CICSTART ############ |  G   Display TSO Segment                        |
 ___ CICSUSER ############ |  H   Display CICS Segment                       |
 ___ DCEKERN  ############ |  I   Display LANGUAGE Segment                   |
 ___ DSN3UR00 STARTED TASK |  J   Display WORKATTR Segment                   |
 S   DUMPSRV  STARTED TASK |  K   Display DFP Segment                        |
 ___ EZAFTPAP ############ |  L   Display OPERPARM Segment                   |
 ___ FTPSERVE STARTED TASK '-------------------------------------------------'
 S   GTF      STARTED TASK        STARTASK STARTASK 1996-06-10 1996-06-10   N
```

At this point simply type in the option you would like to use and press the ENTER key. SSA will then process the chosen option on each selection made from the search result screen, and prompt you for any additional information, or will move you to the appropriate screen.

Some screens will allow you to select information for additional processing. These types of screens will have a SUB-FUNCTION: description under the EXPLANATION to describe what additional options you have available.

SSA ListDataset

Provides a listing of dataset information in a highly organized manner.

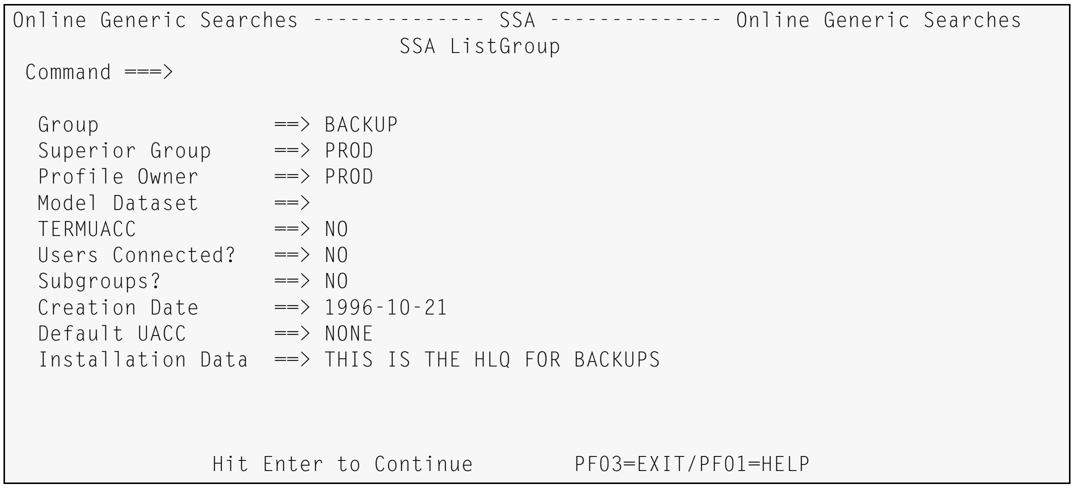


```
Online Generic Searches ------------------ SSA ------------------- Online Generic Searches
                                    SSA ListDataset
 Command ===>

  Dataset Profile    ==> CICS.*
                                                                More:     +
  Profile Type       ==> GENERIC
  Volume             ==>
  Profile Owner      ==> CICS
  UACC               ==> NONE
  Warning Active     ==> NO
  Notify ID          ==>
  DFP Resowner       ==>
  Profile Level      ==> 00
  Scratch on Delete  ==> NO
  Creation Date      ==> 1996-06-10
  Last Referenced    ==> 1996-06-10
  Last Changed Date  ==> 1996-06-10
  Alter Count        ==> 00000
  Control Count      ==> 00000
  Update Count       ==> 00000
  Read Count         ==> 00000
  Device Type Name   ==>
  Creator Connect Group ==> SYS1
  Local Audit Level  ==> FAIL
  Local OK Level     ==>
  Local Failure Level ==> READ
  Global Audit Level  ==> NONE
  Global OK Level     ==>
  Global Failure Level ==>
  Security Level     ==> 000
  Seclevel Name      ==>
  Retention Period   ==> 00000
  Security Label     ==>
                  ------------------------------------------------------------------------------
  Installation Data  ==>



                                                       <==
                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

SSA will display pertinent profile information in a highly organized and readable fashion.   To continue viewing any other selections you may have made just press the ENTER key. If the SSA configuration option Print After Browse is set to Y then a browse dataset panel with a report of all the selected entries that were just displayed will be presented.

SSA ListGroup

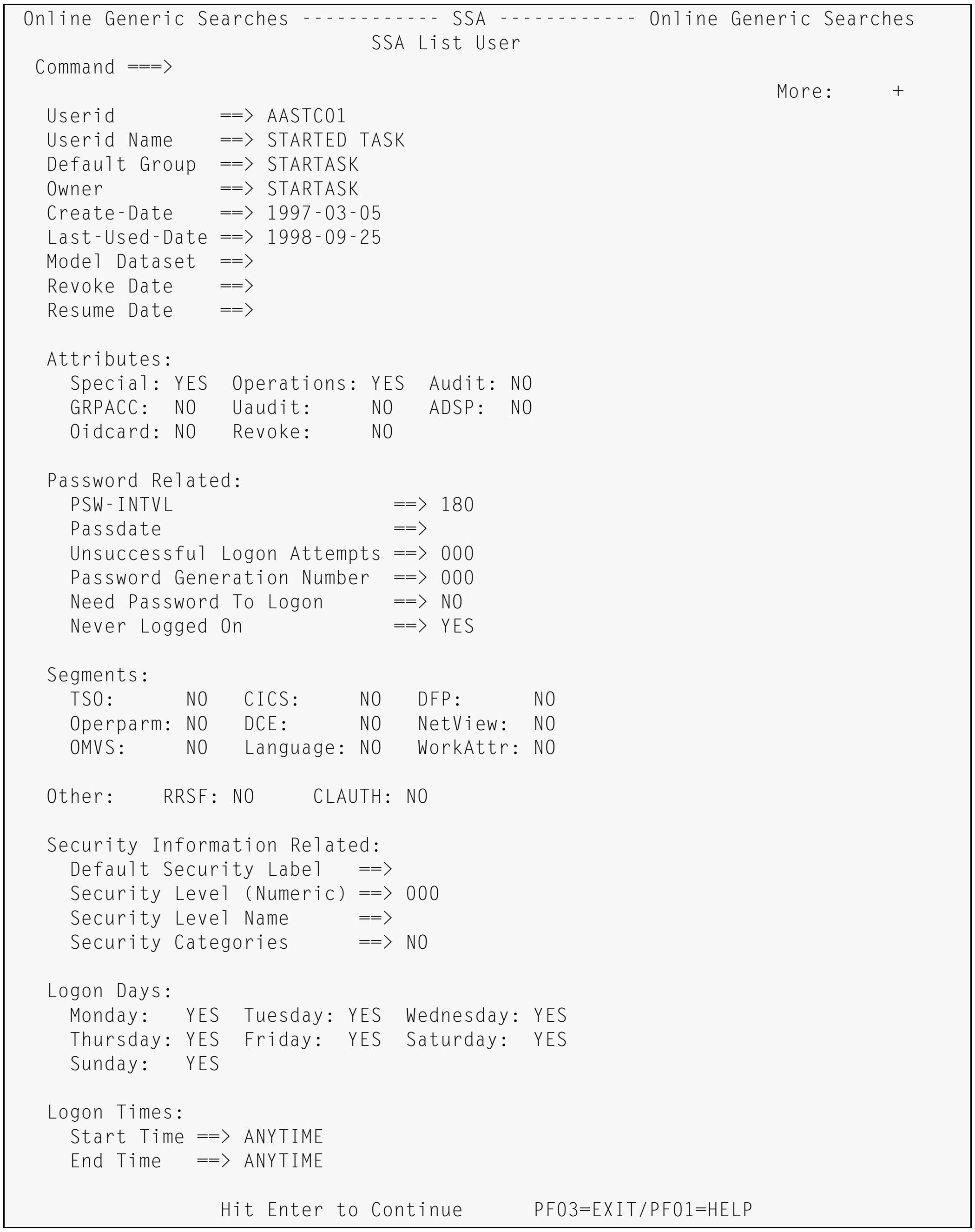
Provides a listing of group information in a highly organized manner.



```
Online Generic Searches -------------- SSA -------------- Online Generic Searches
                               SSA ListGroup
 Command ===>

  Group              ==> BACKUP
  Superior Group     ==> PROD
  Profile Owner      ==> PROD
  Model Dataset      ==>
  TERMUACC           ==> NO
  Users Connected?   ==> NO
  Subgroups?         ==> NO
  Creation Date      ==> 1996-10-21
  Default UACC       ==> NONE
  Installation Data  ==> THIS IS THE HLQ FOR BACKUPS



                Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

SSA ListUser

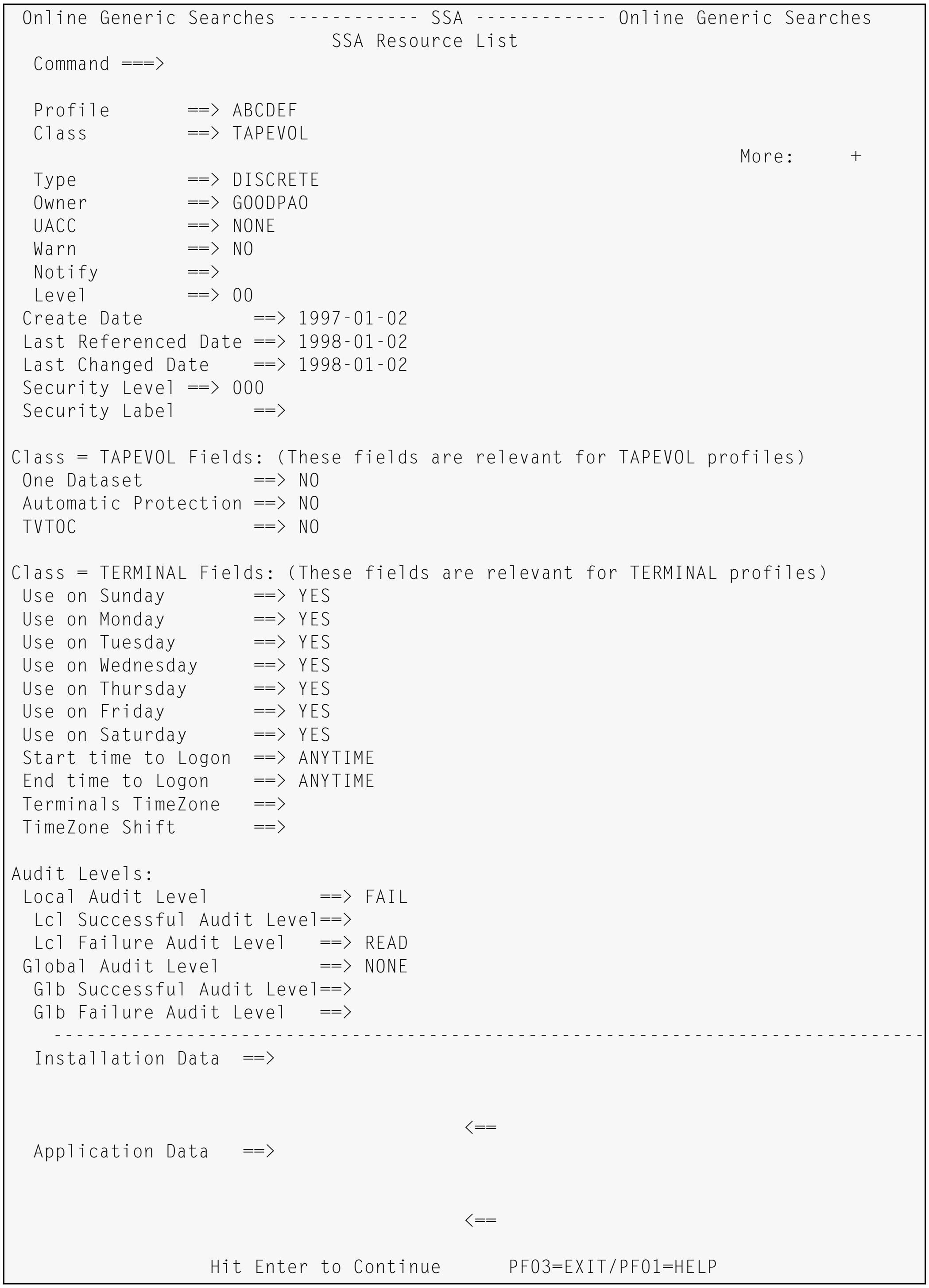
Provides a listing of userid information in a highly organized manner.



```
Online Generic Searches ----------- SSA ----------- Online Generic Searches
                              SSA List User
 Command ===>
                                                                More:     +
  Userid         ==> AASTC01
  Userid Name    ==> STARTED TASK
  Default Group  ==> STARTASK
  Owner          ==> STARTASK
  Create-Date    ==> 1997-03-05
  Last-Used-Date ==> 1998-09-25
  Model Dataset  ==>
  Revoke Date    ==>
  Resume Date    ==>

  Attributes:
    Special: YES  Operations: YES  Audit: NO
    GRPACC:  NO   Uaudit:     NO   ADSP:  NO
    Oidcard: NO   Revoke:     NO

  Password Related:
    PSW-INTVL                    ==> 180
    Passdate                     ==>
    Unsuccessful Logon Attempts ==> 000
    Password Generation Number  ==> 000
    Need Password To Logon      ==> NO
    Never Logged On             ==> YES

  Segments:
    TSO:      NO   CICS:     NO   DFP:      NO
    Operparm: NO   DCE:      NO   NetView:  NO
    OMVS:     NO   Language: NO   WorkAttr: NO

  Other:    RRSF: NO     CLAUTH: NO

  Security Information Related:
    Default Security Label    ==>
    Security Level (Numeric) ==> 000
    Security Level Name       ==>
    Security Categories       ==> NO

  Logon Days:
    Monday:   YES  Tuesday: YES  Wednesday: YES
    Thursday: YES  Friday:  YES  Saturday:  YES
    Sunday:   YES

  Logon Times:
    Start Time ==> ANYTIME
    End Time   ==> ANYTIME

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

SSA Resource List

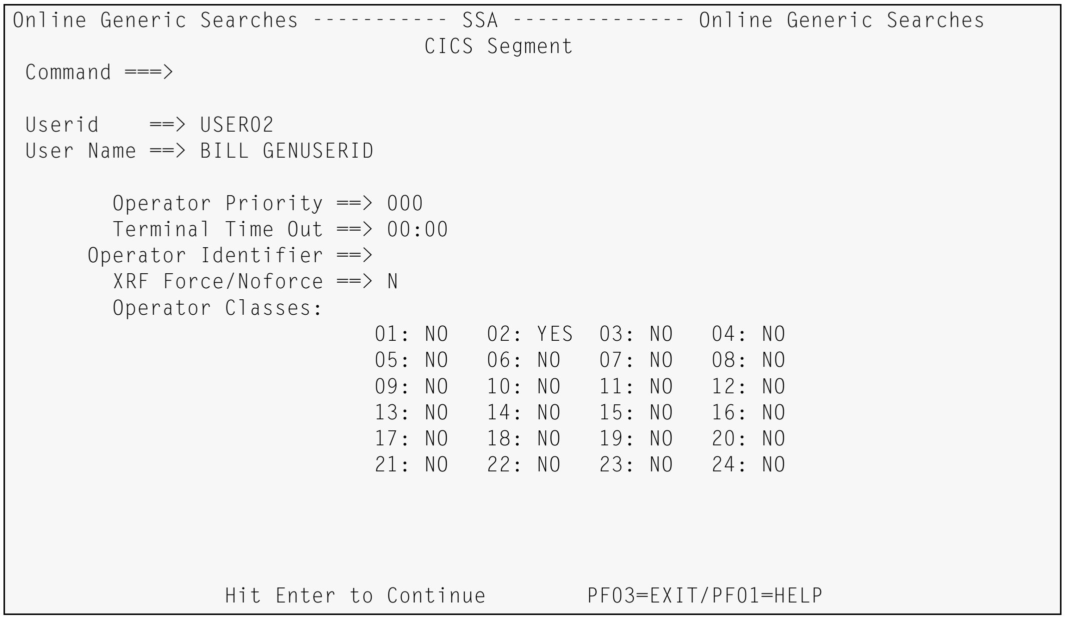
Provides a listing of general resource information in a highly organized manner.



```
 Online Generic Searches ------------ SSA ------------ Online Generic Searches
                             SSA Resource List
  Command ===>

  Profile       ==> ABCDEF
  Class         ==> TAPEVOL
                                                                  More:     +
  Type          ==> DISCRETE
  Owner         ==> GOODPAO
  UACC          ==> NONE
  Warn          ==> NO
  Notify        ==>
  Level         ==> 00
 Create Date          ==> 1997-01-02
 Last Referenced Date ==> 1998-01-02
 Last Changed Date    ==> 1998-01-02
 Security Level ==> 000
 Security Label       ==>

Class = TAPEVOL Fields: (These fields are relevant for TAPEVOL profiles)
 One Dataset          ==> NO
 Automatic Protection ==> NO
 TVTOC                ==> NO

Class = TERMINAL Fields: (These fields are relevant for TERMINAL profiles)
 Use on Sunday        ==> YES
 Use on Monday        ==> YES
 Use on Tuesday       ==> YES
 Use on Wednesday     ==> YES
 Use on Thursday      ==> YES
 Use on Friday        ==> YES
 Use on Saturday      ==> YES
 Start time to Logon  ==> ANYTIME
 End time to Logon    ==> ANYTIME
 Terminals TimeZone   ==>
 TimeZone Shift       ==>

Audit Levels:
 Local Audit Level          ==> FAIL
  Lcl Successful Audit Level==>
  Lcl Failure Audit Level   ==> READ
 Global Audit Level         ==> NONE
  Glb Successful Audit Level==>
  Glb Failure Audit Level   ==>
    ------------------------------------------------------------------------------
  Installation Data  ==>



                                         <==
  Application Data   ==>



                                         <==

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Display CICS Segment

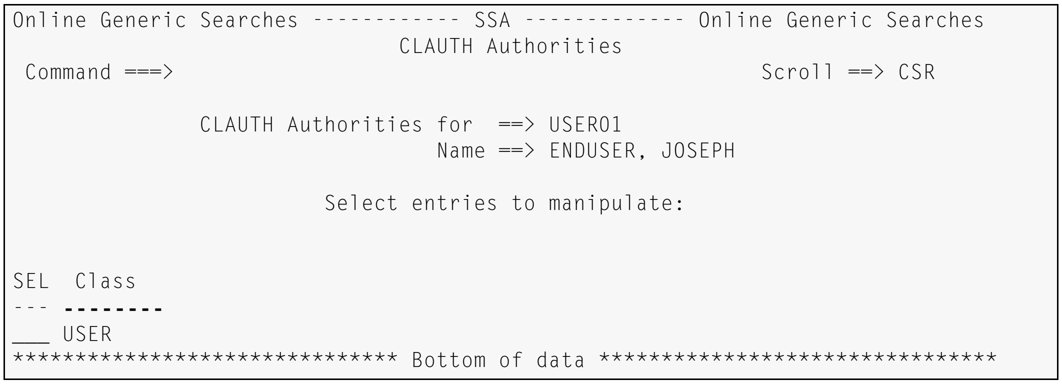
Provides a listing of CICS Segment information in a highly organized manner.



```
Online Generic Searches ----------- SSA -------------- Online Generic Searches
                                 CICS Segment
 Command ===>

 Userid    ==> USER02
 User Name ==> BILL GENUSERID

        Operator Priority ==> 000
        Terminal Time Out ==> 00:00
      Operator Identifier ==>
        XRF Force/Noforce ==> N
        Operator Classes:
                             01: NO   02: YES  03: NO   04: NO
                             05: NO   06: NO   07: NO   08: NO
                             09: NO   10: NO   11: NO   12: NO
                             13: NO   14: NO   15: NO   16: NO
                             17: NO   18: NO   19: NO   20: NO
                             21: NO   22: NO   23: NO   24: NO




                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Display CLAUTH Authorities

Provides a table display listing all CLAUTH Authority information for a user.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                               CLAUTH Authorities
 Command ===>                                             Scroll ==> CSR

               CLAUTH Authorities for  ==> USER01
                                  Name ==> ENDUSER, JOSEPH

                         Select entries to manipulate:


SEL  Class
--- --------
___ USER
****************************** Bottom of data *******************************
```

Available Sub-functions

If a selection is made from the table display the following sub-functions are available:

A) Remove the CLAUTH Authority

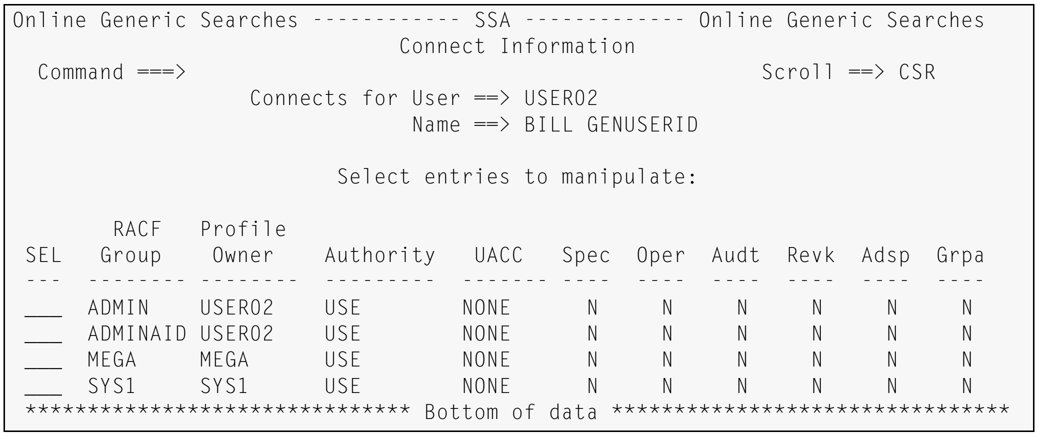
B) Re-Issue the CLAUTH Authority

C) Issue CLAUTH Command

D) Print CLAUTH Authority Information

Display Connects

Provides a table display listing all connect groups for a user. This option is chosen from a various mode main pop-up panel.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                               Connect Information
  Command ===>                                              Scroll ==> CSR
                   Connects for User ==> USER02
                                Name ==> BILL GENUSERID

                          Select entries to manipulate:

        RACF   Profile
 SEL   Group    Owner    Authority   UACC   Spec  Oper  Audt  Revk  Adsp  Grpa
 ---  -------- --------  ---------  ------- ----  ----  ----  ----  ----  ----
 ___  ADMIN    USER02    USE        NONE      N     N     N     N     N     N
 ___  ADMINAID USER02    USE        NONE      N     N     N     N     N     N
 ___  MEGA     MEGA      USE        NONE      N     N     N     N     N     N
 ___  SYS1     SYS1      USE        NONE      N     N     N     N     N     N
 ****************************** Bottom of data *******************************
```

Available Sub-functions

If a selection is made from the table display the following sub-functions are available:

A) Re-Issue (Modify) the Connect Profile

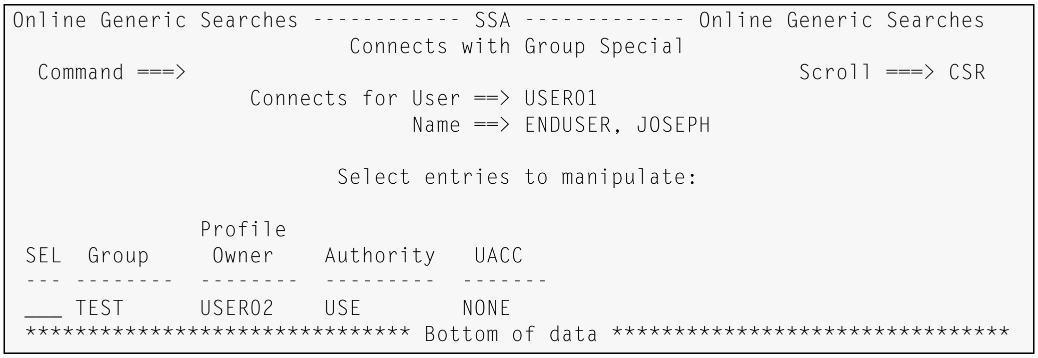
B) Remove the Connect Profile

C) Issue Connect Command For Another Userid

D) Print Connect Information

Display Connects with Group Special

Provides a table display listing all users that have a group special attribute on any connect profile.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                           Connects with Group Special
  Command ===>                                                 Scroll ===> CSR
                   Connects for User ==> USER01
                                Name ==> ENDUSER, JOSEPH

                          Select entries to manipulate:

               Profile
 SEL  Group     Owner    Authority   UACC
 --- -------- -------- ---------  -------
 ___ TEST     USER02   USE        NONE
 ******************************* Bottom of data ********************************
```

Available Sub-functions

If a selection is made from the table display the following sub-functions are available:

A) Re-Issue (Modify) the Connect Profile

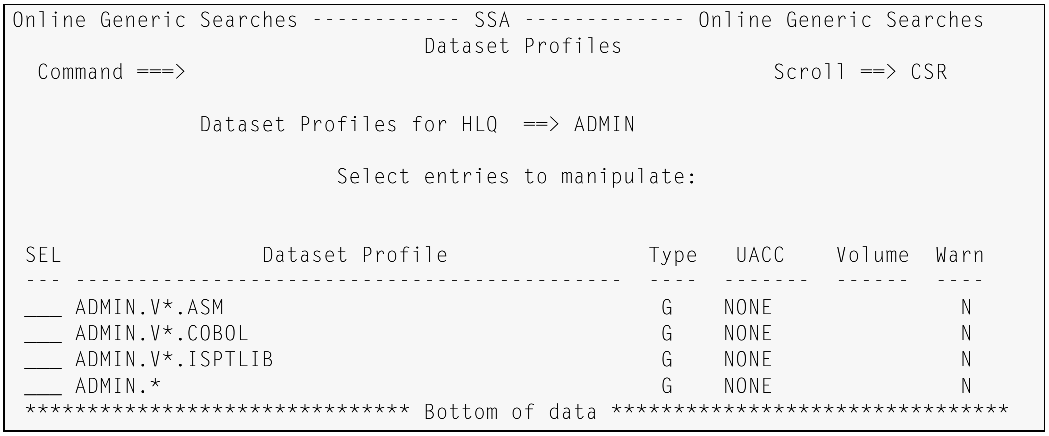
B) Remove the Connect Profile

C) Issue Connect Command For Another Userid

D) Print Connect Information

Display DATASET Profiles (HLQ=Group)

Display all dataset profiles where the High Level Qualifier equals the Group selected.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                                 Dataset Profiles
  Command ===>                                               Scroll ==> CSR

               Dataset Profiles for HLQ  ==> ADMIN

                          Select entries to manipulate:


 SEL                Dataset Profile                Type   UACC    Volume  Warn
 --- --------------------------------------------  ----  -------  ------  ----
 ___ ADMIN.V*.ASM                                   G    NONE               N
 ___ ADMIN.V*.COBOL                                 G    NONE               N
 ___ ADMIN.V*.ISPTLIB                               G    NONE               N
 ___ ADMIN.*                                        G    NONE               N
 ******************************* Bottom of data ********************************
```

Available Sub-functions

If a selection is made from the table display the following sub-functions are available:

A) Delete Dataset Profile

B) Clear out Access List Entries

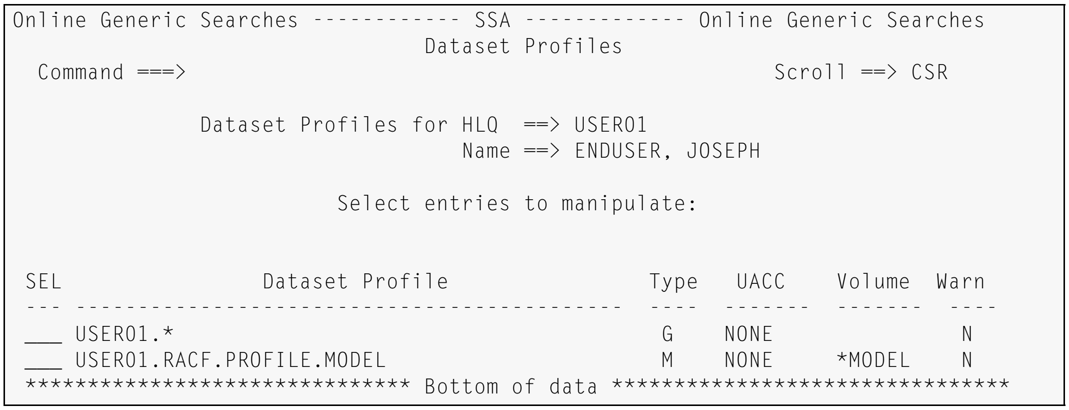
C) Issue Permit Command

D) Print List of Datasets Protected By Profile

E) Print Profile Information

Display DATASET Profiles (HLQ=UserID)

Display all dataset profiles where the High Level Qualifier equals the UserID selected.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                                 Dataset Profiles
  Command ===>                                                Scroll ==> CSR

               Dataset Profiles for HLQ  ==> USER01
                                    Name ==> ENDUSER, JOSEPH

                          Select entries to manipulate:


 SEL                Dataset Profile                Type   UACC    Volume  Warn
 --- --------------------------------------------  ----  -------  -------  ----
 ___ USER01.*                                       G    NONE              N
 ___ USER01.RACF.PROFILE.MODEL                      M    NONE     *MODEL   N
******************************* Bottom of data ********************************
```

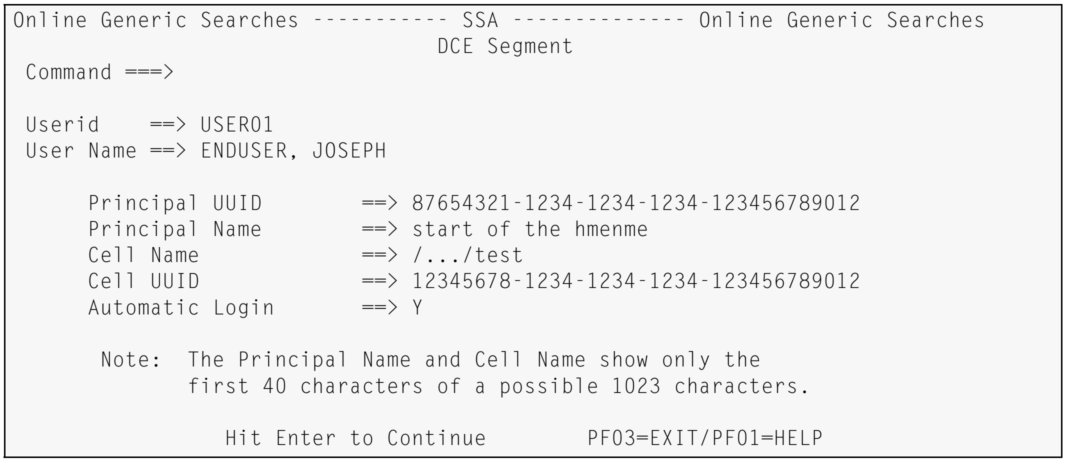
Available Sub-functions

If a selection is made from the table display the following sub-functions are available:

A)	Delete Dataset Profile
B)	Clear out Access List Entries
C)	Issue Permit Command
D)	Print List of Datasets Protected By Profile
E)	Print Profile Information

Display DCE Segment

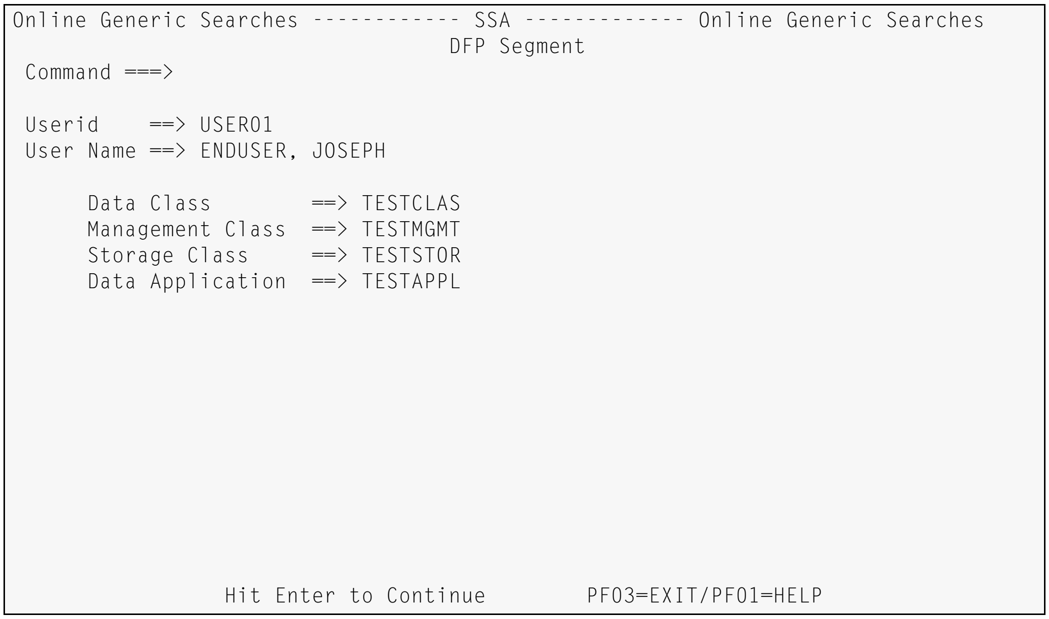
Provides a listing of DCE Segment information in a highly organized manner.



```
Online Generic Searches ----------- SSA -------------- Online Generic Searches
                                  DCE Segment
 Command ===>

 Userid    ==> USER01
 User Name ==> ENDUSER, JOSEPH

      Principal UUID        ==> 87654321-1234-1234-1234-123456789012
      Principal Name        ==> start of the hmenme
      Cell Name             ==> /.../test
      Cell UUID             ==> 12345678-1234-1234-1234-123456789012
      Automatic Login       ==> Y

       Note:  The Principal Name and Cell Name show only the
              first 40 characters of a possible 1023 characters.

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Display DFP Segment

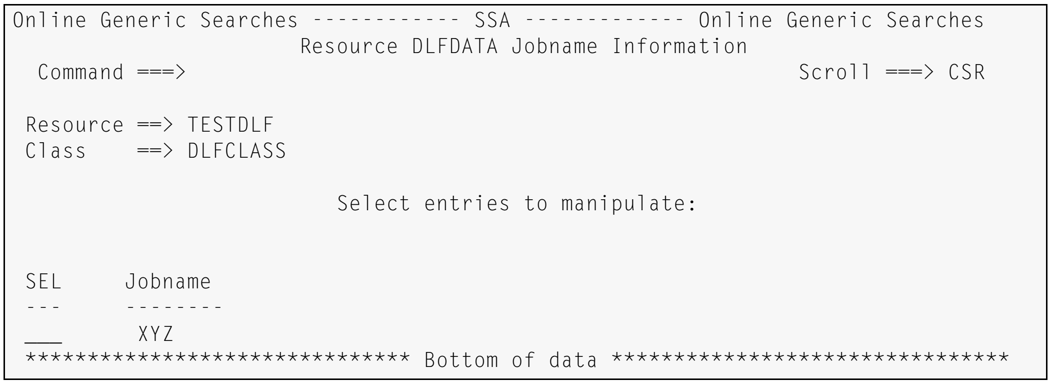
Provides a listing of DFP Segment information in a highly organized manner.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                                   DFP Segment
 Command ===>

 Userid    ==> USER01
 User Name ==> ENDUSER, JOSEPH

      Data Class        ==> TESTCLAS
      Management Class  ==> TESTMGMT
      Storage Class     ==> TESTSTOR
      Data Application  ==> TESTAPPL











                  Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Display Jobnames

Display general resource DLF Segment Jobname information in a highly organized format.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                       Resource DLFDATA Jobname Information
  Command ===>                                               Scroll ===> CSR

 Resource ==> TESTDLF
 Class    ==> DLFCLASS

                          Select entries to manipulate:


 SEL     Jobname
 ---     --------
 ___      XYZ
 ******************************* Bottom of data ********************************
```

Available Sub-functions

If a selection is made from the table display the following sub-functions are available:

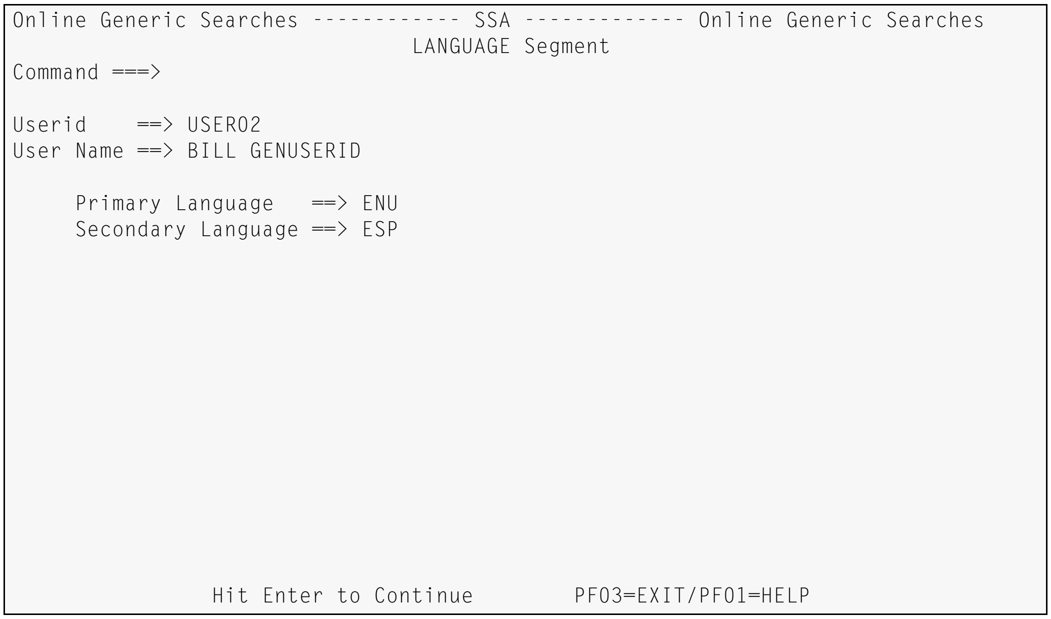
A) Re-Add Jobname

B) Delete Jobname

C) Print Jobname Information

Display Language Segment

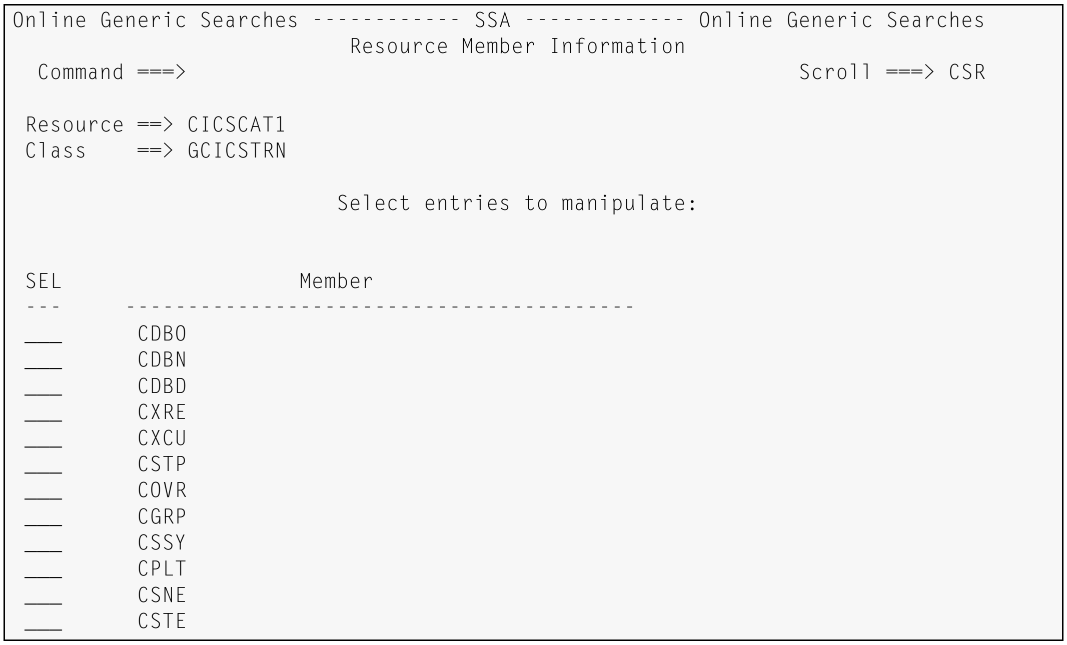
Provides a listing of Language Segment information in a highly organized manner.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                                LANGUAGE Segment
Command ===>

Userid    ==> USER02
User Name ==> BILL GENUSERID

     Primary Language   ==> ENU
     Secondary Language ==> ESP













                Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Display Members

Display general resource member information in a highly organized format.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                           Resource Member Information
 Command ===>                                                  Scroll ===> CSR

 Resource ==> CICSCAT1
 Class    ==> GCICSTRN

                          Select entries to manipulate:


 SEL                   Member
 ---     ----------------------------------------
 ___      CDBO
 ___      CDBN
 ___      CDBD
 ___      CXRE
 ___      CXCU
 ___      CSTP
 ___      COVR
 ___      CGRP
 ___      CSSY
 ___      CPLT
 ___      CSNE
 ___      CSTE
```

Availalbe Sub-functions

If a selection is made from the table display the following sub-functions are available:

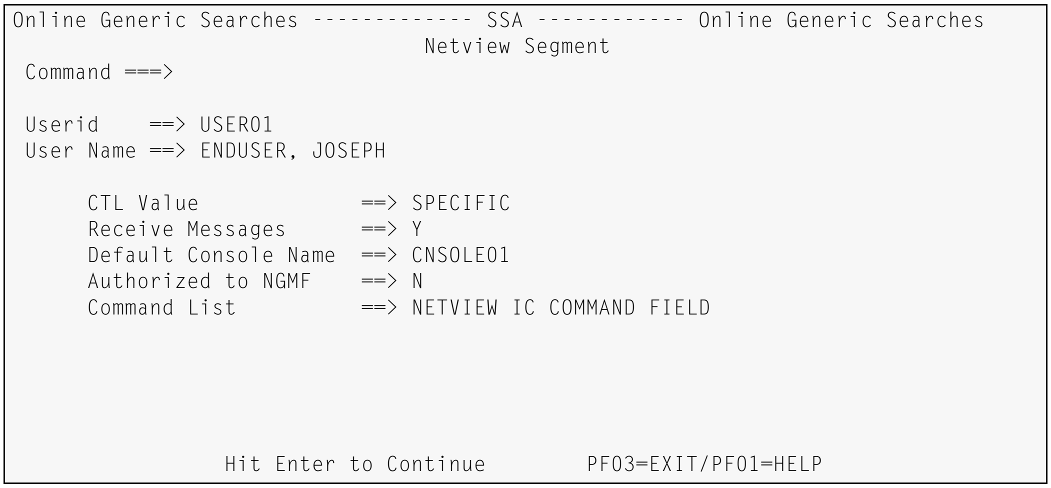
A) Re-Add the Member

B) Remove the Member

C) Print Member Information

Display NETVIEW Segment

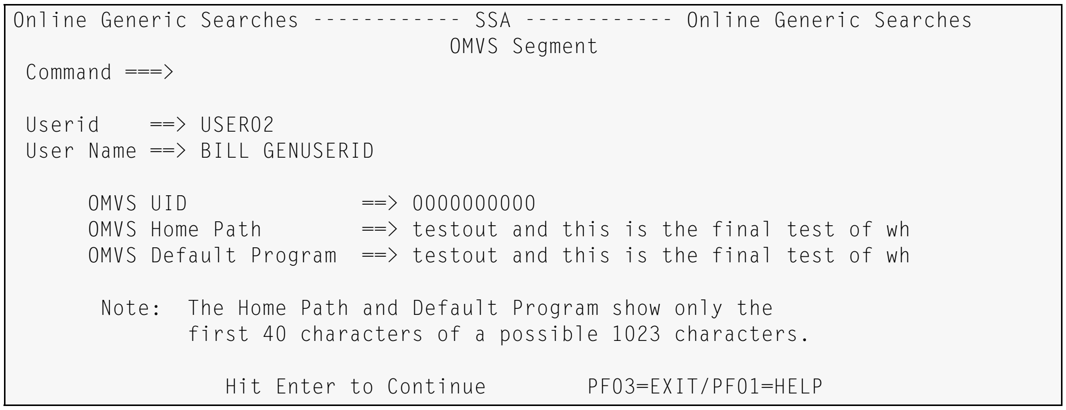
Provides a listing of NETVIEW Segment information in a highly organized manner.



```
Online Generic Searches ------------- SSA ------------ Online Generic Searches
                                 Netview Segment
 Command ===>

 Userid    ==> USER01
 User Name ==> ENDUSER, JOSEPH

      CTL Value             ==> SPECIFIC
      Receive Messages      ==> Y
      Default Console Name  ==> CNSOLE01
      Authorized to NGMF    ==> N
      Command List          ==> NETVIEW IC COMMAND FIELD




                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Display OMVS Segment

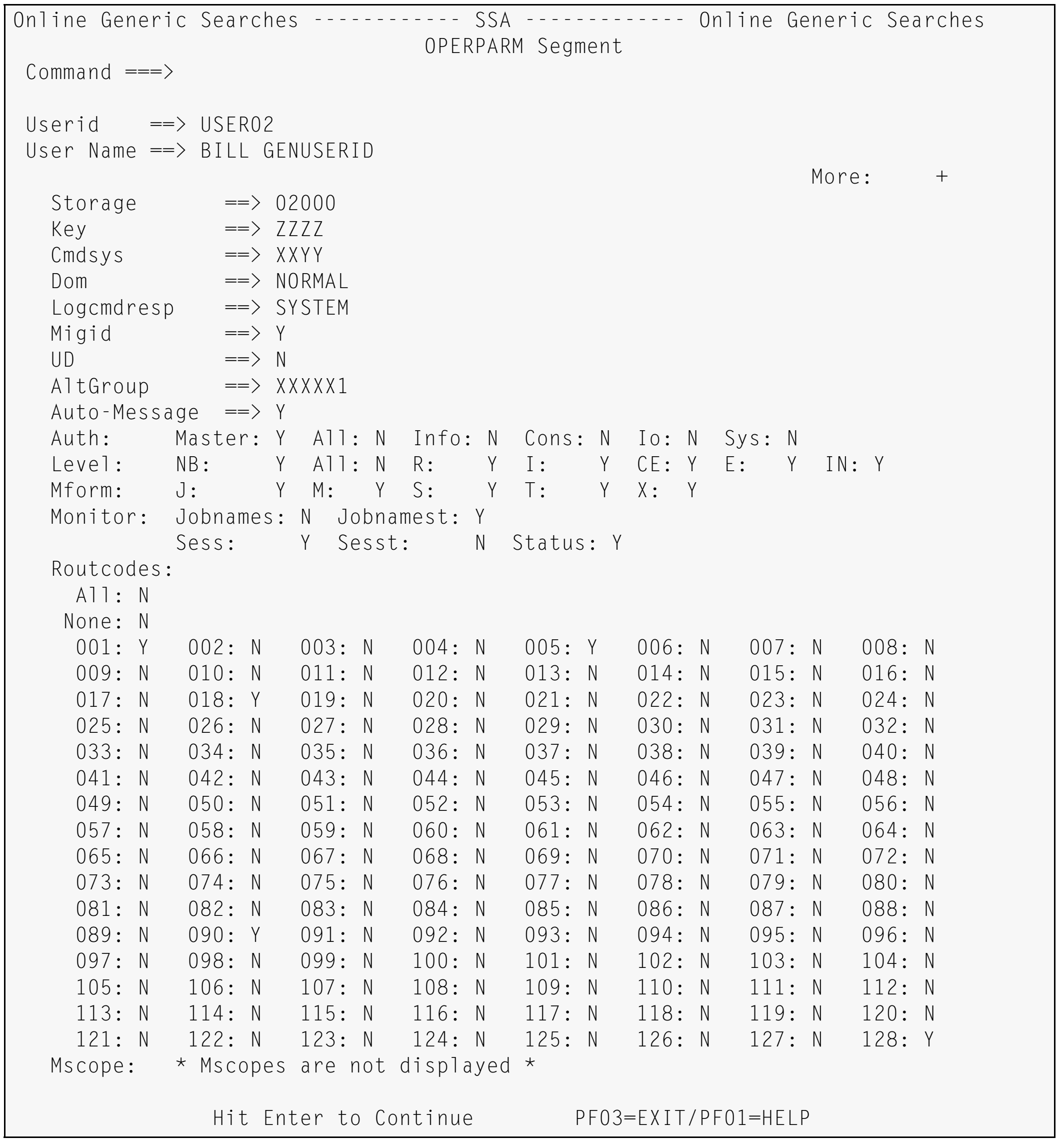
Provides a listing of OMVS Segment information in a highly organized manner.



```
Online Generic Searches ------------ SSA ------------ Online Generic Searches
                                   OMVS Segment
 Command ===>

 Userid    ==> USER02
 User Name ==> BILL GENUSERID

      OMVS UID              ==> 0000000000
      OMVS Home Path        ==> testout and this is the final test of wh
      OMVS Default Program  ==> testout and this is the final test of wh

       Note:  The Home Path and Default Program show only the
              first 40 characters of a possible 1023 characters.

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Display OPERPARM Segment

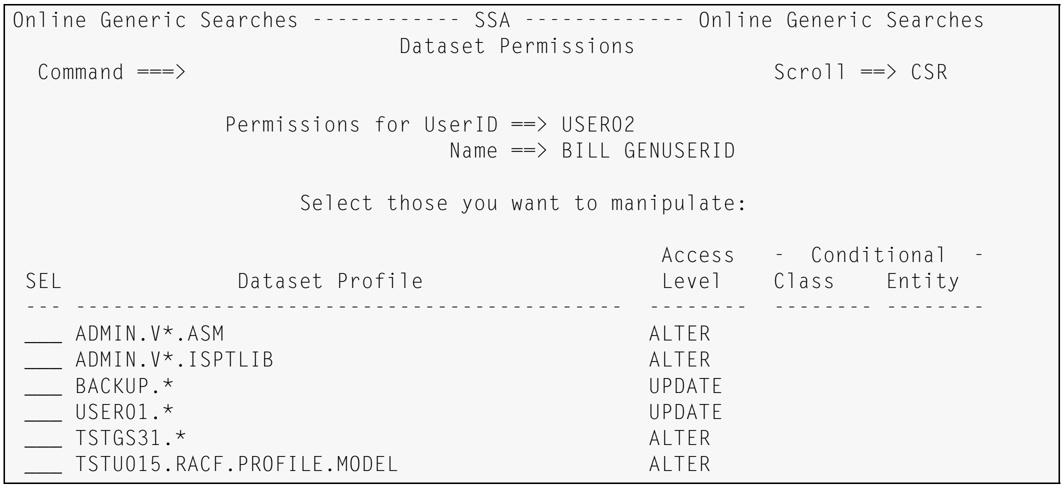
Provides a listing of OPERPARM Segment information in a highly organized manner.



```
Online Generic Searches ----------- SSA ------------ Online Generic Searches
                                 OPERPARM Segment
 Command ===>

 Userid    ==> USER02
 User Name ==> BILL GENUSERID
                                                                More:     +
   Storage       ==> 02000
   Key           ==> ZZZZ
   Cmdsys        ==> XXYY
   Dom           ==> NORMAL
   Logcmdresp    ==> SYSTEM
   Migid         ==> Y
   UD            ==> N
   AltGroup      ==> XXXXX1
   Auto-Message  ==> Y
   Auth:     Master: Y  All: N  Info: N  Cons: N  Io: N  Sys: N
   Level:    NB:     Y  All: N  R:     Y  I:     Y  CE: Y  E:    Y  IN: Y
   Mform:    J:      Y  M:   Y  S:     Y  T:     Y  X:  Y
   Monitor:  Jobnames: N  Jobnamest: Y
             Sess:     Y  Sesst:     N  Status: Y
   Routcodes:
     All: N
    None: N
     001: Y   002: N   003: N   004: N   005: Y   006: N   007: N   008: N
     009: N   010: N   011: N   012: N   013: N   014: N   015: N   016: N
     017: N   018: Y   019: N   020: N   021: N   022: N   023: N   024: N
     025: N   026: N   027: N   028: N   029: N   030: N   031: N   032: N
     033: N   034: N   035: N   036: N   037: N   038: N   039: N   040: N
     041: N   042: N   043: N   044: N   045: N   046: N   047: N   048: N
     049: N   050: N   051: N   052: N   053: N   054: N   055: N   056: N
     057: N   058: N   059: N   060: N   061: N   062: N   063: N   064: N
     065: N   066: N   067: N   068: N   069: N   070: N   071: N   072: N
     073: N   074: N   075: N   076: N   077: N   078: N   079: N   080: N
     081: N   082: N   083: N   084: N   085: N   086: N   087: N   088: N
     089: N   090: Y   091: N   092: N   093: N   094: N   095: N   096: N
     097: N   098: N   099: N   100: N   101: N   102: N   103: N   104: N
     105: N   106: N   107: N   108: N   109: N   110: N   111: N   112: N
     113: N   114: N   115: N   116: N   117: N   118: N   119: N   120: N
     121: N   122: N   123: N   124: N   125: N   126: N   127: N   128: Y
   Mscope:   * Mscopes are not displayed *

                Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Display Permits to Dataset Profiles

Display permissions to Dataset profiles.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                               Dataset Permissions
  Command ===>                                               Scroll ==> CSR

                 Permissions for UserID ==> USER02
                                   Name ==> BILL GENUSERID

                       Select those you want to manipulate:

                                                    Access   -  Conditional  -
 SEL              Dataset Profile                   Level    Class    Entity
 --- --------------------------------------------  --------  -------- --------
 ___ ADMIN.V*.ASM                                  ALTER
 ___ ADMIN.V*.ISPTLIB                              ALTER
 ___ BACKUP.*                                      UPDATE
 ___ USER01.*                                      UPDATE
 ___ TSTGS31.*                                     ALTER
 ___ TSTU015.RACF.PROFILE.MODEL                    ALTER
```

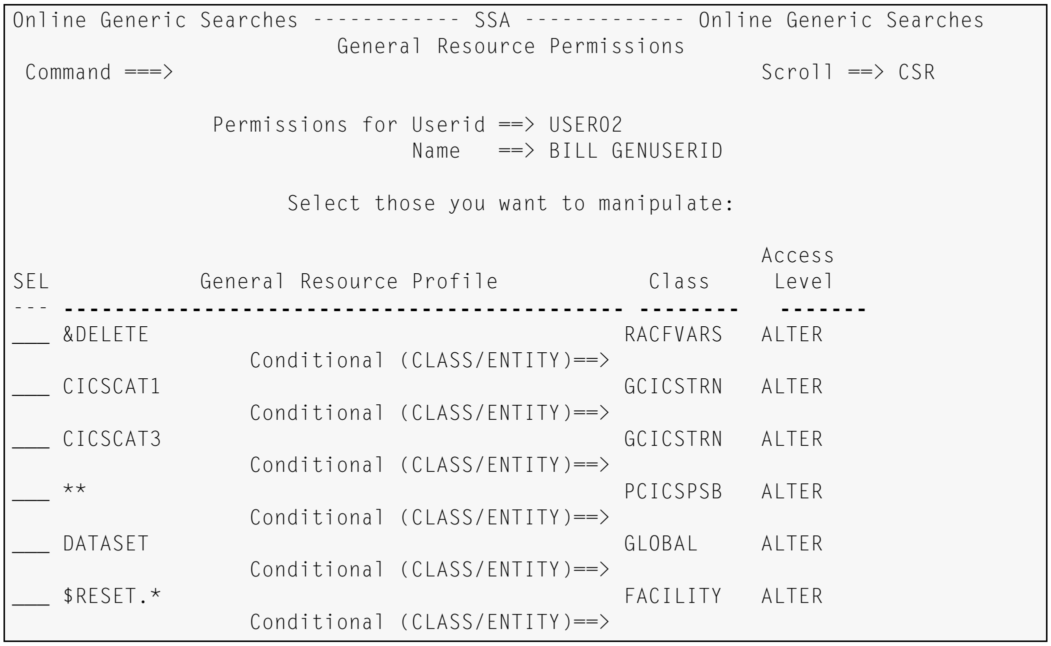
Available Sub-functions

If a selection is made from the table display the following sub-functions are available:

A)	Remove the Permit
B)	Re-Issue the Permit
C)	Issue Permit Command
D)	Print List of Datasets Protected By Profile
E)	Print Permit Information

Display Permits to General Resource Profiles

Display permissions to General Resource profiles.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                          General Resource Permissions
 Command ===>                                               Scroll ==> CSR

                Permissions for Userid ==> USER02
                                Name   ==> BILL GENUSERID

                      Select those you want to manipulate:

                                                            Access
SEL            General Resource Profile           Class      Level
--- --------------------------------------------- --------   -------
___ &DELETE                                      RACFVARS   ALTER
                   Conditional (CLASS/ENTITY)==>
___ CICSCAT1                                     GCICSTRN   ALTER
                   Conditional (CLASS/ENTITY)==>
___ CICSCAT3                                     GCICSTRN   ALTER
                   Conditional (CLASS/ENTITY)==>
___ **                                           PCICSPSB   ALTER
                   Conditional (CLASS/ENTITY)==>
___ DATASET                                      GLOBAL     ALTER
                   Conditional (CLASS/ENTITY)==>
___ $RESET.*                                     FACILITY   ALTER
                   Conditional (CLASS/ENTITY)==>
```

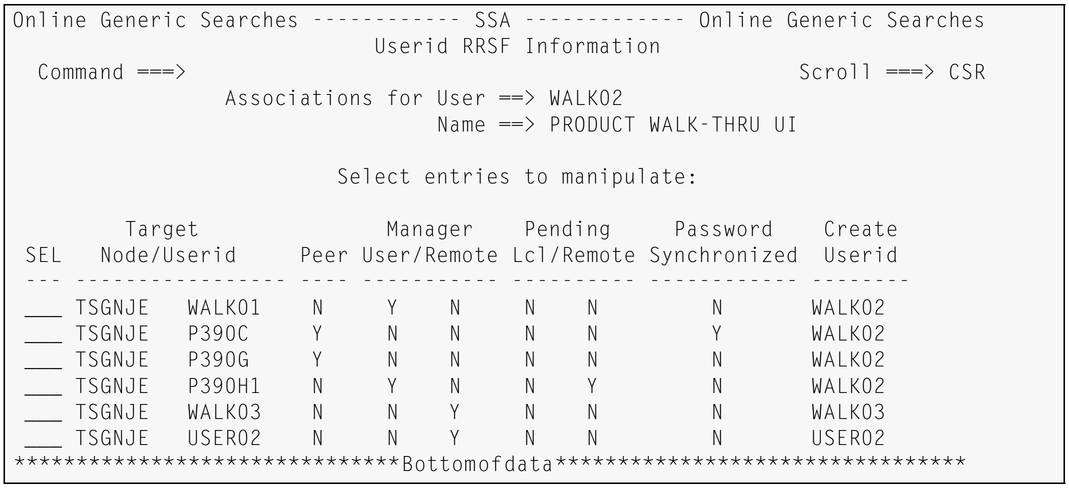
Available Sub-functions

If a selection is made from the table display the following sub-functions are available:

A)	Remove the Permit
B)	Re-Issue the Permit
C)	Issue Permit Command
D)	Print Permit Information

Display RRSF Information

Provides a listing of RRSF information in a highly organized manner.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                             Userid RRSF Information
  Command ===>                                                 Scroll ===> CSR
                 Associations for User ==> WALK02
                                  Name ==> PRODUCT WALK-THRU UI

                          Select entries to manipulate:

         Target               Manager    Pending     Password    Create
 SEL   Node/Userid     Peer User/Remote Lcl/Remote Synchronized  Userid
 --- ----------------- ---- ----------- ---------- ------------ --------
 ___ TSGNJE   WALK01   N     Y    N     N    N         N       WALK02
 ___ TSGNJE   P390C    Y     N    N     N    N         Y       WALK02
 ___ TSGNJE   P390G    Y     N    N     N    N         N       WALK02
 ___ TSGNJE   P390H1   N     Y    N     N    Y         N       WALK02
 ___ TSGNJE   WALK03   N     N    Y     N    N         N       WALK03
 ___ TSGNJE   USER02   N     N    Y     N    N         N       USER02
*******************************Bottomofdata*********************************
```

Available Sub-functions

If a selection is made from the table display the following sub-functions are available:

A)	Define New Association
B)	Undefine the Association

Peer Associations

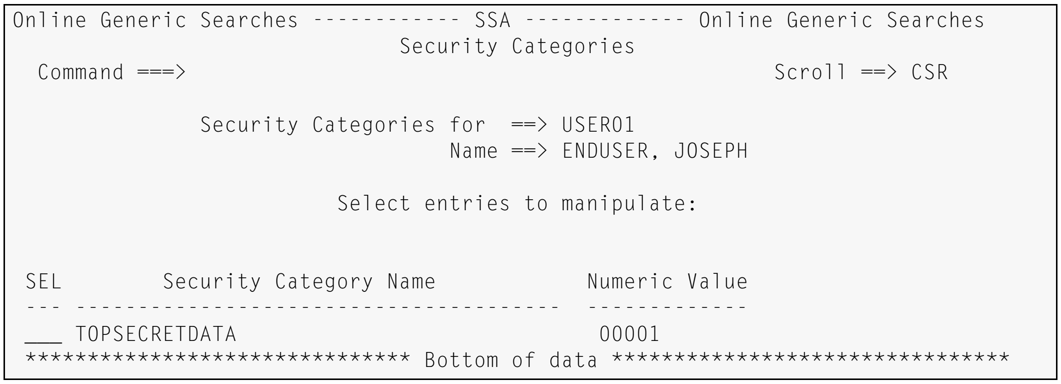
C)	Model the Association
D)	Change the Association

Managed Associations

E)	Model the Association
F)	Change the Association
G)	Approve the Association
H)	Print RRSF Association Information

Display Security Categories

Provides a listing of Security Category information in a highly organized manner.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                               Security Categories
  Command ===>                                                 Scroll ==> CSR

               Security Categories for  ==> USER01
                                   Name ==> ENDUSER, JOSEPH

                          Select entries to manipulate:


 SEL        Security Category Name           Numeric Value
 --- ---------------------------------------  -------------
 ___ TOPSECRETDATA                             00001
 ******************************* Bottom of data ********************************
```

Available Sub-functions

If a selection is made from the table display the following sub-functions are available:

A) Remove the Security Category Entry

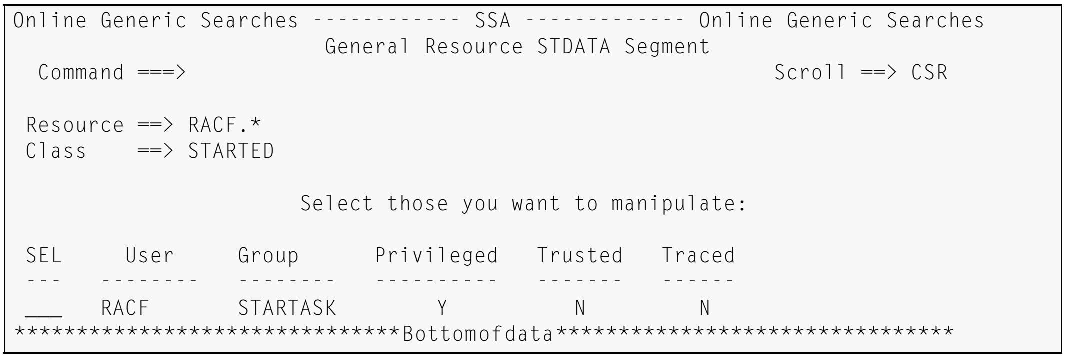
B) Re-Issue the Security Category Entry

C) Issue Security Category Command

D) Print Security Category Information

Display STDATA Segment

Provides a listing of STDATA Segment information in a highly organized manner.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                         General Resource STDATA Segment
  Command ===>                                                Scroll ==> CSR

 Resource ==> RACF.*
 Class    ==> STARTED

                       Select those you want to manipulate:

 SEL     User      Group      Privileged   Trusted   Traced
 ---   --------   --------   ----------   -------   ------
 ___   RACF       STARTASK        Y          N         N
*******************************Bottomofdata********************************
```

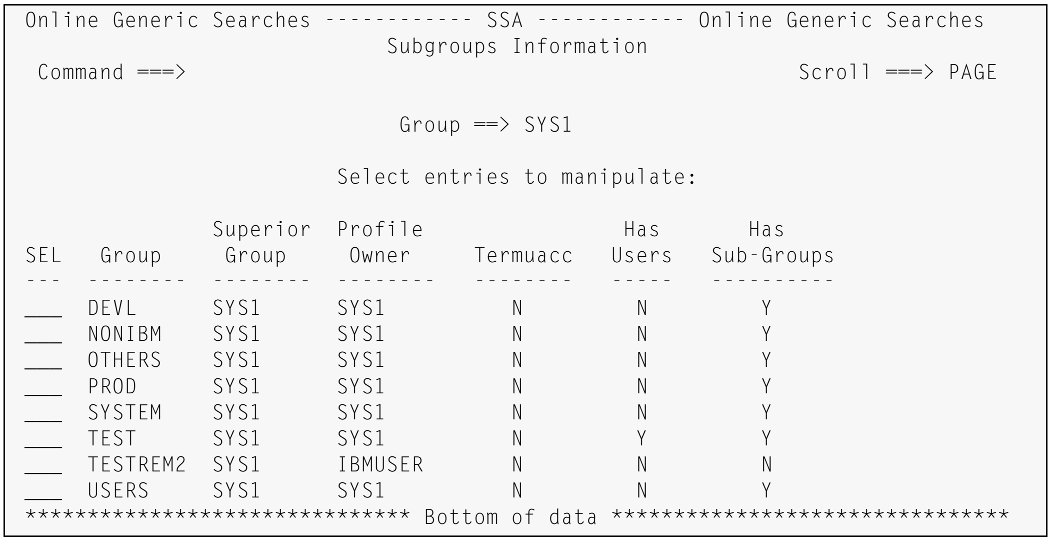
Available Sub-functions

If a selection is made from the table display the following sub-functions are available:

A)	Re-Add the STDATA Segment
B)	Remove the STDATA Segment
C)	Print STDATA Segment Information

Display Subgroups

Provides a listing of subgroup information in a highly organized manner.



```
Online Generic Searches ------------ SSA ------------ Online Generic Searches
                             Subgroups Information
 Command ===>                                                 Scroll ===> PAGE

                              Group ==> SYS1

                         Select entries to manipulate:

               Superior  Profile                Has       Has
SEL   Group     Group     Owner     Termuacc   Users   Sub-Groups
---  --------  --------  --------   --------   -----   ----------
___  DEVL      SYS1      SYS1          N         N         Y
___  NONIBM    SYS1      SYS1          N         N         Y
___  OTHERS    SYS1      SYS1          N         N         Y
___  PROD      SYS1      SYS1          N         N         Y
___  SYSTEM    SYS1      SYS1          N         N         Y
___  TEST      SYS1      SYS1          N         Y         Y
___  TESTREM2  SYS1      IBMUSER       N         N         N
___  USERS     SYS1      SYS1          N         N         Y
******************************* Bottom of data ********************************
```

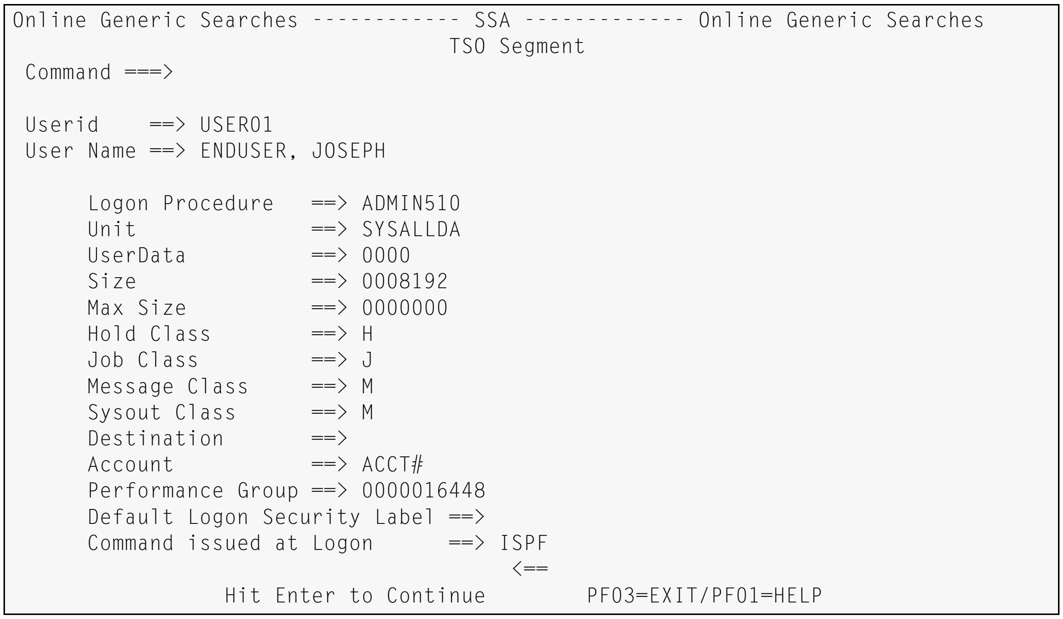
Available Sub-functions

If a selection is made from the table display the following sub-functions are available:

A)	Change Superior Group
B)	Pass to Replicate Group
C)	Pass to Remove All References
D)	Print Group Information

Display TSO Segment

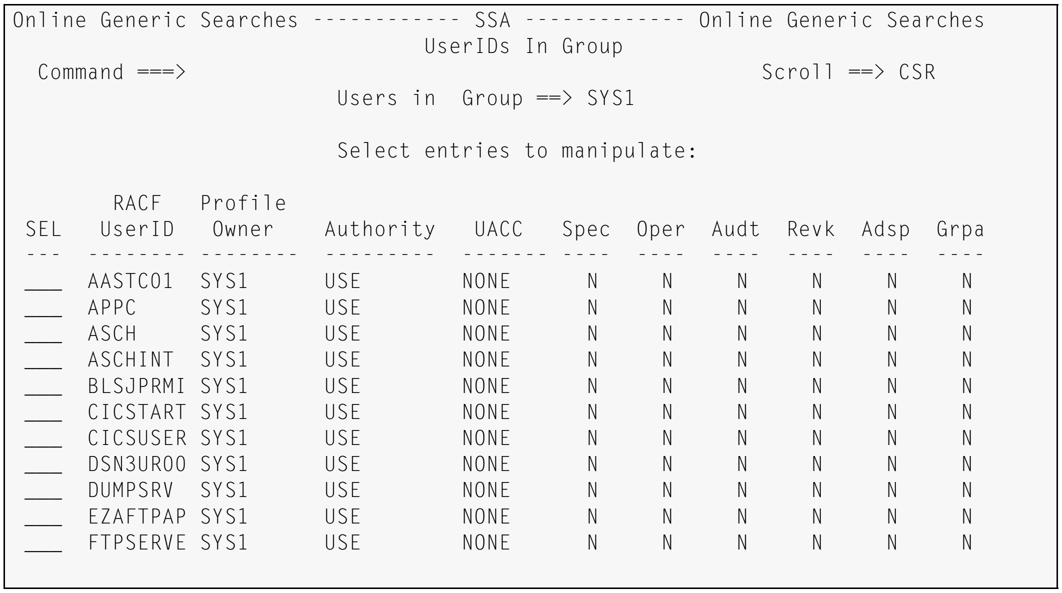
Provides a listing of TSO Segment information in a highly organized manner.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                                   TSO Segment
 Command ===>

 Userid    ==> USER01
 User Name ==> ENDUSER, JOSEPH

      Logon Procedure   ==> ADMIN510
      Unit              ==> SYSALLDA
      UserData          ==> 0000
      Size              ==> 0008192
      Max Size          ==> 0000000
      Hold Class        ==> H
      Job Class         ==> J
      Message Class     ==> M
      Sysout Class      ==> M
      Destination       ==>
      Account           ==> ACCT#
      Performance Group ==> 0000016448
      Default Logon Security Label ==>
      Command issued at Logon      ==> ISPF
                                        <==
                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Display Users in Group

Provides a listing of users connected to a group in a highly organized manner.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                                 UserIDs In Group
  Command ===>                                                Scroll ==> CSR
                          Users in  Group ==> SYS1

                          Select entries to manipulate:

       RACF   Profile
 SEL   UserID  Owner    Authority   UACC   Spec  Oper  Audt  Revk  Adsp  Grpa
 ---  -------- --------  ---------  ------- ----  ----  ----  ----  ----  ----
 ___  AASTC01  SYS1      USE        NONE      N     N     N     N     N     N
 ___  APPC     SYS1      USE        NONE      N     N     N     N     N     N
 ___  ASCH     SYS1      USE        NONE      N     N     N     N     N     N
 ___  ASCHINT  SYS1      USE        NONE      N     N     N     N     N     N
 ___  BLSJPRMI SYS1      USE        NONE      N     N     N     N     N     N
 ___  CICSTART SYS1      USE        NONE      N     N     N     N     N     N
 ___  CICSUSER SYS1      USE        NONE      N     N     N     N     N     N
 ___  DSN3UR00 SYS1      USE        NONE      N     N     N     N     N     N
 ___  DUMPSRV  SYS1      USE        NONE      N     N     N     N     N     N
 ___  EZAFTPAP SYS1      USE        NONE      N     N     N     N     N     N
 ___  FTPSERVE SYS1      USE        NONE      N     N     N     N     N     N
```

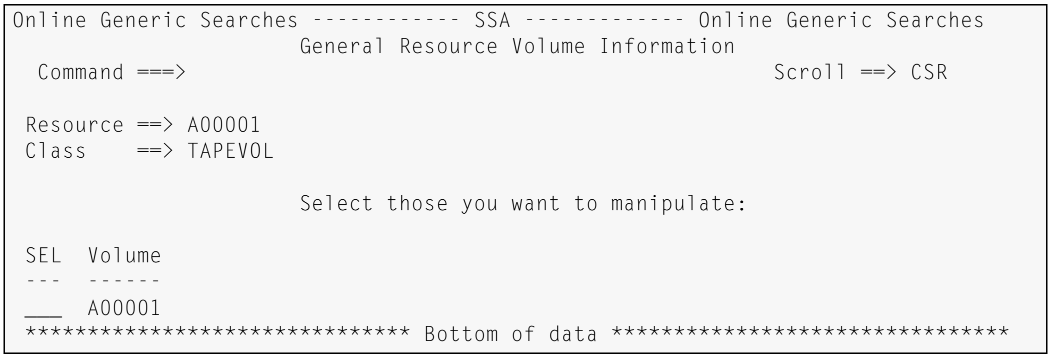
Available Sub-functions

If a selection is made from the table display the following sub-functions are available:

A)	Re-Issue (Modify) the Connect Profile
B)	Remove the Connect Profile
C)	Issue Connect Command For Another Userid
D)	Print Connect Information

Display Volume Information

Provides a listing of general resource TAPEVOL profile volume information in a highly organized manner.



```
Online Generic Searches ------------ SSA ------------- Online Generic Searches
                       General Resource Volume Information
  Command ===>                                              Scroll ==> CSR

 Resource ==> A00001
 Class    ==> TAPEVOL

                       Select those you want to manipulate:

 SEL  Volume
 ---  ------
 ___  A00001
 ******************************* Bottom of data ********************************
```

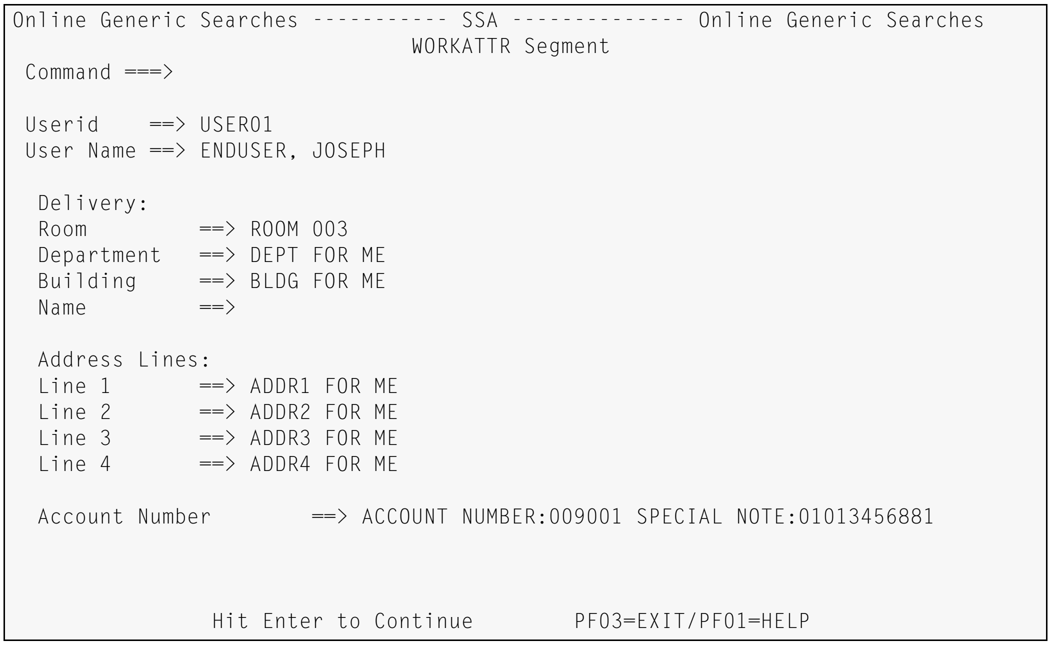
Available Sub-functions

If a selection is made from the table display the following sub-functions are available:

A)	Issue ADDVOL Command
B)	Issue DELVOL Command
C)	Print Volume Information

Display WORKATTR Segment

Provides a listing of WORKATTR Segment information in a highly organized manner.



```
Online Generic Searches ----------- SSA -------------- Online Generic Searches
                                WORKATTR Segment
 Command ===>

 Userid    ==> USER01
 User Name ==> ENDUSER, JOSEPH

  Delivery:
  Room         ==> ROOM 003
  Department   ==> DEPT FOR ME
  Building     ==> BLDG FOR ME
  Name         ==>

  Address Lines:
  Line 1       ==> ADDR1 FOR ME
  Line 2       ==> ADDR2 FOR ME
  Line 3       ==> ADDR3 FOR ME
  Line 4       ==> ADDR4 FOR ME

  Account Number        ==> ACCOUNT NUMBER:009001 SPECIAL NOTE:01013456881



                Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Various Mode: RACF Command Generation

The following table lists in alphabetical order the many Various Mode RACF Commands that may be generated.

Various Mode Option	Possible RACF Command Generated
Change the Managed Association	RACLINK
Change the Peer Association	RACLINK
Define New Association	RACLINK
Delete DATASET Profile	DELDSD
Delete Resource Profile	RDELETE
Edit Application Data	RALTER
Edit Installation Data	ALTUSER, ALTGROUP, ALTDSD, RALTER
Issue ADDMEM Command	RALTER
Issue CICS Segment Command	ALTUSER
Issue CLAUTH Command	ALTUSER
Issue Connect For Another Userid	CONNECT
Issue DCE Segment Command	RALTER
Issue DELMEM Command	RALTER
Issue DFP Segment Command	ALTUSER, RALTER
Issue LANGUAGE Segment Command	ALTUSER
Issue NETVIEW Segment Command	ALTUSER
Issue OMVS Segment Command	ALTUSER, ALTGROUP
Issue OPERPARM Segment Command	ALTUSER
Issue Permit Command	PERMIT
Issue Security Category Command	ALTUSER, ALTDSD, RALTER
Issue TSO Segment Command	ALTUSER
Issue WORKATTR Segment Command	ALTUSER
Model the Managed Association	RACLINK
Model the Peer Association	RACLINK
RACF LISTDSD	RACF Command
RACF LISTGROUP	RACF Command
RACF LISTUSER (Current Node Only)	RACF Command
RACF RLIST	RACF Command
Re-Issue (Modify) the Connect	CONNECT
Re-Issue the CLAUTH Authority	ALTUSER
Re-Issue the Permit	PERMIT
Re-Issue the Security Category Entry	RALTER
Rebuild CICS Segment	ALTUSER
Rebuild DCE Segment	RALTER
Rebuild DFP Segment	ALTUSER, RALTER

Rebuild DLF Segment	RALTER
Rebuild LANGUAGE Segment	ALTUSER
Rebuild NETVIEW Segment	ALTUSER
Rebuild OMVS Segment	ALTUSER
Rebuild OPERPARM Segment	ALTUSER
Rebuild STDATA Segment	RALTER
Rebuild SystemView Segment	RALTER
Rebuild TSO Segment	ALTUSER
Rebuild WORKATTR Segment	ALTUSER
Remove CICS Segment	ALTUSER
Remove DCE Segment	RALTER
Remove DFP Segment	ALTUSER, RALTER
Remove DLF Segment	RALTER
Remove LANGUAGE Segment	ALTUSER
Remove NETVIEW Segment	ALTUSER
Remove OMVS Segment	ALTUSER
Remove OPERPARM Segment	ALTUSER
Remove Session Segment	RALTER
Remove STDATA Segment	RALTER
Remove SystemView Segment	RALTER
Remove the CLAUTH Authority	ALTUSER
Remove the Connect Profile	REMOVE
Remove the Permit	PERMIT
Remove the Security Category Entry	ALTUSER, RALTER
Remove TSO Segment	ALTUSER
Remove WORKATTR Segment	ALTUSER
Set/Remove Privileged Attribute	RALTER
Set/Remove Trace Attribute	RALTER
Set/Remove Trusted Attribute	RALTER
Undefine the Association	RACLINK

Various Mode: System Command Listings

The following table describes those various mode options that issue system or RACF commands to list data. A browse dataset panel is displayed. You have the option of printing out the listing after browsing.

Various Mode Option	Possible System Command Generated
List Catalog Entry (LISTC Command)	LISTC ENT(‘userid or group’)
Print List of Datasets Protected By Profile	LISTDSD ‘profile name’ DSNS NORACF

Various Mode: Pass to Functionality

The following table lists the various mode ‘pass to’ options available. Descriptions of the ‘pass to’ functions can be found in the manual sections noted. Please refer to the appropriate section in this manual for a full explanation of each option.

Various Mode Pass To Option	SSA Manual Section
Pass to Access Report	Reporting
Pass to Connect Administration	Connect Administration
Pass to Ownership Report	Reporting
Pass to Password Administration	Password Administration
Pass to Remove All References	Command Generation
Pass to Replicate DATASET	Command Generation
Pass to Replicate Group	Command Generation
Pass to Replicate Resource Class	Command Generation
Pass to Replicate Resource Profile	Command Generation
Pass to Replicate User	Command Generation
Pass to Transfer DATASET	Command Generation
Pass to Transfer Group	Command Generation
Pass to Transfer Notifications	Command Generation
Pass to Transfer Ownership	Command Generation
Pass to Transfer Resource Class	Command Generation
Pass to Transfer Resource Profile	Command Generation
Pass to Transfer UserID	Command Generation

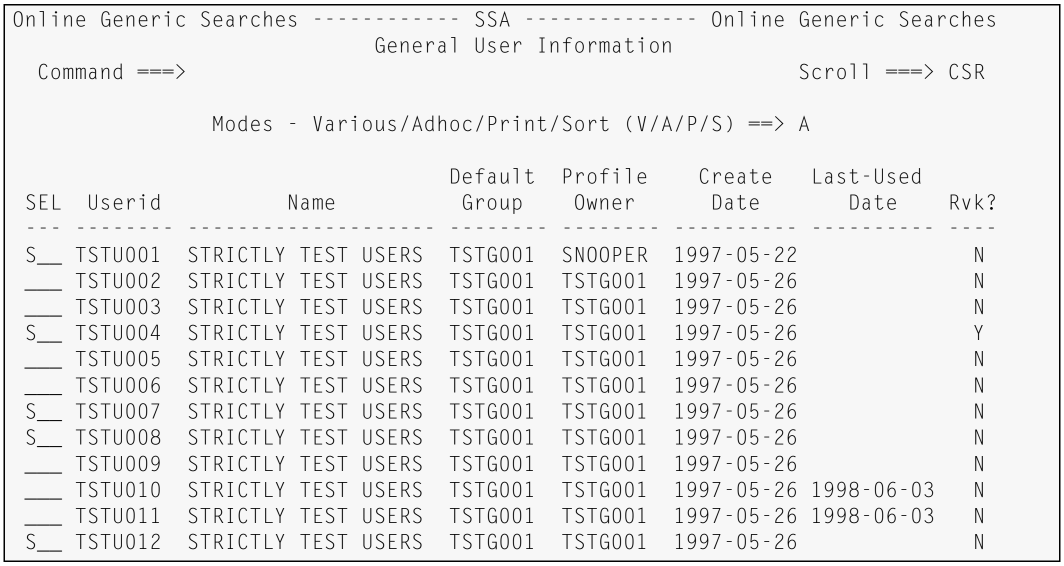
Adhoc Mode

Each generic search function has the capability of generating commands utilizing the information that is a result of your original search criteria. Each function has unique fields that can be used. Those fields or variable are listed on each ad-hoc command panel. Below is an example ad-hoc mode screen for the General User Information generic search. You may use all of the entries that met your search criteria, or you may select specific entries to include in the ad-hoc mode command generation.

To demonstrate the use of this powerful feature, consider the following scenario: You have to connect all users starting with TEST that have a default group that starts with TST to a new group called PRODCICS that you have just created.

1. Set the search criteria on the General User Information generic search initial screen:

```
Userid          ==> TEST*                   EQ
Default Group   ==> TST*                    EQ
```

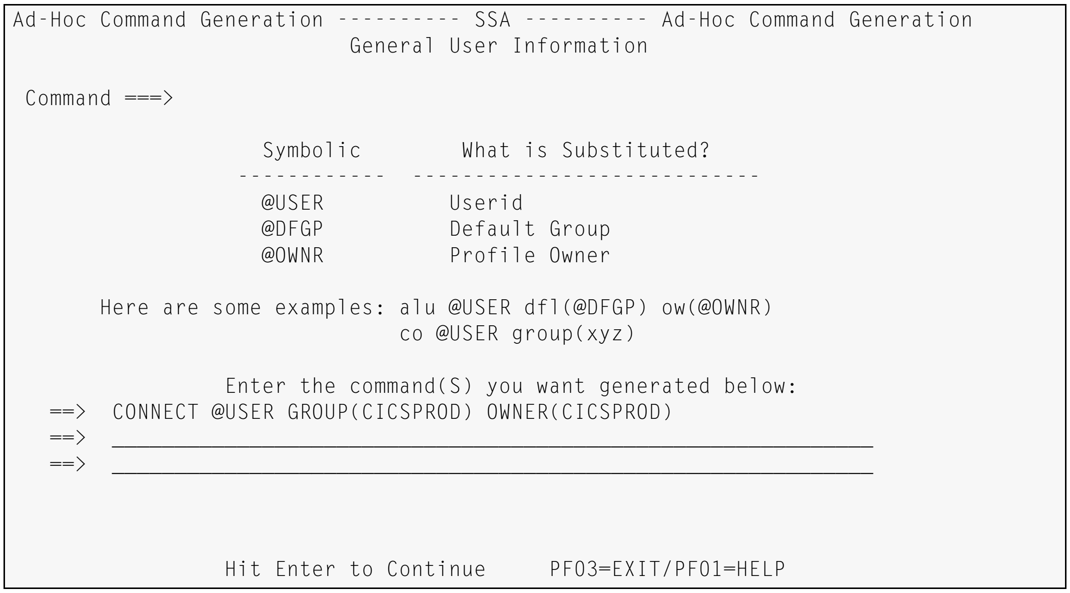


```
Online Generic Searches ----------- SSA ------------- Online Generic Searches
                            General User Information
  Command ===>                                                Scroll ===> CSR

                Modes - Various/Adhoc/Print/Sort (V/A/P/S) ==> A

                                      Default  Profile    Create    Last-Used
 SEL  Userid          Name             Group    Owner      Date       Date    Rvk?
 --- -------- ------------------- -------- -------- ---------- ---------- ----
 S__ TSTU001  STRICTLY TEST USERS  TSTG001  SNOOPER  1997-05-22              N
 ___ TSTU002  STRICTLY TEST USERS  TSTG001  TSTG001  1997-05-26              N
 ___ TSTU003  STRICTLY TEST USERS  TSTG001  TSTG001  1997-05-26              N
 S__ TSTU004  STRICTLY TEST USERS  TSTG001  TSTG001  1997-05-26              Y
 ___ TSTU005  STRICTLY TEST USERS  TSTG001  TSTG001  1997-05-26              N
 ___ TSTU006  STRICTLY TEST USERS  TSTG001  TSTG001  1997-05-26              N
 S__ TSTU007  STRICTLY TEST USERS  TSTG001  TSTG001  1997-05-26              N
 S__ TSTU008  STRICTLY TEST USERS  TSTG001  TSTG001  1997-05-26              N
 ___ TSTU009  STRICTLY TEST USERS  TSTG001  TSTG001  1997-05-26              N
 ___ TSTU010  STRICTLY TEST USERS  TSTG001  TSTG001  1997-05-26 1998-06-03   N
 ___ TSTU011  STRICTLY TEST USERS  TSTG001  TSTG001  1997-05-26 1998-06-03   N
 S__ TSTU012  STRICTLY TEST USERS  TSTG001  TSTG001  1997-05-26              N
```

2. As shown on the screen example, the search results screen is displayed. Change the Operational Mode to A for ad-hoc, and press ENTER.

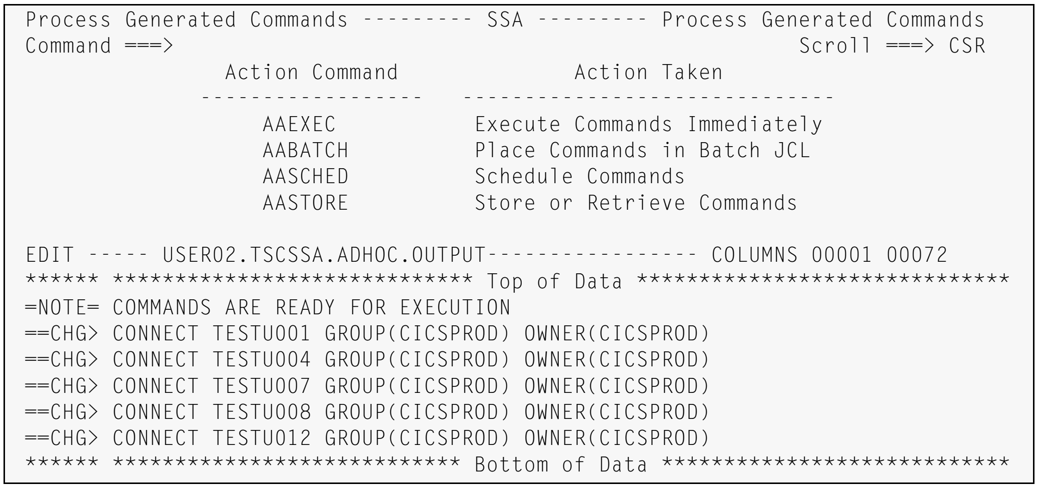
Note: You may have done a more general search and then used ‘select and scroll’ functionality to select only the specific entries to issue the ad-hoc commands for. In the sample screen on the previous page, there were only 5 entries selected for further processing. Please see the Global Conventions located at the beginning of this section for a description of ‘select and scroll’.

3. You will be presented with the screen below where you would enter the displayed command mask:



```
Ad-Hoc Command Generation ---------- SSA ---------- Ad-Hoc Command Generation
                           General User Information

 Command ===>

                   Symbolic        What is Substituted?
                 ------------  ----------------------------
                   @USER          Userid
                   @DFGP          Default Group
                   @OWNR          Profile Owner

       Here are some examples: alu @USER dfl(@DFGP) ow(@OWNR)
                               co @USER group(xyz)

                Enter the command(S) you want generated below:
   ==>  CONNECT @USER GROUP(CICSPROD) OWNER(CICSPROD)
   ==>  ______________________________________________________________
   ==>  ______________________________________________________________



                Hit Enter to Continue     PF03=EXIT/PF01=HELP
```

4. SSA then generates the commands, substituting the userids found in the search (or selected from the search results screen) into the command where the variable @USER is.



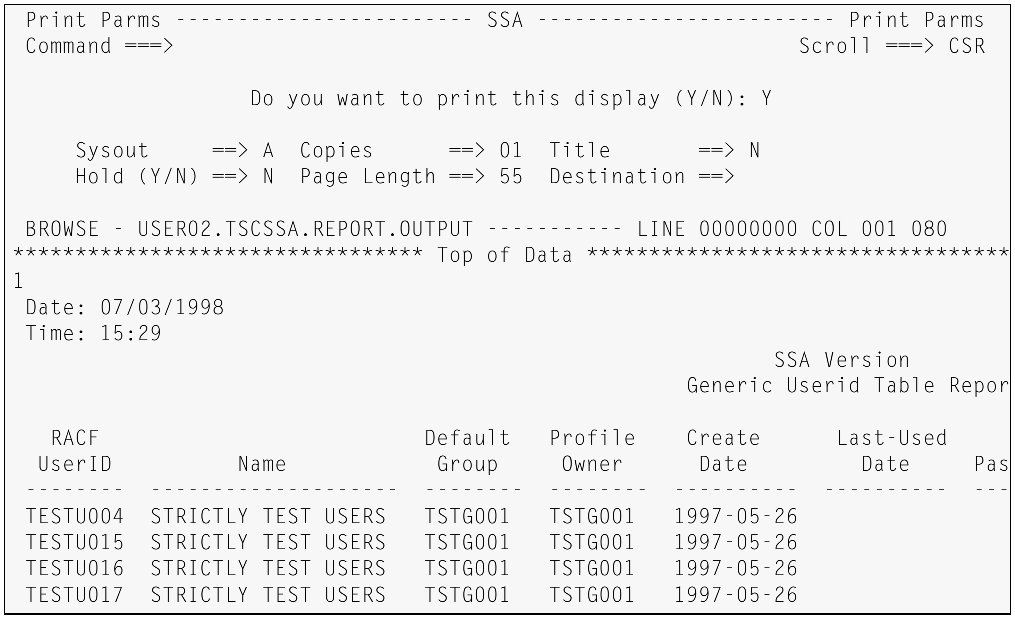
```
 Process Generated Commands --------- SSA --------- Process Generated Commands
 Command ===>                                                 Scroll ===> CSR
                Action Command              Action Taken
              ------------------   ------------------------------
                   AAEXEC           Execute Commands Immediately
                   AABATCH          Place Commands in Batch JCL
                   AASCHED          Schedule Commands
                   AASTORE          Store or Retrieve Commands

 EDIT ----- USER02.TSCSSA.ADHOC.OUTPUT----------------- COLUMNS 00001 00072
 ****** ***************************** Top of Data ******************************
 =NOTE= COMMANDS ARE READY FOR EXECUTION
 ==CHG> CONNECT TESTU001 GROUP(CICSPROD) OWNER(CICSPROD)
 ==CHG> CONNECT TESTU004 GROUP(CICSPROD) OWNER(CICSPROD)
 ==CHG> CONNECT TESTU007 GROUP(CICSPROD) OWNER(CICSPROD)
 ==CHG> CONNECT TESTU008 GROUP(CICSPROD) OWNER(CICSPROD)
 ==CHG> CONNECT TESTU012 GROUP(CICSPROD) OWNER(CICSPROD)
 ****** **************************** Bottom of Data ****************************
```

Print Mode

Each generic search function has the capability of printing a report that includes information that is a result of your original search criteria. You may use all of the entries that met your search criteria, or you may select specific entries to include in the report. If you select some entries to include in the report, then a note will be put into the report that indicates that not all entries that met the search criteria were included in the report.

To use the print mode:

1. Select specific entries if you do not want all entries (default) to be included in the report.
2. Set the Operational Mode to P for Print and press ENTER.
3. Your report will be generated and displayed on the screen. You may then choose to send the output to a specified SYSOUT class, and by setting the ‘send report output’ to Y.



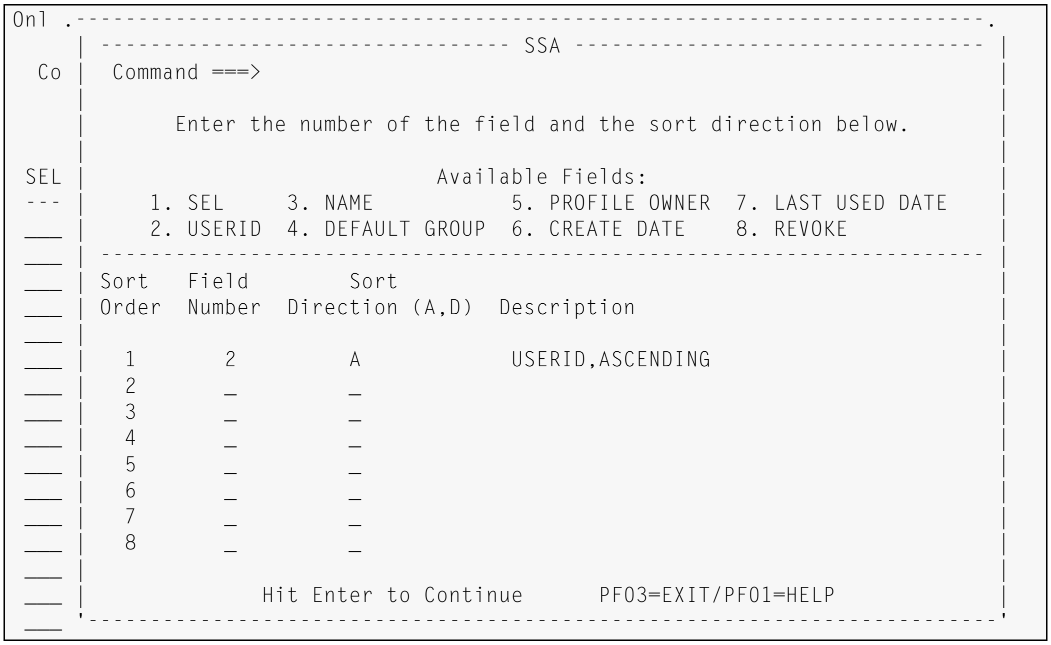
```
 Print Parms ----------------------- SSA ----------------------- Print Parms
 Command ===>                                                 Scroll ===> CSR

                  Do you want to print this display (Y/N): Y

     Sysout     ==> A  Copies      ==> 01  Title       ==> N
     Hold (Y/N) ==> N  Page Length ==> 55  Destination ==>

 BROWSE - USER02.TSCSSA.REPORT.OUTPUT ---------- LINE 00000000 COL 001 080
******************************** Top of Data ********************************
1
 Date: 07/03/1998
 Time: 15:29
                                                             SSA Version
                                                      Generic Userid Table Repor

   RACF                          Default   Profile    Create      Last-Used
  UserID          Name            Group     Owner      Date         Date     Pas
 --------  --------------------  --------  --------  ----------  ----------  ---
 TESTU004  STRICTLY TEST USERS   TSTG001   TSTG001   1997-05-26
 TESTU015  STRICTLY TEST USERS   TSTG001   TSTG001   1997-05-26
 TESTU016  STRICTLY TEST USERS   TSTG001   TSTG001   1997-05-26
 TESTU017  STRICTLY TEST USERS   TSTG001   TSTG001   1997-05-26
```

Sort Mode Usage

Each generic search function has the capability of sorting the display in a order of your own choosing. You may sort on multiple fields in different sort sequences. For example, you may sort on the Name field, in ascending order, and the Default Group, in descending order at the same time. You may even sort on any selections that you made, to move them all up towards the top of the display.

To use the sort mode:

1. Set the Operational Mode to S for Sort and press ENTER.
2. The sort pop-up panel appropriate for the information you have searched on is displayed. Choose the field(s) and order(s) to sort on. If you space out an existing Sort Field Number then that field will not be included, and will be removed upon pressing the ENTER key.



```
Onl .------------------------------------------------------------------------.
     | -------------------------------- SSA -------------------------------- |
 Co  |  Command ===>                                                          |
     |                                                                        |
     |      Enter the number of the field and the sort direction below.      |
     |                                                                        |
SEL  |                         Available Fields:                              |
---  |    1. SEL     3. NAME           5. PROFILE OWNER  7. LAST USED DATE    |
___  |    2. USERID  4. DEFAULT GROUP  6. CREATE DATE    8. REVOKE            |
___  | ---------------------------------------------------------------------- |
___  | Sort   Field        Sort                                               |
___  | Order  Number  Direction (A,D)  Description                            |
___  |                                                                        |
___  |   1       2         A            USERID,ASCENDING                      |
___  |   2       _         _                                                  |
___  |   3       _         _                                                  |
___  |   4       _         _                                                  |
___  |   5       _         _                                                  |
___  |   6       _         _                                                  |
___  |   7       _         _                                                  |
___  |   8       _         _                                                  |
___  |                                                                        |
___  |             Hit Enter to Continue      PF03=EXIT/PF01=HELP             |
___  '------------------------------------------------------------------------'
```

The above will sort any selected entries to the top of the display (an ‘S’ is located after a ‘<blank>’ character in the IBM EBCDIC code page), and then sort by the name field in ascending order.

Adhoc Report Generation

SSA version 1.3 now has the ability to not only run Online Generic Searches in batch but also the ability to create an adhoc report which uses a format you design. This part of the manual will describe in detail:

- How to specify the generic search criteria and masks.
- How to specify the control cards for general formatting of the report.
- How to build an adhoc report mask to create a unique report layout of your choosing.

How to Specify Generic Search Criteria

Although the Online Generic Search panels will build the search criteria and control cards for you, it is important to understand how to construct the control cards from scratch, or at the least be able to interpret what the control cards mean in a particular job run.

The generic search control cards use the ISPF table name assigned to the particular field in the information you are reporting on. The ISPF tables are fully documented in Appendix B including special details concerning the Adhoc Report Generation process in relation to the variable names and their substitution mask values. For example, the General Userid Information Generic Search uses ISPF table AATBLE01. The userid field is labeled AAUSER. Therefore, to indicate a search criteria for the user field you would build a control card with the field label, an equal sign ('=') and the mask you want that field subjected to. If you are using standard searching, you can also set the condition for the mask. For example, you may want to set the condition to 'Not Equal'. Thus, you would build a control card with the field label, an underscore ('_'), the keyword 'COND', and equal sign ('=') and the two letter condition. Below is an example for the userid field in the general userid information search:

Standard Search Control Card Sample:

```
AASYSIN        DD  *
AAUSER=X*      Indicates every userid that starts with X
AAUSER_COND=NE Indicates a Not Equal condition
```

Extended Search Control Card Sample:

```
AASYSIN DD  *
AAUSER=%%X%%%%   Indicates every userid that is seven characters long
                 and has a X in position three
```

The following rules apply to the search control cards:

- All control cards must start in column one or they will be marked as invalid cards and ignored.
- The mask specified can only be as long as the variable in question. For example, the userid field AAUSER in the ISPF table AATBLE01 is a maximum of eight characters, therefore, the maximum the mask can be is eight characters.
- The mask can be an explicit value.
- Standard masking is a left to right match that only uses the asterisk ('*') at the end of the input.

- Extended masking can use a percent sign ('%') for individual character masking and an asterisk as an end of string mask. See the search details in the global conventions part of this section for more details.
- Extended masking always uses an equal condition.
- If you specify more than one mask for the same field, the last in order will be used.
- Extended masking only applies to fields that are 3 characters or longer. Fields that have set value lists like the UACC on dataset profiles (i.e., NONE, READ, etc.), can only use explicit standard searches.
- Search criteria cards are entered under DD AASYSIN.

How to Build an Adhoc Report Mask

When you run the Online Generic Searches in batch, you have the choice of using the default report layout or building an adhoc report mask. Building an adhoc report mask only requires three pieces of information: 1) What do you want the report to look like, 2) Which generic search will generate the information required and 3) How to input the mask/design. The first piece is up to you. You must spend a little bit of time designing the layout and titles of your report. The second piece requires you to choose which of the 28 search categories best fits your information needs. Once you have chosen the category, you must construct the adhoc report mask to create the report you originally designed.

Adhoc report masks use literal substitution. That means that if you have an eight character field like a userid, you must enter the mask value that not only tells SSA what to put in that position but also reserves that space. For example, let's say you wanted to generate a simple report of userid, name and default group. Below is an example of what the mask might look like and the substituted results:

Adhoc Report Mask Sample:

```
    RACF                                            Default
   Userid                   Name                    Group
-----------      --------------------              -----------
aauser           aausname                          aausdflg
```

Substitution Results Sample:

```
    RACF                                            Default
   Userid                   Name                    Group
------------     --------------------              -----------
USERBOB1         SMITH, ROBERT                     SYS1
```

Important Rules:

- See Appendix B for details on what mask value to specify for substituting the field you want.
- If a mask is shorter than the actual value that is going to be substituted (i.e., AAUSER is only six characters and the RACF userid field is eight characters) you must leave a sufficient amount of spaces to 'pad' the mask. In the case of the mask variable AAUSER, you must specify two spaces after the mask to allow for eight character substitution.
- The masks must be either all uppercase or all lowercase. If you mix cases, the mask will be ignored.

- You can specify as many masks per input line as you want as long as you allow for the proper amount of 'padding'.

Adhoc Report Control Cards

When running an Online Generic Search in batch you can control the format and processing. Below is a complete list of the control cards categorized under the DDNAME which they must reside. Keep in mind that all control cards are optional; if none are specified the program will produce a standard report with no masking and sequenced in the order the table was originally sorted when originally stored.

DDNAME=AACTLCDS

SEARCH=EXTENDED
This indicates that any search criteria you enter is to use the extended search feature. The default is standard search.

NOTITLE This indicates you do not want titles printed on this report. The default is set to use titles.

SUMMARY This indicates you want a summary produced which includes totals and the masking used to produce the report. The default is no summary.

OVRTITLE= Enter up to 40 characters you want SSA to use to override the high level title on the report. The default value is a description of the Online Generic Search report being run.

COMPANY= Enter up to 40 characters you want SSA to use to override the company information used on the report. The default is SSA and the version of SSA.

TTL1A= & TTL1B= TTL1A and TTL1B are put together to form the first title line of the report. Each entry can take up to 66 characters and is used for the entire 66 character section. Therefore, if you put a small value in TTL1A, the remainder up to 66 characters will be padded with spaces and then the text in TTL1B will be tacked on for the remaining 66 characters.

TTL2A= & TTL2B= See explanation for TTL1A & TTL1B. Keep in mind that 2A and 2B makeup the second title line.

TTL3A= & TTL3B= See explanation for TTL1A & TTL1B. Keep in mind that 3A and 3B makeup the third title line.

TTL4A= & TTL4B= See explanation for TTL1A & TTL1B. Keep in mind that 4A and 4B makeup the fourth title line.

INP1A= & INP1B= INP1A and INP1B are put together to form the first adhoc report mask line of the report. Each entry can take up to 66 characters and is used for the entire 66 character section. Therefore, if you put a small value in INP1A, the remainder up to 66 characters will be padded with spaces and then the mask in INP1B will be tacked on for the remaining 66 characters.

INP2A= & INP2B= See explanation for INP1A & INP1B. Keep in mind that 2A and 2B makeup the second adhoc report mask line.

INP3A= & INP3B=   See explanation for INP1A & INP1B. Keep in mind that 3A and 3B makeup the third adhoc report mask line.

INPUT4A= & INPUT4B=

See explanation for INP1A & INP1B. Keep in mind that 4A and 4B makeup the fourth adhoc report mask line.

INP5A= & INP5B=   See explanation for INP1A & INP1B. Keep in mind that 5A and 5B makeup the fifth adhoc report mask line.

SORT1=   Indicate the sorting you want performed on the information you are reporting on. If no sorting is specified, the table used is sorted in the order the table was originally sorted when originally stored. SSA uses ISPF sorting and the sort card specification on the control card uses the same syntax. Below are the syntax instructions for ISPF sorting.

ISPF Sort Syntax Instructions

When building an ISPF sort instruction you must supply the field name, the format of the field and the direction that particular field should be sorted.

Field Name: The field name must be retrieved from the ISPF table that is supplying the generic search you are using (See Appendix B for details).

Field Format: The format of the field can be:

```
C = Character
N = Numeric
B = Binary
```

Note: SSA always uses Character.

Direction: The sort direction can be:

A = Ascending

B = Descending

An example of a correct sort control card is:

```
SORT1=AAUSER,C,A
```

This control card indicates that you want the table sorted on field AAUSER which is character based and in ascending order. If you wanted to sort on a secondary field you would simply add the information for that field on to the end of the card as shown below:

```
SORT1=AAUSER,C,A,AAUSNAME,C,D
```

This card indicates you want the table sorted on field AAUSER which is character based first in ascending order then you want the table sorted by field AAUSNAME which is character based in descending order.

Note: You have two sort input cards available. SORT1 is the first part of the sort sequence and allows for a string up to 66 characters. If your sort sequence is longer than that, you can use the SORT2 control card for another 66 characters.   SORT1 and SORT2 are strung together to makeup the total sort control card.

LINES-PER-PAGE=*nn*

Indicate the number of lines per page you want the report paginated into. The value must be from 11 to 99. The default is 55.

EXPAND-GROUPS

Indicates that you want to expand the users in groups. This control card is only applicable to Dataset and Resource permit searches. Also, this control card cannot be used with the Adhoc Report process. It only applies to the standard report for permits.

DDNAME=SYSTSIN

DD SYSTSIN must include the ISPF start statement for the appropriate reporting program. Below is an example of the proper ISPF invocation of the report program for General User Information Generic Search:

Generic Search Report Program Invocation Sample:

```
//SYSTSIN   DD  *
ISPSTART PGM(AAGSRU01)
//*
```

Below is a table showing the reporting program name used by each generic search category and the ISPF table used:

Online Generic Search Option	Report Program Name	SSA ISPF Table Used
General Userid	AAGSRU01	AATBLE01
Userid TSO Segment	AAGSRU02	AATBLE05
Userid CICS Segment	AAGSRU03	AATBLE07
Userid DFP Segment	AAGSRU04	AATBLE08
Userid Language Segment	AAGSRU05	AATBLE09
Userid OPERPARM Segment	AAGSRU06	AATBLE10
Userid WORKATTR Segment	AAGSRU07	AATBLE29
Userid NETVIEW Segment	AAGSRU08	AATBLE30
Userid OMVS Segment	AAGSRU09	AATBLE11
Userid DCE Segment	AAGSRU10	AATBLE33
RRSF Associations	AAGSRU11	AATBLE34
Connects	AAGSRU12	AATBLE12
CLAUTH Authorities	AAGSRU13	AATBLE04
Userid Security Categories	AAGSRU14	AATBLE03
General Group	AAGSRG01	AATBLE13
Group DFP Segment	AAGSRG02	AATBLE15
Group OMVS Segment	AAGSRG03	AATBLE02
General Dataset	AAGSRD01	AATBLE17
Dataset Permissions	AAGSRD02	AATBLE20
Dataset Security Categories	AAGSRD03	AATBLE27
General Resource	AAGSRR01	AATBLE22
General Resource Permissions	AAGSRR02	AATBLE26
General Resource Members	AAGSRR03	AATBLE25
General Resource Session Segment	AAGSRR04	AATBLE18

General Resource DLFDATA Segment	AAGSRR05	AATBLE21
General Resource STDATA Segment	AAGSRR06	AATBLE24
General Resource SystemView Segment	AAGSRR07	AATBLE35
General Resource Security Categories	AAGSRR08	AATBLE16

Chapter 5 Command Generation

A common concern of RACF administrators is the time spent on repetitive tasks to maintain an established database. Security administrators need tools that allow them to define large numbers of similar groups, userids, and other profiles. SSA provides the ability to replicate profiles or remove all references to profiles to reduce repetitive, 'data entry-like' tasks.

It is important to understand how SSA creates the commands and what functions are available.

- SSA creates all the commands for your review and eventual submission. SSA does not submit any generated commands unless requested.
- SSA uses information stored in the SSA ISPF tables. This information is only as valid and complete as the last time the ISPF tables were updated. The exception is the CHECK option, which does a live check of the RACF database to see if the new profile exists before building the commands.
- You must validate all generated commands. It is your responsibility to ensure the accuracy of your commands and those you choose to submit.
- SSA can use any old copies of the version 1.x ISPF tables to build commands from. You can also use the RACF utility IRRDBU00 to process 'old' copies of your RACF database and use all the SSA features based on that information.
- SSA does not use RACF modeling commands. SSA creates all the commands necessary to recreate a profile without having to rely on the original profile actually existing in your database. Therefore, you won't see an RDEFINE FROM command, but rather an RDEFINE and any other subsequent commands necessary to recreate the original profile from scratch.

Command Generation Global Conventions

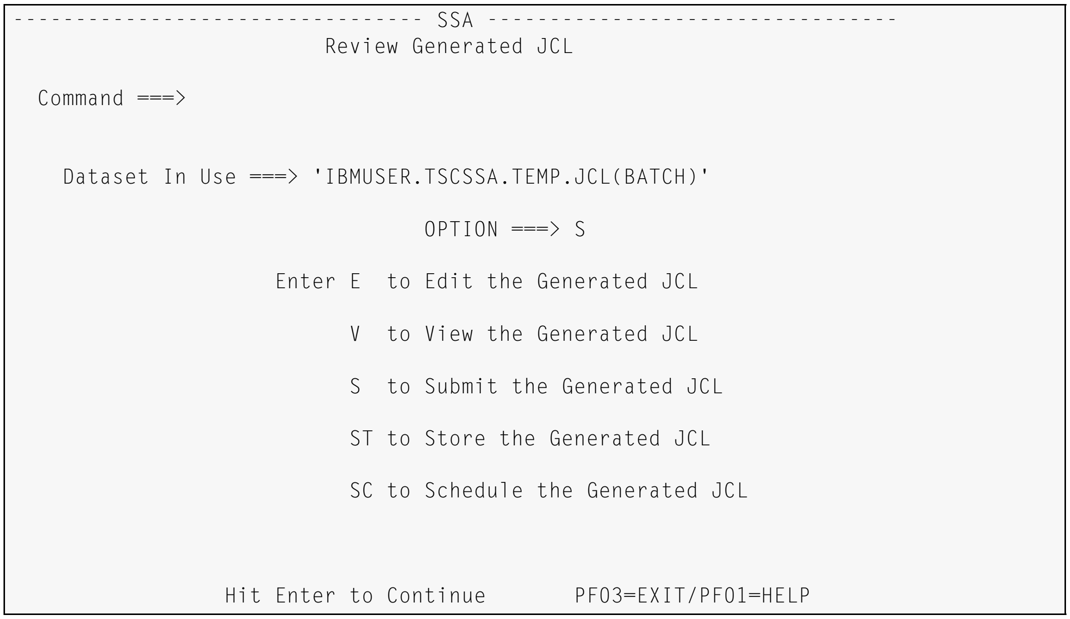
Through-out the SSA product and manual there are several "global" conventions that occur. For the Command Generation section the following conventions apply.

Security: All SSA command generation features are protected at both the screen dialog level and at the command generation level. The default RACF general resource class is MAA$RULE and READ is the required access level. Below is a list of the command generation options and the default security profiles that a user must have access to in order to execute the option. Refer to “Chapter 10 Configuration” on page 513 about changing the default protecting class or profiles if you want to change them.

Command Generation Option	RACF Profile
Replicate Userid Profiles	MEGASOLVE-SSA.REPLICATE.USERID
Replicate Group Profiles	MEGASOLVE-SSA.REPLICATE.GROUP
Replicate Dataset Profiles	MEGASOLVE-SSA.REPLICATE.DSNPROF
Replicate General Resource Profiles	MEGASOLVE-SSA.REPLICATE.RSCPROF
Replicate General Resource Classes	MEGASOLVE-SSA.REPLICATE.RSCCLAS
Transfer Userid Profiles	MEGASOLVE-SSA.TRANSFER.USERID
Transfer Group Profiles	MEGASOLVE-SSA.TRANSFER.GROUP
Transfer Dataset Profiles	MEGASOLVE-SSA.TRANSFER.DSNPROF
Transfer General Resource Profiles	MEGASOLVE-SSA.TRANSFER.RSCPROF
Transfer General Resource Classes	MEGASOLVE-SSA.TRANSFER.RSCCLAS
Transfer Ownership	MEGASOLVE-SSA.TRANSFER.OWNER
Transfer Notifies	MEGASOLVE-SSA.TRANSFER.NOTIFY
Remove All References to a Userid	MEGASOLVE-SSA.REMOVE.USERID
Remove All References to a Group	MEGASOLVE-SSA.REMOVE.GROUP
Remove Obsolete Entries	MEGASOLVE-SSA.REMOVE.OBSOLETE

Batch, Online, or SCHEDULE Operational Modes

BATCH mode processing generates the necessary JCL to create the SSA commands you requested. SSA then displays the Review Generated JCL screen as shown below.



```
-------------------------------- SSA --------------------------------
                         Review Generated JCL

  Command ===>


    Dataset In Use ===> 'IBMUSER.TSCSSA.TEMP.JCL(BATCH)'

                                 OPTION ===> S

                     Enter E  to Edit the Generated JCL

                           V  to View the Generated JCL

                           S  to Submit the Generated JCL

                           ST to Store the Generated JCL

                           SC to Schedule the Generated JCL



                 Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

E Select E if you want to be placed in an EDIT session.

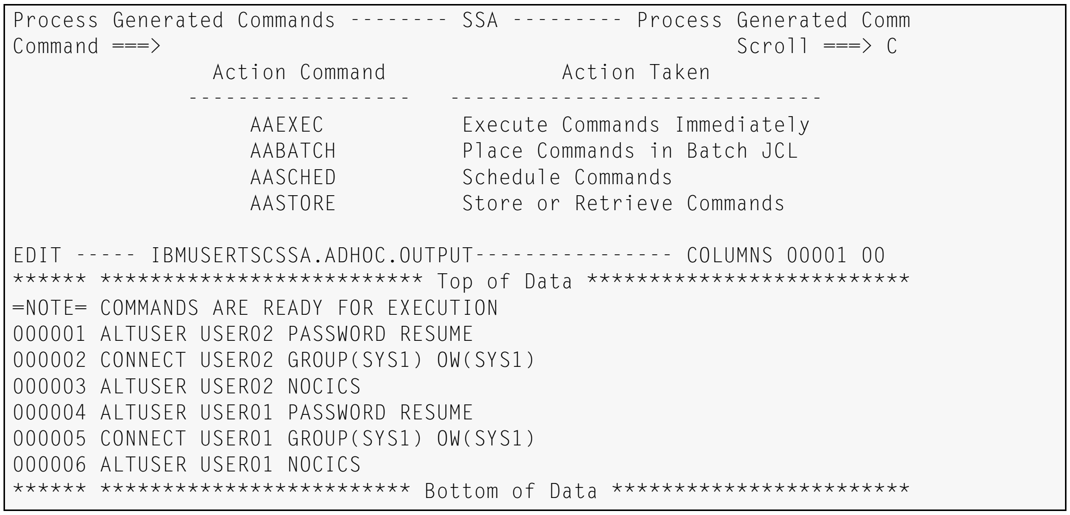
V Select V if you want to be placed in a VIEW session.

S Select S if you want to submit the generated JCL.

ST Select ST if you want to store the generated JCL in the SSA storage facility.

SC Select SC if you want to schedule the generated JCL via The SCHEDULER. See The SCHEDULER section for details on scheduling.

ONLINE mode processing creates the commands automatically based upon your entries and selections and places you in an EDIT session labeled Process Generated Commands, as shown below.



```
Process Generated Commands -------- SSA --------- Process Generated Comm
Command ===>                                              Scroll ===> C
                Action Command              Action Taken
              ------------------   -----------------------------
                   AAEXEC           Execute Commands Immediately
                   AABATCH          Place Commands in Batch JCL
                   AASCHED          Schedule Commands
                   AASTORE          Store or Retrieve Commands

EDIT ----- IBMUSERTSCSSA.ADHOC.OUTPUT---------------- COLUMNS 00001 00
****** ************************** Top of Data **************************
=NOTE= COMMANDS ARE READY FOR EXECUTION
000001 ALTUSER USER02 PASSWORD RESUME
000002 CONNECT USER02 GROUP(SYS1) OW(SYS1)
000003 ALTUSER USER02 NOCICS
000004 ALTUSER USER01 PASSWORD RESUME
000005 CONNECT USER01 GROUP(SYS1) OW(SYS1)
000006 ALTUSER USER01 NOCICS
****** ************************* Bottom of Data ************************
```

To process the generated commands execute the listed Action Commands by typing the command on the command line.

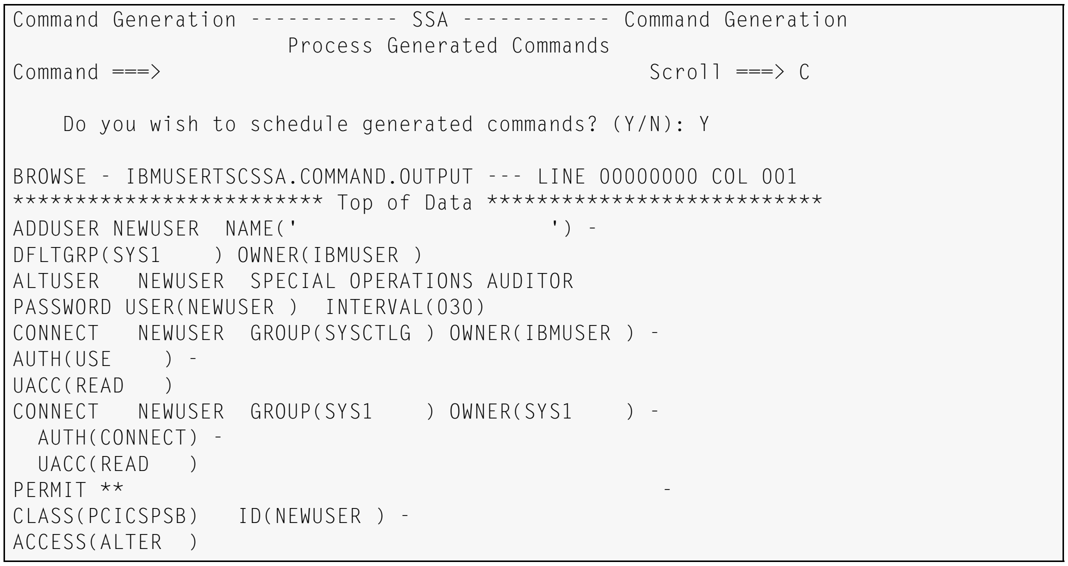
AAEXEC The generated commands are executed immediately. The commands appear on the screen as they are executed.

AABATCH Encapsulates your commands in an IKJEFT01 step. Use the TSO SUBMIT command to run the job.

AASCHED Interfaces with SSA’s The SCHEDULER to schedule the generated commands to be run on a specific date and time.

AASTORE Allows storage and retrieval of (previously stored), generated commands.

SCHEDULE mode processing creates the commands automatically based upon your entries and selections and places you in an BROWSE session labeled Process Generated Commands, as shown below. From this screen, you can choose whether or not you want to schedule the commands. Your access to enter an item into the SCHEDULER will be verfied before command generation is performed. Refer to “Chapter 6 The SCHEDULER” on page 255 for information about scheduling items.



```
Command Generation ------------ SSA ------------ Command Generation
                      Process Generated Commands
Command ===>                                       Scroll ===> C

    Do you wish to schedule generated commands? (Y/N): Y

BROWSE - IBMUSERTSCSSA.COMMAND.OUTPUT --- LINE 00000000 COL 001
************************* Top of Data ***************************
ADDUSER NEWUSER  NAME('                    ') -
DFLTGRP(SYS1    ) OWNER(IBMUSER )
ALTUSER   NEWUSER  SPECIAL OPERATIONS AUDITOR
PASSWORD USER(NEWUSER )  INTERVAL(030)
CONNECT   NEWUSER  GROUP(SYSCTLG ) OWNER(IBMUSER ) -
AUTH(USE    ) -
UACC(READ   )
CONNECT   NEWUSER  GROUP(SYS1    ) OWNER(SYS1    ) -
  AUTH(CONNECT) -
  UACC(READ   )
PERMIT **                                         -
CLASS(PCICSPSB)   ID(NEWUSER ) -
ACCESS(ALTER  )
```

Command Generation JCL

All command generation options use the same JCL. Below is a sample of that JCL.

```
//*
//*
//**************************************************
//**                                              **
//**           SMART SECURITY ADMINISTRATOR       **
//**                VERSION 1.3.0                 **
//**                                              **
//** (C) 1999 UNICOM SYSTEMS,INC.                 **
//**             ALL RIGHTS RESERVED              **
//**************************************************
//*
//* JCL CREATED BY USER01
//* JCL CREATED ON 12/1/1999
//* JCL CREATED AT 14:37
//*
//* JOB FUNCTION: REPLICATE_USERID_PROFILES
//*
//STEP010  EXEC PGM=IKJEFT01,DYNAMNBR=30,TIME=1440,REGION=4096K
//SYSPROC  DD  DISP=SHR,
//             DSN=SSA.ISPCLIB
//ISPPROF  DD  DSN=&PROFILE,DISP=(,PASS),SPACE=(TRK,(1,1,1)),
//             DCB=(LRECL=80,BLKSIZE=6160,RECFM=FB),UNIT=SYSDA
//ISPPLIB  DD  DISP=SHR,
//             DSN=SSA.ISPPLIB
//ISPSLIB  DD  DISP=SHR,
//             DSN=SSA.ISPSLIB
//ISPMLIB  DD  DISP=SHR,
//             DSN=SYS1.SISPMENU
//         DD  DISP=SHR,
//             DSN=SSA.ISPMLIB
//ISPTLIB  DD  DISP=SHR,
//             DSN=SYS1.SISPTENU
//AADBTLIB DD  DISP=SHR,
//             DSN=SSA.RACFDATA.ISPTLIB
//STEPLIB  DD  DISP=SHR,
//             DSN=SSA.LOADLIB
//ISPCTL1  DD  DSN=&CNTL1,DISP=(,PASS),UNIT=SYSDA,
//             DCB=(LRECL=80,BLKSIZE=800,RECFM=FB),SPACE=(TRK,(5,5))
//ISPCTL2  DD  DSN=&CNTL2,DISP=(,PASS),UNIT=SYSDA,
//             DCB=(LRECL=80,BLKSIZE=800,RECFM=FB),SPACE=(TRK,(5,5))
//SYSTSPRT DD  SYSOUT=*,DCB=(BLKSIZE=19019,LRECL=133,RECFM=FBA)
//SYSPRINT DD  SYSOUT=*,DCB=(BLKSIZE=20000,LRECL=200,RECFM=FBA)
//ISPLOG   DD  SYSOUT=*,DCB=(BLKSIZE=129,LRECL=125,RECFM=VA)
//SYSOUT   DD  SYSOUT=*
//TEMPWK01 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//TEMPWK02 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//SORTWK01 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//AACMDOUT DD  DISP=SHR,
//             DSN=USER01.TSCSSA.COMMAND.OUTPUT
//SYSTSIN  DD  *
REPUSR IBMUSER NEWUSER NAME('KEN SMITH')
ISPSTART PGM(AAREPUSR)
//*
```

Below is a brief explanation of the JCL DDs and what they must reference:

SYSPROC	Must reference the SSA CLIST library
ISPPLIB	Must reference the SSA Panel library
ISPSLIB	Must reference the SSA Skeleton JCL library
ISPMLIB	Must reference the ISPF system message library and the SSA ISPF message library
ISPTLIB	Must reference the ISPF table library
AADBTLIB	Must reference the SSA RACF information table library
STEPLIB	Must reference the SSA APF authorized load library
AACMDOUT	This DD must reference an output dataset with the following DCBs: RECFM=FB,LRECL=133,DSORG=PS
SYSTSIN	This DD is where the SSA commands for activating command generation are entered.

Command Syntax Rules:

All replication, transfer or removal command generation processes have the following syntax rules for the operands that control that particular process:

- UPPERCASE LETTERS or WORDS must be coded as they appear in the syntax diagrams, but do not have to be uppercase.
- Lowercase letters or words represent variables for which you can supply a value.
- Parentheses ( ) must be entered exactly as they appear in the syntax diagram.
- An ellipsis ... (three consecutive periods) indicates that you can enter the preceding item more than once.
- A single item in brackets [ ] indicates that the enclosed item is optional. Do not specify the brackets in your command.
- Stacked items in brackets [ ] indicate that the enclosed items are optional. You can choose one or none. Do not specify the brackets in your command.
- Stacked items in braces { } indicate that the enclosed items are alternatives. You must specify one of the items. Do not specify the braces in your command.

  When you select a bracket that contains braces, you must specify one of the alternatives enclosed within the braces.
- Items separated by a vertical bar | indicate that you may specify only one of the items. Do not specify the vertical bar in your command.
- An underlined operand indicates the default value when no alternate value is specified.
- **BOLDFACE** or indicates information that must be given for a command.
- Single quotes ' ' indicate that information must be enclosed in single quotes.
- Stacked items in brackets [ ] and separated by a comma indicate that the enclosed items are optional and that you can choose more than one.

Initiating the Command Generation Process:

All command generators have two components to initiate command generation. The first component processes the choices you have selected/coded and the second initiates the command building process. The example below is for replicating a userid. The first component REPUSR reviews and stores your choices. The second component AAREPUSR initiates the building process.

Example for Replicating a Userid:

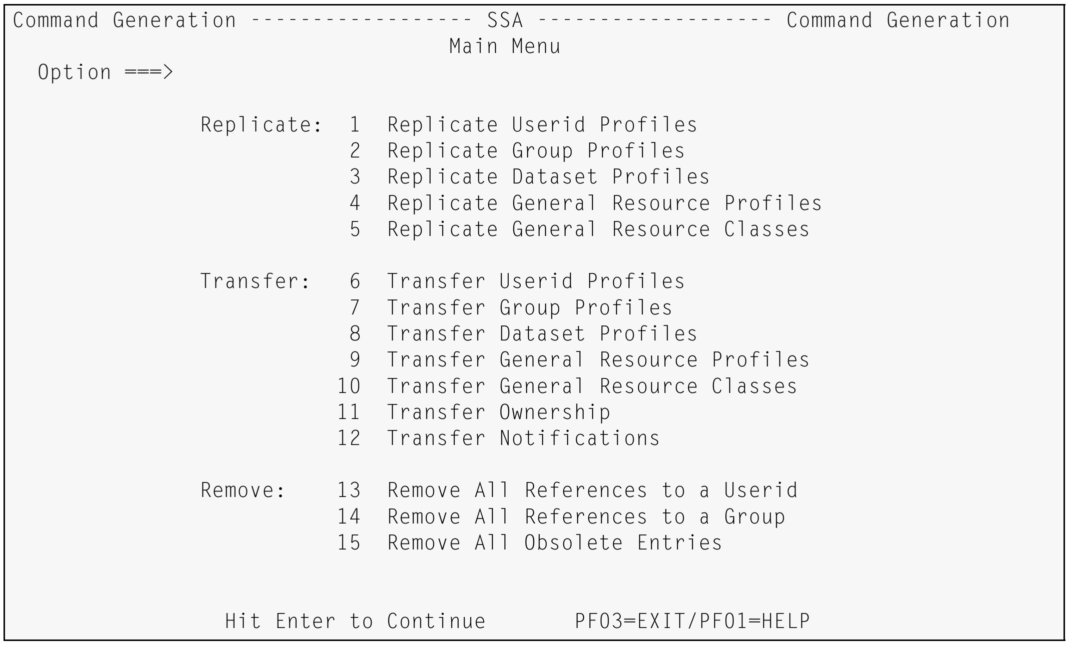
```
//SYSTSIN DD *
  REPUSR USERBOB USERKEN NAME(‘KEN SMITH’)
  ISPSTART PGM(AAREPUSR)
//*
```

The rules for the initiating components are:

- The command verifying component (control card program) must be before the command generation initiator component.
- The command verifying component can have parameters that span several lines but each line must not exceed column 70 and must be continued with a plus sign or dash.

Command Generation Main Menu

The Command generation Main Menu contains three goups of options for command replication, transfer, and removal.



```
Command Generation ----------------- SSA ------------------ Command Generation
                                   Main Menu
  Option ===>

               Replicate:  1  Replicate Userid Profiles
                           2  Replicate Group Profiles
                           3  Replicate Dataset Profiles
                           4  Replicate General Resource Profiles
                           5  Replicate General Resource Classes

               Transfer:   6  Transfer Userid Profiles
                           7  Transfer Group Profiles
                           8  Transfer Dataset Profiles
                           9  Transfer General Resource Profiles
                          10  Transfer General Resource Classes
                          11  Transfer Ownership
                          12  Transfer Notifications

               Remove:    13  Remove All References to a Userid
                          14  Remove All References to a Group
                          15  Remove All Obsolete Entries


                 Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

Replicate: Replication uses the ‘old’ entry as a model to build a new entry. It does not modify the ‘old’ entry; it only models it.

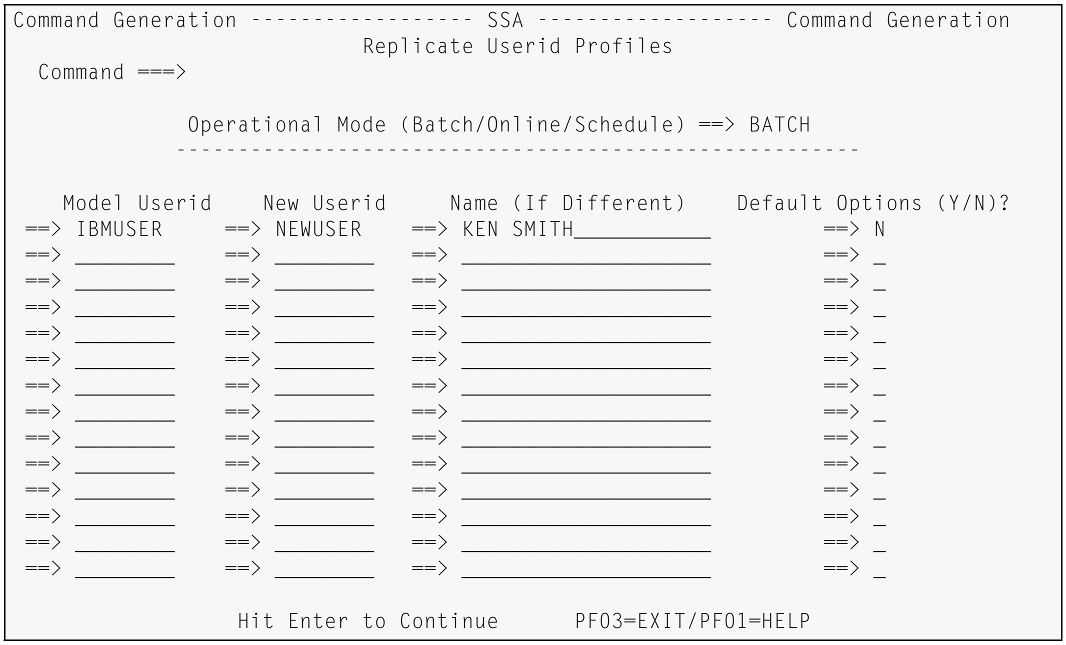
Transfer: The Transfer process removes the ‘old’ entry and builds a new entry to replace the ‘old’.

Remove: The Removal process removes all references to either a userid or group. The Removal of Obsolete Entries removes all entries in the database that qualify as obsolete. Usually an obsolete entry is noted as such when the entry doesn’t have a corresponding userid or group.

Note: Care should be taken when using the Transfer or Removal processes because they generate commands to delete RACF profiles and, if requested, physical datasets.

Replicate Userid Profiles

Replicate Userid Profiles creates, based upon your selection criteria, all the commands to replicate a userid.



```
Command Generation ------------------ SSA ------------------- Command Generation
                            Replicate Userid Profiles
  Command ===>

              Operational Mode (Batch/Online/Schedule) ==> BATCH
             -------------------------------------------------------

    Model Userid     New Userid      Name (If Different)     Default Options (Y/N)?
 ==> IBMUSER      ==> NEWUSER     ==> KEN SMITH____________           ==> N
 ==> ________     ==> ________    ==> ____________________           ==> _
 ==> ________     ==> ________    ==> ____________________           ==> _
 ==> ________     ==> ________    ==> ____________________           ==> _
 ==> ________     ==> ________    ==> ____________________           ==> _
 ==> ________     ==> ________    ==> ____________________           ==> _
 ==> ________     ==> ________    ==> ____________________           ==> _
 ==> ________     ==> ________    ==> ____________________           ==> _
 ==> ________     ==> ________    ==> ____________________           ==> _
 ==> ________     ==> ________    ==> ____________________           ==> _
 ==> ________     ==> ________    ==> ____________________           ==> _
 ==> ________     ==> ________    ==> ____________________           ==> _
 ==> ________     ==> ________    ==> ____________________           ==> _
 ==> ________     ==> ________    ==> ____________________           ==> _

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Model UserID — Specify the userid to be replicated. The model userid must be specified. The userid does not need to exist in RACF because the information used for command generation is retrieved from the SSA ISPF tables.

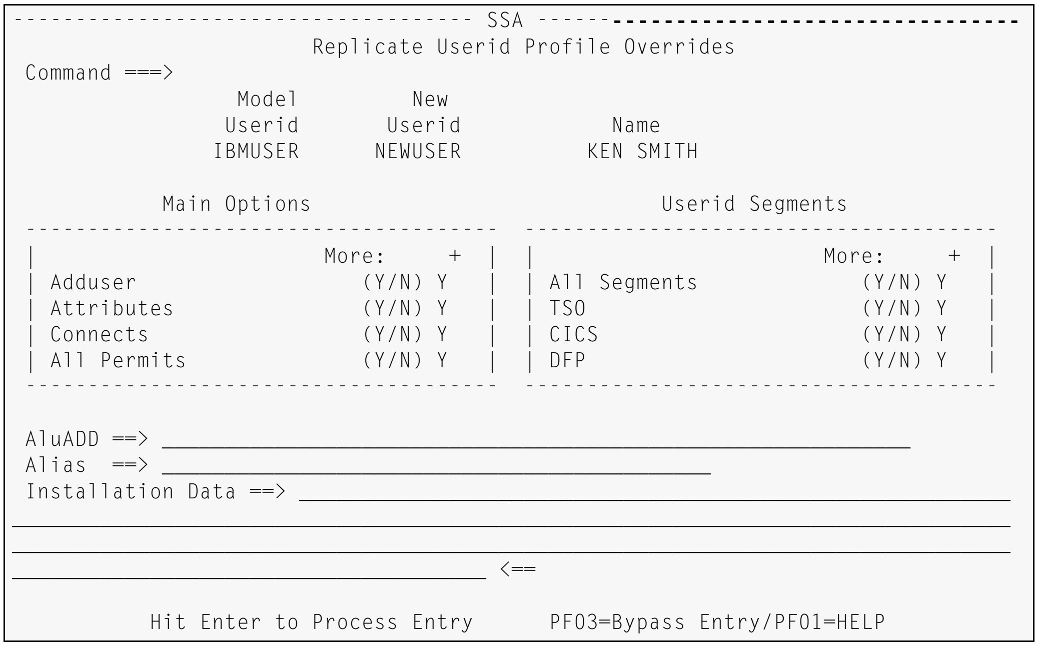
New UserID — Specify the userid that will be the recipient of the generated commands. The New Userid must be specified. The userids status in RACF is only dependant on the options you choose to replicate. If you choose to replicate the entire Model Userid then the New Userid should not exist. If you choose to replicate only a portion of the Model Userid, then the New Userid must exist for the commands to execute successfully.

Name — You can optionally override the name field of the model userid.

Default Options — Specify “Y” if you want all default options to remain or “N” if you wish to specify options on the override screen. Refer to page 200 for more details.

Replicate Userid Profile Overrides Options Screen

Replicate Userid Profiles creates all commands to replicate userid profiles based upon your selection criteria



```
----------------------------------- SSA ------------------------------------
                       Replicate Userid Profile Overrides
 Command ===>
                  Model        New
                 Userid       Userid           Name
                IBMUSER      NEWUSER          KEN SMITH

           Main Options                            Userid Segments
 -------------------------------------   -------------------------------------
 |                      More:     +  |   |                      More:     +  |
 | Adduser                 (Y/N) Y   |   | All Segments            (Y/N) Y   |
 | Attributes              (Y/N) Y   |   | TSO                     (Y/N) Y   |
 | Connects                (Y/N) Y   |   | CICS                    (Y/N) Y   |
 | All Permits             (Y/N) Y   |   | DFP                     (Y/N) Y   |
 -------------------------------------   -------------------------------------

 AluADD ==> ____________________________________________________________
 Alias  ==> ____________________________________________
 Installation Data ==> _________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
______________________________________ <==

           Hit Enter to Process Entry      PF03=Bypass Entry/PF01=HELP
```

If you chose to override the default settings for the replicate userid process, you will be presented with the override screen. Below is a brief explanation of those options. Options are in alphabetical order; not the order they appear on the screen.

Note: Be sure to use the scrolling boxes to display all override options available.

ADDUSER
: Indicate if you want an ADDUSER command to be generated for the New Userid. “Y” is the default.

Alias
: Specify the user catalog to be used in a define alias command. The catalog name can be up to 44 characters long and SSA will not check the existence of the catalog. The syntax of the command generated is:

```
DEFINE ALIAS(NAME(‘USERBOB’) -
 RELATE(‘USER.CATALOG’))
```

All Permits
: Indicate if you want all permits (dataset and general resource) of the Model Userid to be replicated. “Y” is the default. If you specify “N”, the choice will fall to the individual questions concerning dataset or general resource permits.

All Segments
: Indicate if you want all userid segments of the Model Userid to be replicated. “Y” is the default. If you specify “N”, the choice will fall to the questions concerning the individual segments.

ALUADD
: Enter up to 60 characters that will be added to an ALTUSER command that follows the initial ADDUSER command if you replicated the entire Model Userid. The data entered is the responsibility of the user and will not be validated by SSA.

At

Enter a RRSF destination that will be specified on each command generated using the AT parameter.

Attributes

Indicate if you want all global attributes on the Model Userid to be replicated. “Y” is the default.

Check

Indicate if you want the existence of the New Userid to be validated before generating commands. If it exists, no ADDUSER command will be generated, however, the remainder of the commands will be generated accordingly. “N” is the default.

CICS Segment

Indicate if you want the CICS segment of the Model Userid to be replicated. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

Connects

Indicate if you want all connect profiles on the Model Userid to be replicated. “Y” is the default.

Dataset Profiles

Indicate if you want all dataset profiles where the Model Userid is the HLQ to be replicated. The replication process will include all aspects of those dataset profiles including but not limited to permits, installation data, audit levels, etc. “Y” is the default. If you indicate “Y”, the Default Dataset Profiles flag will be turned off to deactivate default dataset profile creation.

DCE Segment

Indicate if you want the DCE segment of the Model Userid to be replicated. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

Default Dataset Profiles

Indicate if you want a default generic dataset profile created for the New Userid. “N” turns off default dataset profile creation, “G” activates the creation of a non-EGN default dataset profile (i.e., IBMUSER.*), and “E” activates the creation of a EGN default dataset profile (i.e., IBMUSER.**). “N” is the default.

Default Group

Enter a group to override the default group found on the Model Userid.

DFP Segment

Indicate if you want the DFP segment of the Model Userid to be replicated. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

DSN Permits

Indicate if you want all dataset permits of the Model Userid to be replicated. “Y” is the default which is duplicated by the “Y”, if specified, on All Permits.

Installation Data

Enter up to 255 characters to override the installation data found on the Model Userid.

Language Segment

Indicate if you want the LANGUAGE segment of the Model Userid to be replicated. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

NetView Segment

Indicate if you want the NETVIEW segment of the Model Userid to be replicated. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

OMVS Segment Indicate if you want the OMVS segment of the Model Userid to be replicated. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

OnlyAt Enter a RRSF destination that will be specified on each command generated using the ONLYAT parameter.

OPERPARM Segment
Indicate if you want the OPERPARM segment of the Model Userid to be replicated. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

Password Enter a password that be used to override the default password assigned by RACF when a new userid is added.

Profile Owner Enter a valid userid or group that will be used to override the replicated profile owner at the userid profile level on the Model Userid.

RSC Permits Indicate if you want all general resource permits of the Model Userid to be replicated. “Y” is the default which is duplicated by the “Y”, if specified, on All Permits.

Security Entries Indicate if you want all security labels, levels and categories of the Model Userid to be replicated. “Y” is the default.

TSO Segment Indicate if you want the TSO segment of the Model Userid to be replicated. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

WORKATTR Segment
Indicate if you want the WORKATTR segment of the Model Userid to be replicated. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

Command Generation Initiators

Request Parser:REPUSR

The complete syntax of the Command is:

REPUSR	**Model Userid**
	New Userid
	[ADU | NOADU]
	[ALIAS(catalog to add alias to)]
	[ALUADD('additions to ALU commands')]
	[AT(additions to commands for RRSF)]
	[ATTR | NOATTR]
	[CON | NOCON]
	[DATA('new installation data')]
	[DFL(new default group)]
	[DSN | NODSN]
	[NAME('override model name')]
	[NOCHECK | CHECK]
	[NOGEN | NOEGN | EGN]
	[ONLYAT(additions to commands for RRSF)]
	[OWN(new profile owner)]
	[PER ([ALL | NONE] [DSN, RSC])
	[PSW(new password)]
	[SEC | NOSEC]
	[SEG ([ALL | NONE] [TSO | NOTSO] [CICS | NOCICS] [DCE | NODCE] [DFP | NODFP] [LANGUAGE | NOLANGUAGE] [OPERPARM | NOOPERPARM] [WORKATTR | NOWORKATTR] [OMVS | NOOMVS] [NETVIEW | NONETVIEW])

Request Initiator:AAREPUSR

Execution Sample:

```
//SYSTSIN DD *
REPUSR USERBOB USERKEN NAME(‘KEN SMITH’)
ISPSTART PGM(AAREPUSR)
//*
```

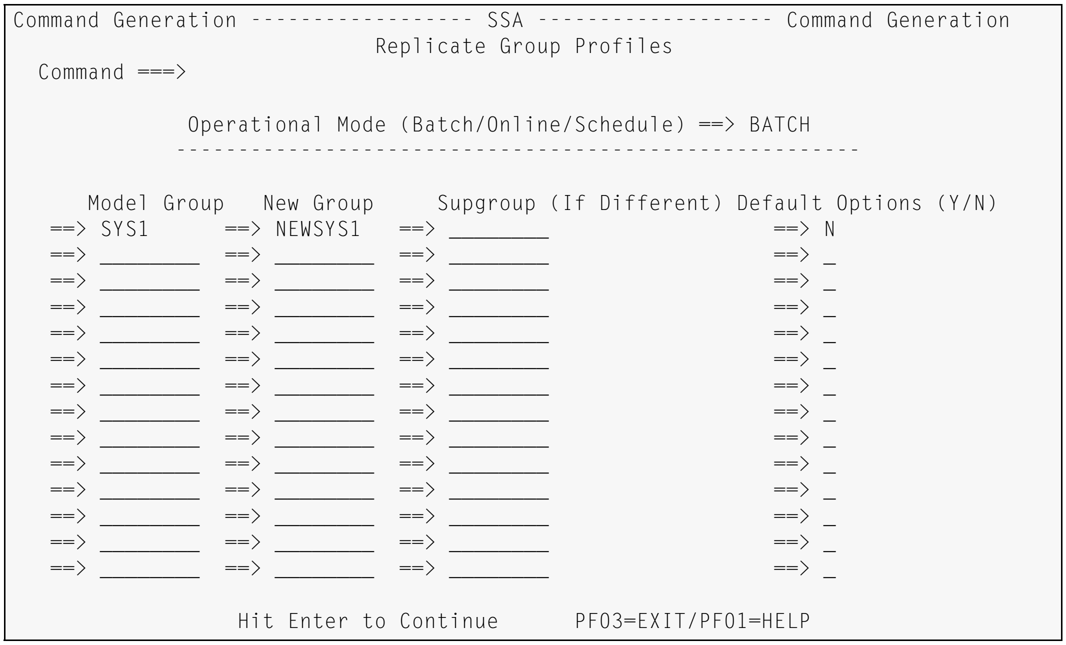
Replicate Userid Processing Notes:

Keep the following in mind when using the Replicate Userid function:

- If you enter both an AT and ONLYAT override only the AT will be processed.
- If a value of NONE on the KEY field of the OPERPARM segment is encountered it will be treated as no key.
- If a value of 00000 on the STORAGE field of the OPERPARM segment is encountered it will be treated as no storage although the RACF ALTUSER OPERPARM(.....) command creates this value as a default when storage is not specified.

Replicate Group Profiles

Replicate Group Profiles creates all commands to replicate a group based upon your selection criteria.



```
Command Generation ------------------ SSA ------------------- Command Generation
                             Replicate Group Profiles
  Command ===>

              Operational Mode (Batch/Online/Schedule) ==> BATCH
             -------------------------------------------------------


      Model Group   New Group     Supgroup (If Different) Default Options (Y/N)
   ==> SYS1      ==> NEWSYS1   ==> ________                  ==> N
   ==> ________  ==> ________  ==> ________                  ==> _
   ==> ________  ==> ________  ==> ________                  ==> _
   ==> ________  ==> ________  ==> ________                  ==> _
   ==> ________  ==> ________  ==> ________                  ==> _
   ==> ________  ==> ________  ==> ________                  ==> _
   ==> ________  ==> ________  ==> ________                  ==> _
   ==> ________  ==> ________  ==> ________                  ==> _
   ==> ________  ==> ________  ==> ________                  ==> _
   ==> ________  ==> ________  ==> ________                  ==> _
   ==> ________  ==> ________  ==> ________                  ==> _
   ==> ________  ==> ________  ==> ________                  ==> _
   ==> ________  ==> ________  ==> ________                  ==> _
   ==> ________  ==> ________  ==> ________                  ==> _

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

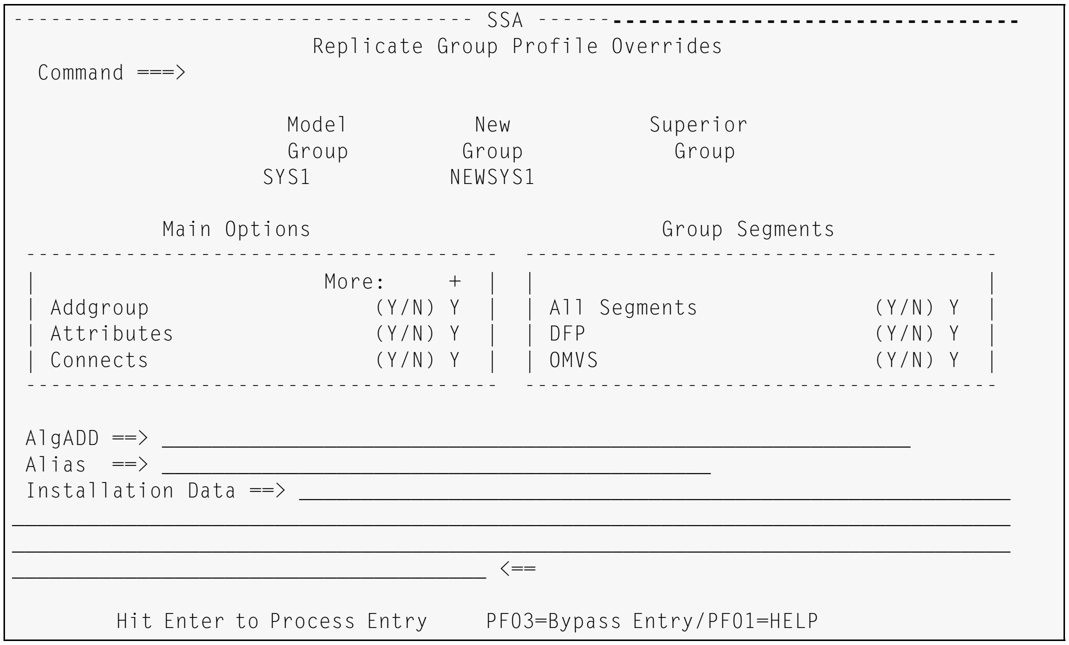
Model Group — Specify the group to be replicated. The Model Group must be specified. The group does not need to exist in RACF because the information used for command generation is retrieved from the SSA ISPF tables.

New Group — Specify the group that will be the recipient of the generated commands. The New Group must be specified. The groups status in RACF is only dependant on the options you choose to replicate. If you choose to replicate the entire Model Group then the New Group should not exist. If you choose to replicate only a portion of the Model Group, then the New Group must exist for the commands to execute successfully.

Supgroup — You can optionally override the superior group of the Model Group.

Default Options — Specify “Y” if you want all default options to remain or “N” if you wish to specify options on the override screen. Refer to page 206 for more information.

Replicate Group Profile Overrides Option Screen



```
------------------------------------ SSA -------------------------------
                      Replicate Group Profile Overrides
 Command ===>

                    Model          New          Superior
                    Group         Group           Group
                  SYS1          NEWSYS1

          Main Options                       Group Segments
 -------------------------------------  -------------------------------------
 |                       More:     +  |  |                                   |
 | Addgroup                  (Y/N) Y  |  | All Segments              (Y/N) Y  |
 | Attributes                (Y/N) Y  |  | DFP                       (Y/N) Y  |
 | Connects                  (Y/N) Y  |  | OMVS                      (Y/N) Y  |
 -------------------------------------  -------------------------------------

 AlgADD ==> ____________________________________________________________
 Alias  ==> ____________________________________________
 Installation Data ==> _________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
______________________________________ <==

        Hit Enter to Process Entry     PF03=Bypass Entry/PF01=HELP
```

If you chose to override the default settings for the replicate group process, you will be presented with the override screen. Below is a brief explanation of those options; options are in alphabetical order not the order they are displayed on the screen.

Note: Be sure to use the scrolling boxes to display all override options available.

Addgroup — Indicate if you want an ADDGROUP command to be generated for the New Group. “Y” is the default.

Alias — Specify the user catalog to be used in a define alias command. The catalog name can be up to 44 characters long and SSA will not check the existence of the catalog. The syntax of the command generated is:

```
DEFINE ALIAS(NAME(‘NEWSYS1’) -
   RELATE(‘USER.CATALOG’))
```

All Permits — Indicate if you want all permits (dataset and general resource) of the Model Group to be replicated. “Y” is the default. If you specify “N”, the choice will fall to the individual questions concerning dataset or general resource permits.

All Segments — Indicate if you want all group segments of the Model Group to be replicated. “Y” is the default. If you specify “N”, the choice will fall to the questions concerning the individual segments.

AlgADD — Enter up to 60 characters that will be added to an ALTGROUP command that follows the initial ADDGROUP command if you replicated the entire Model Group. The data entered is the responsibility of the user and will not be validated by SSA.

AT — Enter a RRSF destination that will be specified on each command generated using the AT parameter.

Attributes Indicate if you want all group attributes on the connects to the Model Group to be replicated. “Y” is the default.

Check Indicate if you want the existence of the New Group to be validated before generating commands. If it exists, no ADDGROUP command will be generated, however, the remainder of the commands will be generated accordingly. “N” is the default.

Connects Indicate if you want all connect profiles on the Model Group to be replicated. “Y” is the default.

Dataset Profiles Indicate if you want all dataset profiles where the Model Group is the HLQ to be replicated. The replication process will include all aspects of those dataset profiles including but not limited to permits, installation data, audit levels, etc. “Y” is the default. If you indicate “Y”, the Default Dataset Profiles flag will be turned off to deactivate default dataset profile creation.

Default Dataset Profiles

Indicate if you want a default generic dataset profile created for the New Group. “N” turns off default dataset profile creation, “G” activates the creation of a non-EGN default dataset profile (i.e., NEWSYS1.*), and “E” activates the creation of a EGN default dataset profile (i.e., NEWSYS1.**). “N” is the default.

DFP Segment Indicate if you want the DFP segment of the Model Group to be replicated. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

DSN Permits Indicate if you want all dataset permits of the Model Group to be replicated. “Y” is the default which is duplicated by the “Y”, if specified, on All Permits.

Installation Data Enter up to 255 characters to override the installation data found on the Model Group.

OMVS Sement Indicate if you want the OMVS segment of the Model Group to be replicated. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

ONLYAT Enter a RRSF destination that will be specified on each command generated using the ONLYAT parameter.

Profile Owner Enter a valid userid or group that will be used to override the replicated profile owner at the group profile level on the Model Group.

RSC Permits Indicate if you want all general resource permits of the Model Group to be replicated. “Y” is the default which is duplicated by the “Y”, if specified, on All Permits.

Security Entries Indicate if you want all security labels, levels and categories of the Model Group to be replicated. “Y” is the default.

Superior Group Enter a valid group that will be used to override the superior group found for the Model Group.

Command Generation Initiators

Request Parser:REPGRP

The complete syntax of the Command is:

REPGRP	**Model Group**
	New Group
	[ADG | NOADG]
	[ALGADD('additions to ALG commands')]
	[ALIAS(catalog to add alias to)]
	[AT(additions to commands for RRSF)]
	[ATTR | NOATTR]
	[CON | NOCON]
	[DATA('new installation data')]
	[DSN | NODSN]
	[NOCHECK | CHECK]
	[NOGEN | GEN | EGN]
	[ONLYAT(additions to commands for RRSF)]
	[OWN(new profile owner)]
	[PER ([ALL | NONE] [DSN, RSC])
	[SEC | NOSEC]
	[SEG ([ALL | NONE] [DFP | NODFP] [OMVS | NOOMVS])
	[SUP(new superior group)]

Request Initiator:AAREPGRP

Execution Sample:

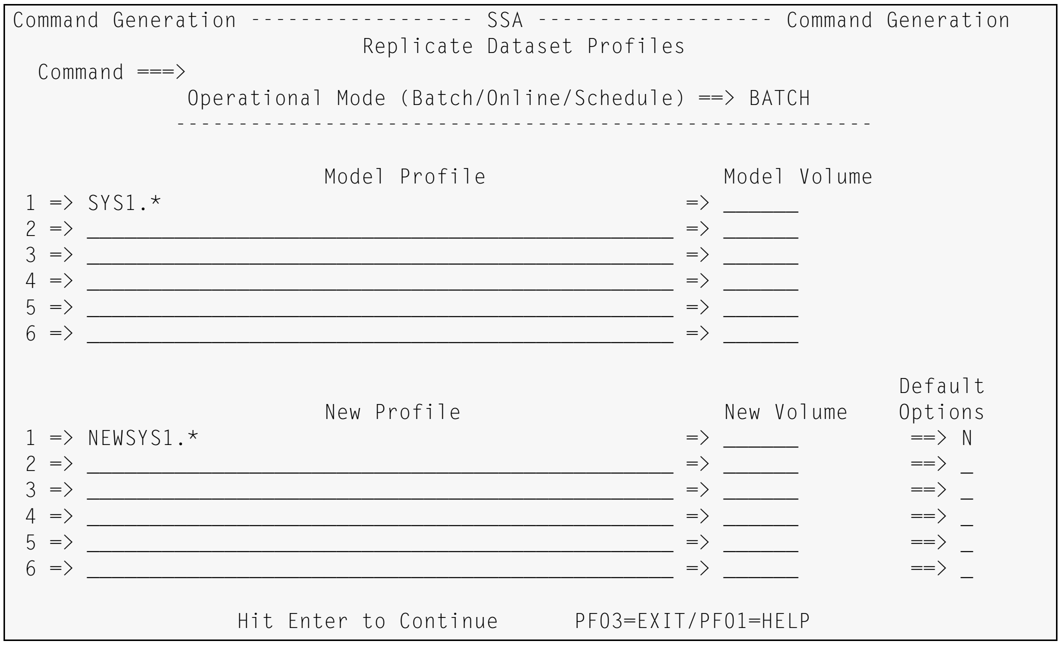
```
//SYSTSIN DD *
REPGRP SYS1 NEWSYS1 SUP(NEWSUPGP)
ISPSTART PGM(AAREPGRP)
//*
```

Replicate Group Profile Processing Notes

N/A

Replicate Dataset Profiles

The Replicate Dataset Profiles screen provides options to create all commands to replicate a specific dataset profile.



```
Command Generation ----------------- SSA ------------------ Command Generation
                           Replicate Dataset Profiles
  Command ===>
              Operational Mode (Batch/Online/Schedule) ==> BATCH
             -------------------------------------------------------

                         Model Profile                     Model Volume
 1 => SYS1.*                                            => ______
 2 => _______________________________________________   => ______
 3 => _______________________________________________   => ______
 4 => _______________________________________________   => ______
 5 => _______________________________________________   => ______
 6 => _______________________________________________   => ______

                                                                  Default
                         New Profile                       New Volume    Options
 1 => NEWSYS1.*                                         => ______         ==> N
 2 => _______________________________________________   => ______         ==> _
 3 => _______________________________________________   => ______         ==> _
 4 => _______________________________________________   => ______         ==> _
 5 => _______________________________________________   => ______         ==> _
 6 => _______________________________________________   => ______         ==> _

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Model Profile
: Specify the dataset profile to be replicated. The Model Dataset Profile must be specified. The profile does not need to exist in RACF because the information used for command generation is retrieved from the SSA ISPF tables.

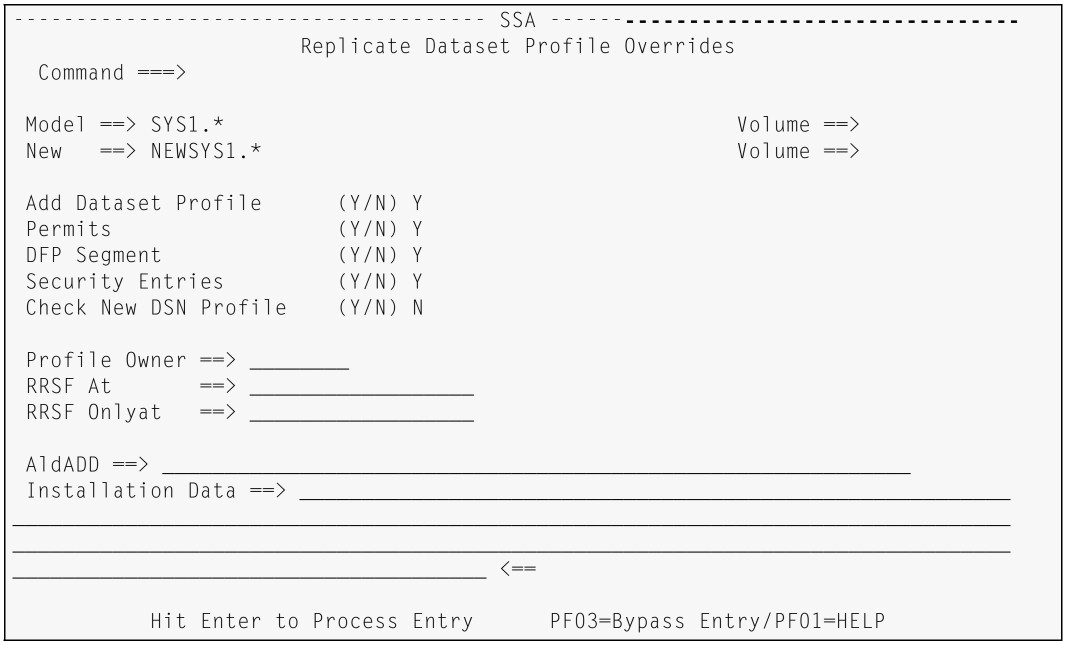
Model Volume
: If the Model Profile is discrete, you must specify the volume. If you do not specify the volume, SSA will consider the Model Profile a fully qualified generic profile and will search and replicate accordingly.

New Profile
: Specify the dataset profile that will be the recipient of the generated commands. The New Profile must be specified. The profiles status in RACF is only dependant on the options you choose to replicate. If you choose to replicate the entire Model Profile then the New Profile should not exist. If you choose to replicate only a portion of the Model Profile, then the New Profile must exist for the commands to execute successfully.

New Volume
: If the Model Profile is discrete and you wish to define the New Profile as discrete, you must specify a New Volume.

Default Options
: Specify “Y” if you want all default options to remain or “N” if you wish to specify options on the override screen. See page 210 for more details.

Replicate Dataset Profile Overrides Option Screen:



```
------------------------------------- SSA -------------------------------
                         Replicate Dataset Profile Overrides
  Command ===>

 Model ==> SYS1.*                                        Volume ==>
 New   ==> NEWSYS1.*                                     Volume ==>

 Add Dataset Profile      (Y/N) Y
 Permits                  (Y/N) Y
 DFP Segment              (Y/N) Y
 Security Entries         (Y/N) Y
 Check New DSN Profile    (Y/N) N

 Profile Owner ==> ________
 RRSF At       ==> __________________
 RRSF Onlyat   ==> __________________

 AldADD ==> ____________________________________________________________
 Installation Data ==> _________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
______________________________________ <==

           Hit Enter to Process Entry      PF03=Bypass Entry/PF01=HELP
```

If you chose to override the default settings for the replicate dataset profile process, you will be presented with the override screen. Below is a brief explanation of those options; options are in alphabetical order not the order they are displayed on the screen.

Add Dataset Profile
Indicate if you want an ADDSD command to be generated for the New Profile. “Y” is the default.

AldADD
Enter up to 60 characters that will be added to an ALTDSD command that follows the initial ADDSD command if you replicated the entire Model Profile. The data entered is the responsibility of the user and will not be validated by SSA.

AT
Enter a RRSF destination that will be specified on each command generated using the AT parameter.

Check
Indicate if you want the existence of the New Profile to be validated before generating commands. If it exists, no ADDSD command will be generated, however, the remainder of the commands will be generated accordingly. “N” is the default.

DFP Segment
Indicate if you want the DFP segment of the Model Profile to be replicated. “Y” is the default.

Installation Data
Enter up to 255 characters to override the installation data found on the Model Profile.

ONLYAT
Enter a RRSF destination that will be specified on each command generated using the ONLYAT parameter.

Permits
Indicate if you want all permits of the Model Profile to be replicated. “Y” is the default.

Profile Owner Enter a valid userid or group that will be used to override the replicated profile owner at the dataset profile level on the Model Profile.

Security Entries Indicate if you want all security labels, levels and categories of the Model Profile to be replicated. “Y” is the default.

Command Generation Initiators

Request Parser:REPDSN

The complete syntax of the Command is:

REPDSN	**Model Dataset Profile**
	New Dataset Profile
	[ADDSD | NOADDSD]
	[ALDADD('additions to ALD commands')]
	[AT(additions to commands for RRSF)]
	[DATA('new installation data')]
	[DFP | NODFP]
	[NEWVOL(volume of new dataset profile)]
	[NOCHECK | CHECK]
	[OLDVOL(volume of discrete model dataset profile)]
	[ONLYAT(additions to commands for RRSF)]
	[OWN(new profile owner)]
	[PER | NOPER]
	[SEC | NOSEC]

Request Initiator:AAREPDSN

Execution Sample:

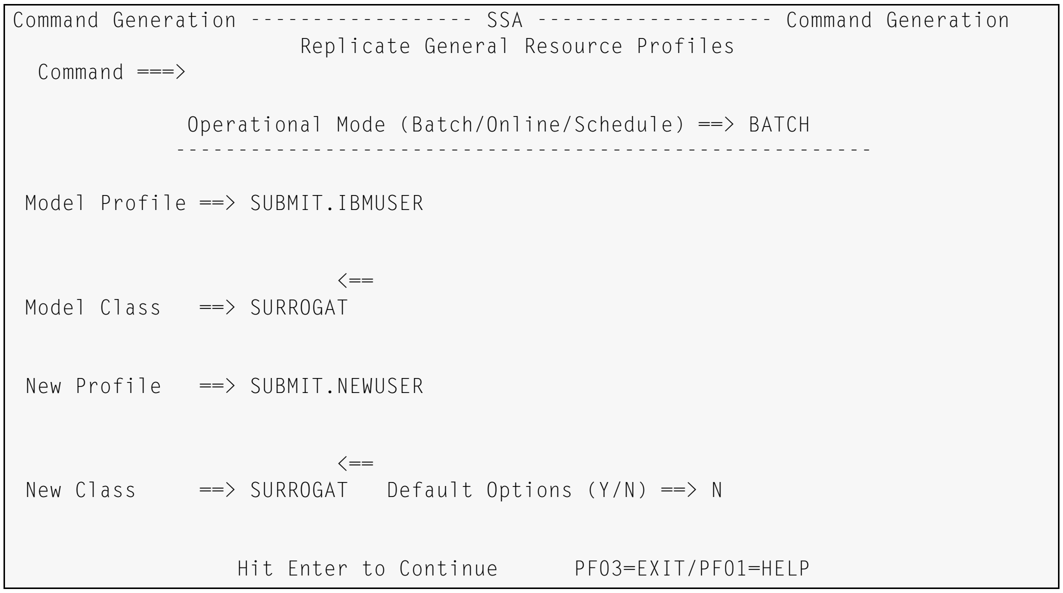
```
//SYSTSIN DD *
  REPDSN SYS1.* NEWSYS1.*
  ISPSTART PGM(AAREPDSN)
//*
```

Replicate Dataset Profile Processing Notes

N/A

Replicate General Resource Profiles

The Replicate General Resource Profiles screen provides options to create all commands to replicate a specific General Resource profile.



```
Command Generation ----------------- SSA ------------------ Command Generation
                       Replicate General Resource Profiles
  Command ===>

             Operational Mode (Batch/Online/Schedule) ==> BATCH
            -------------------------------------------------------

 Model Profile ==> SUBMIT.IBMUSER


                          <==
 Model Class   ==> SURROGAT


 New Profile   ==> SUBMIT.NEWUSER


                          <==
 New Class     ==> SURROGAT   Default Options (Y/N) ==> N


                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Model Profile Specify the general resource profile to be replicated. The Model General Resource Profile must be specified. The profile does not need to exist in RACF because the information used for command generation is retrieved from the SSA ISPF tables.

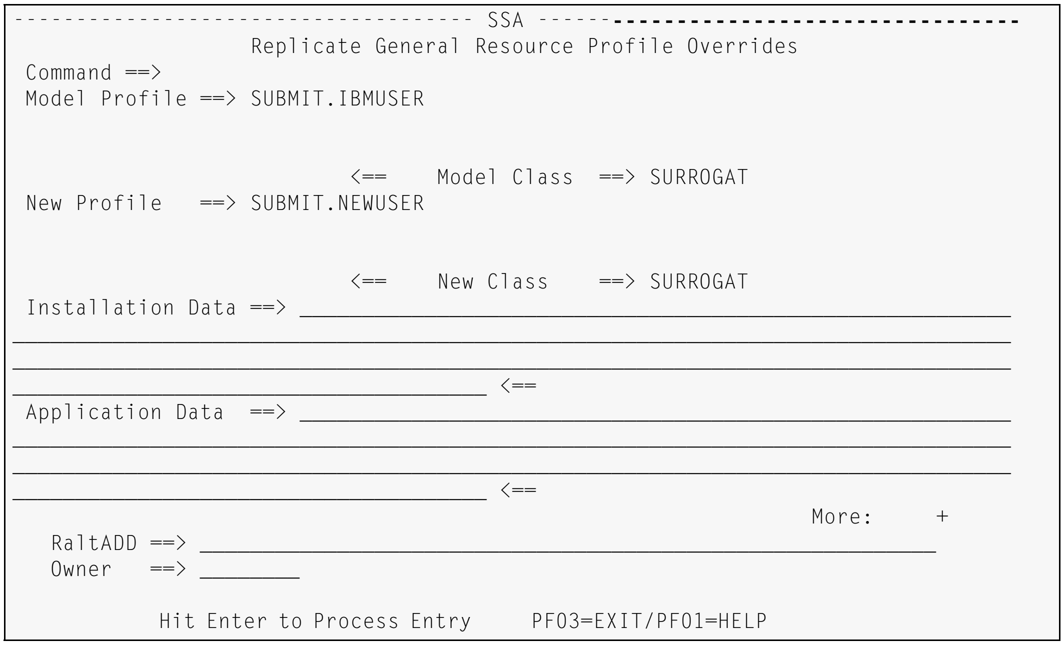
Model Class Specify the general resource class to which the Model Profile is defined. You must specify the Model Class. USER, GROUP, CONNECT and DATASET are not valid general resource classes.

New Profile Specify the general resource profile that will be the recipient of the generated commands. The New Profile must be specified. The profiles status in RACF is only dependant on the options you choose to replicate. If you choose to replicate the entire Model Profile then the New Profile should not exist. If you choose to replicate only a portion of the Model Profile, then the New Profile must exist for the commands to execute successfully.

New Class Specify a New Class to override the model class. If you do not specify a New Class, the Old Class will be used.

Default Options Specify “Y” if you want all default options to remain or “N” if you wish to specify options on the override screen. See page 213 for more details.

Replicate General Resource Profile Overrides Option Screen:



```
------------------------------------ SSA ------------------------------------
                  Replicate General Resource Profile Overrides
 Command ==>
 Model Profile ==> SUBMIT.IBMUSER


                          <==    Model Class   ==> SURROGAT
 New Profile   ==> SUBMIT.NEWUSER


                          <==    New Class     ==> SURROGAT
 Installation Data ==> _________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
______________________________________ <==
 Application Data  ==> _________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
______________________________________ <==
                                                                More:     +
   RaltADD ==> ___________________________________________________________
   Owner   ==> ________

           Hit Enter to Process Entry     PF03=EXIT/PF01=HELP
```

If you chose to override the default settings for the replicate general resource profile process, you will be presented with the override screen. Below is a brief explanation of those options; options are in alphabetical order not the order they are displayed on the screen.

Application Data Enter up to 255 characters to override the application data found on the Model Profile.

At Enter a RRSF destination that will be specified on each command generated using the AT parameter.

Check Indicate if you want the existence of the New Profile to be validated before generating commands. If it exists, no RDEFINE command will be generated, however, the remainder of the commands will be generated accordingly. “N” is the default.

DLFdata Segment
Indicate if you want the DLFDATA segment of the Model Profile to be replicated. “Y” is the default.

Installation Data Enter up to 255 characters to override the installation data found on the Model Profile.

Members Indicate if you want all members of the Model Profile to be replicated. “Y” is the default.

Onlyat Enter a RRSF destination that will be specified on each command generated using the ONLYAT parameter.

Permits Indicate if you want all permits of the Model Profile to be replicated. “Y” is the default.

Profile Owner Enter a valid userid or group that will be used to override the replicated profile owner at the general resource profile level on the Model Profile.

RALTADD	Enter up to 60 characters that will be added to an RALTER command that follows the initial RDEFINE command if you replicated the entire Model Profile. The data entered is the responsibility of the user and will not be validated by SSA.

RDEFINE	Indicate if you want an RDEFINE command to be generated for the New Profile. “Y” is the default.

Security Entries	Indicate if you want all security labels, levels and categories of the Model Profile to be replicated. “Y” is the default.

Session Segment
Indicate if you want the SESSION segment of the Model Profile to be replicated. “Y” is the default.

STDATA Segment
Indicate if you want the STDATA (Started Task) segment of the Model Profile to be replicated. “Y” is the default.

SYSTEMVIEW Segment
Indicate if you want the SYSTEMVIEW segment of the Model Profile to be replicated. “Y” is the default.

Command Generation Initiators

Request Parser:REPRSC

The complete syntax of the Command is:

REPRSC	**Model Resource Profile**
	New Resource Profile
	Model Resource Class
	[APPLDATA('new application data')
	[AT(additions to commands for RRSF)]
	[DATA('new installation data')]
	[DLFDATA | NODLFDATA]
	[MEM | NOMEM]
	[NEWCLS(new resource class)]
	[NOCHECK | CHECK]
	[ONLYAT(additions to commands for RRSF)]
	[OWN(new profile owner)]
	[PER | NOPER]
	[RALTADD('additions to RALT commands')]
	[RDEF | NORDEF]
	[SEC | NOSEC]
	[SESSION | NOSESSION]
	[SYSTEMVIEW | NOSYSTEMVIEW]
	[STDATA | NOSTDATA]

Request InitiatorAAREPRSC

Execution Sample:

```
//SYSTSIN DD *
REPRSC SUBMIT.IBMUSER -
       SUBMIT.NEWUSER -
       SURROGAT
ISPSTART PGM(AAREPRSC)
//*
```

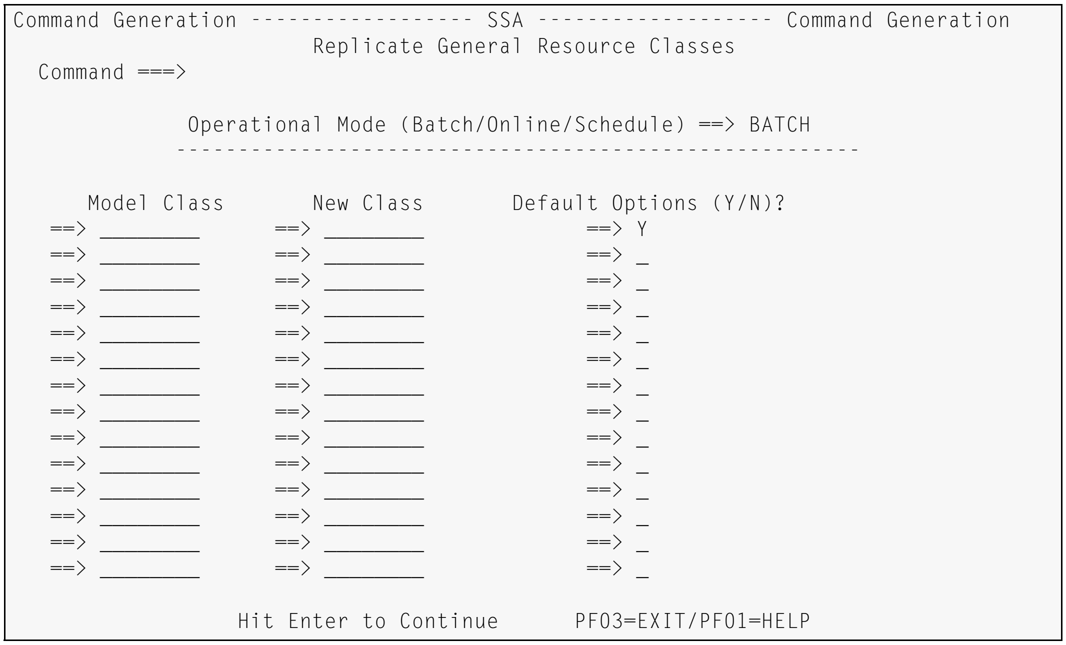
Replicate General Resource Profile Processing Notes

Keep the following in mind when using the Replicate General Resource Profile function:

- AAREPRSC will validate that the request for particular segments are appropriate. The appropriateness of the request is determined by the Model Class and the segment requested. For example, if you requested that the STDATA segment be part of the replication process, yet the New Class you requested was FACILITY, the request for the STDATA segment replication would not be processed. This is important to help maintain a ‘clean’ database by eliminating definitions that have no use and ensuring that all commands generated are valid.
- If you enter a grouping class profile that has members as the Model Profile and a non-grouping class profile as the New Profile, SSA will still generate the ADDMEM commands for all members found on the Model Profile even though the commands will fail. It is the responsibility of the user to enter appropriate classes.
- If you enter a Model Class and a New Class that have incompatibilities in their CDT definitions, SSA will still generate all commands as requested. It is the responsibility of the user to enter classes that are compatible.

Replicate General Resource Classes

Replicate a General Resource Class creates all commands to replicate a specific General Resource class.



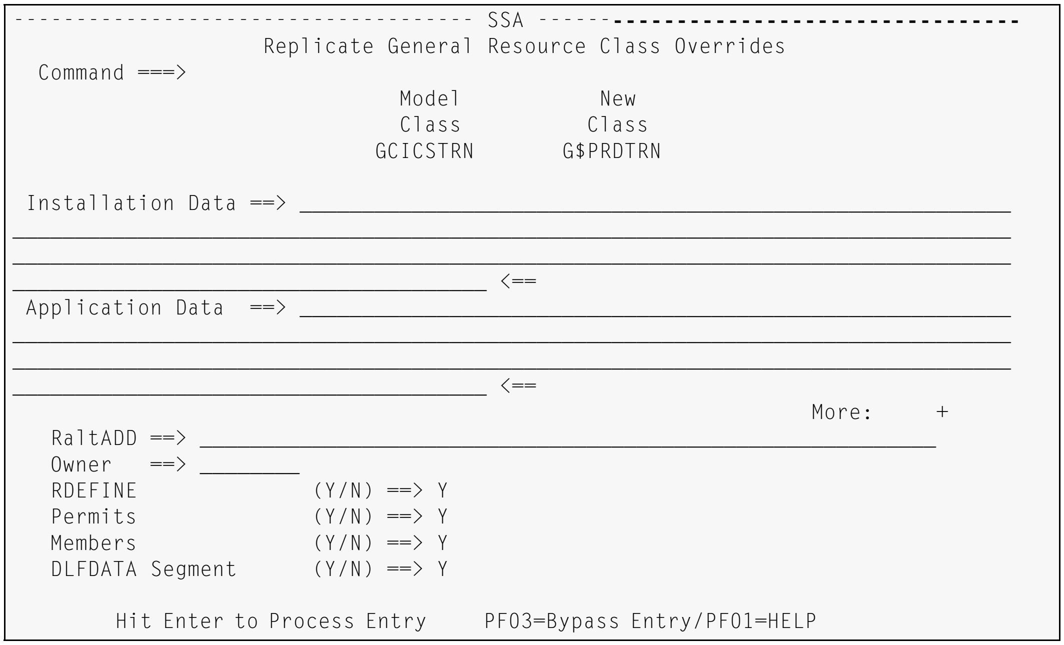
```
Command Generation ----------------- SSA ------------------ Command Generation
                        Replicate General Resource Classes
  Command ===>

              Operational Mode (Batch/Online/Schedule) ==> BATCH
             -------------------------------------------------------

      Model Class       New Class       Default Options (Y/N)?
   ==> ________      ==> ________             ==> Y
   ==> ________      ==> ________             ==> _
   ==> ________      ==> ________             ==> _
   ==> ________      ==> ________             ==> _
   ==> ________      ==> ________             ==> _
   ==> ________      ==> ________             ==> _
   ==> ________      ==> ________             ==> _
   ==> ________      ==> ________             ==> _
   ==> ________      ==> ________             ==> _
   ==> ________      ==> ________             ==> _
   ==> ________      ==> ________             ==> _
   ==> ________      ==> ________             ==> _
   ==> ________      ==> ________             ==> _
   ==> ________      ==> ________             ==> _

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Model Class	Specify the general resource class to be replicated. The Model Class must be specified. The Model Class does not need to exist in RACF because the information used for command generation is retrieved from the SSA ISPF tables.

New Class	Specify the general resource class that will be the recipient of the generated commands. The New Class must be specified and must exist in RACF for the generated commands to execute successfully.

Default Options	Specify “Y” if you want all default options to remain or “N” if you wish to specify options on the override screen. See page 217 for more details.

Replicate General Resource Class Overrides Option Screen



```
------------------------------------ SSA -------------------------------
                    Replicate General Resource Class Overrides
  Command ===>
                                Model          New
                                Class          Class
                              GCICSTRN       G$PRDTRN

 Installation Data ==> ________________________________________________________
_______________________________________________________________________________
_______________________________________________________________________________
_____________________________________ <==
 Application Data  ==> ________________________________________________________
_______________________________________________________________________________
_______________________________________________________________________________
_____________________________________ <==
                                                           More:     +
   RaltADD ==> __________________________________________________________
   Owner   ==> ________
   RDEFINE             (Y/N) ==> Y
   Permits             (Y/N) ==> Y
   Members             (Y/N) ==> Y
   DLFDATA Segment     (Y/N) ==> Y

        Hit Enter to Process Entry     PF03=Bypass Entry/PF01=HELP
```

If you chose to override the default settings for the replicate general resource class process, you will be presented with the override screen. Below is a brief explanation of those options; options are in alphabetical order not the order they are displayed on the screen.

Application Data Enter up to 255 characters to override the application data found on the profiles defined to the Model Class.

At Enter a RRSF destination that will be specified on each command generated using the AT parameter.

Check Indicate if you want the existence of the New Class to be validated before generating commands. If it does not exist, no commands will be generated. “N” is the default.

DLFDATA Segment
Indicate if you want the DLFDATA segment found on the profiles defined to the Model Class to be replicated. “Y” is the default.

Installation Data Enter up to 255 characters to override the installation data found on the profiles defined to the Model Class.

Members Indicate if you want all members found on the profiles defined to the Model Class to be replicated. “Y” is the default.

ONLYAT: Enter a RRSF destination that will be specified on each command generated using the ONLYAT parameter.

Permits Indicate if you want all permits found on the profiles defined to the Model Class to be replicated. “Y” is the default.

Profile Owner: Enter a valid userid or group that will be used to override the replicated profile owner at the general resource profile level on the Model Class.

RALTADD: Enter up to 60 characters that will be added to an RALTER command that follows the initial RDEFINE command if you replicated the entire Model Class. The data entered is the responsibility of the user and will not be validated by SSA.

RDEFINE: Indicate if you want an RDEFINE command to be generated for all the profiles found on the profiles defined to the Old Class. “Y” is the default.

Security Entries Indicate if you want all security labels, levels and categories found on the profiles defined to the Model Class to be replicated.   “Y” is the default.

Session SegmentIndicate if you want the SESSION segment found on the profiles defined to the Model Class to be replicated. “Y” is the default.

STDATA Segment
Indicate if you want the STDATA segment found on the profiles defined to the Model Class to be replicated. “Y” is the default.

SYSTEMVIEW Segment
Indicate if you want the SYSTEMVIEW segment found on the profiles defined to the Model Class to be replicated. “Y” is the default.

Command Generation Inititators

Request Parser:REPCLS

The complete syntax of the Command is:

REPCLS	**Model Resource Class**
	New Resource Class
	[APPLDATA('new application data')
	[AT(additions to commands for RRSF)]
	[DATA('new installation data')]
	[DLFDATA | NODLFDATA]
	[MEM | NOMEM]
	[NOCHECK | CHECK]
	[ONLYAT(additions to commands for RRSF)]
	[OWN(new profile owner)]
	[PER | NOPER]
	[RALTADD(additions to RALT commands)]
	[RDEF | NORDEF]
	[SEC | NOSEC]
	[SESSION | NOSESSION]
	[SYSTEMVIEW | NOSYSTEMVIEW]
	[STDATA | NOSTDATA]

Request Initiator:AAREPCLS

Execution Sample:

```
//SYSTSIN DD *
REPCLS GCICSTRN G$PRDTRN
ISPSTART PGM(AAREPCLS)
//*
```

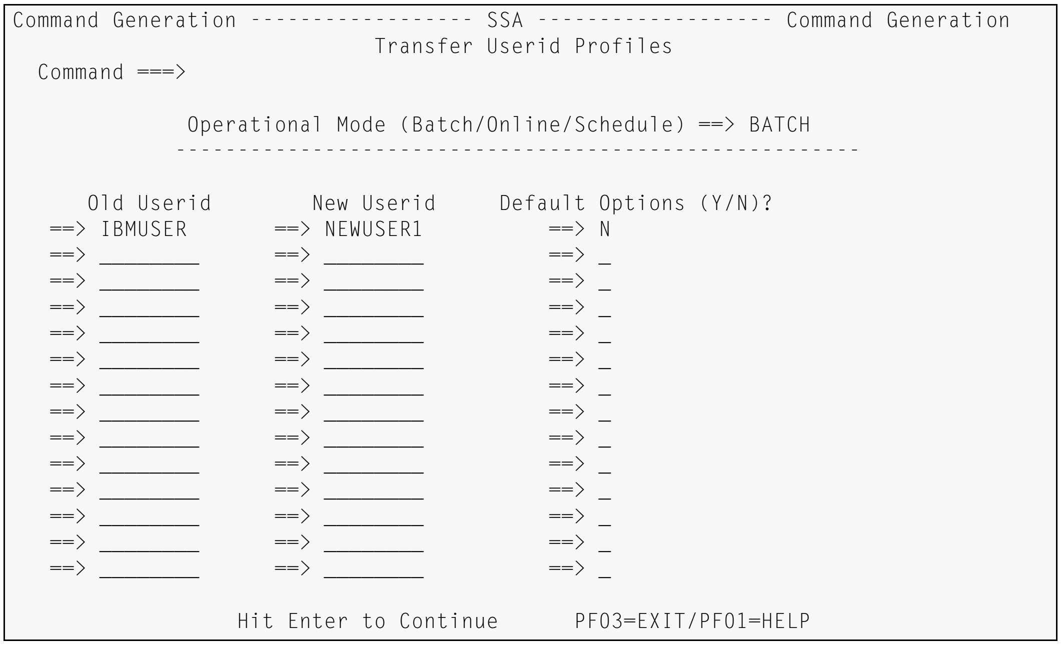
Replicate General Resource Class Processing Notes

Keep the following in mind when using the Replicate General Resource Class function:

- AAREPCLS will validate that the request for particular segments are appropriate. The appropriateness of the request is determined by the Model Class and the segment requested. For example, if you requested that the STDATA segment be part of the replication process, yet the New Class you requested was FACILITY, the request for the STDATA segment replication would not be processed. This is important to help maintain a ‘clean’ database by eliminating definitions that have no use insuring that all generated commands are valid.
- If you enter a grouping class that has members as the Model Class and a non-grouping class as the New Class, SSA will still generate the ADDMEM commands for all members found on the Model Class even though the commands will fail. It is the responsibility of the user to enter appropriate classes.
- If you enter a Model Class and a New Class that have incompatibilities in their CDT definitions, SSA will still generate all commands as requested. It is the responsibility of the user to enter classes that are compatible.

Transfer Userid Profiles

The Transfer Userid Profiles process creates all commands to transfer all or some of one userid to another based upon your selection criteria.



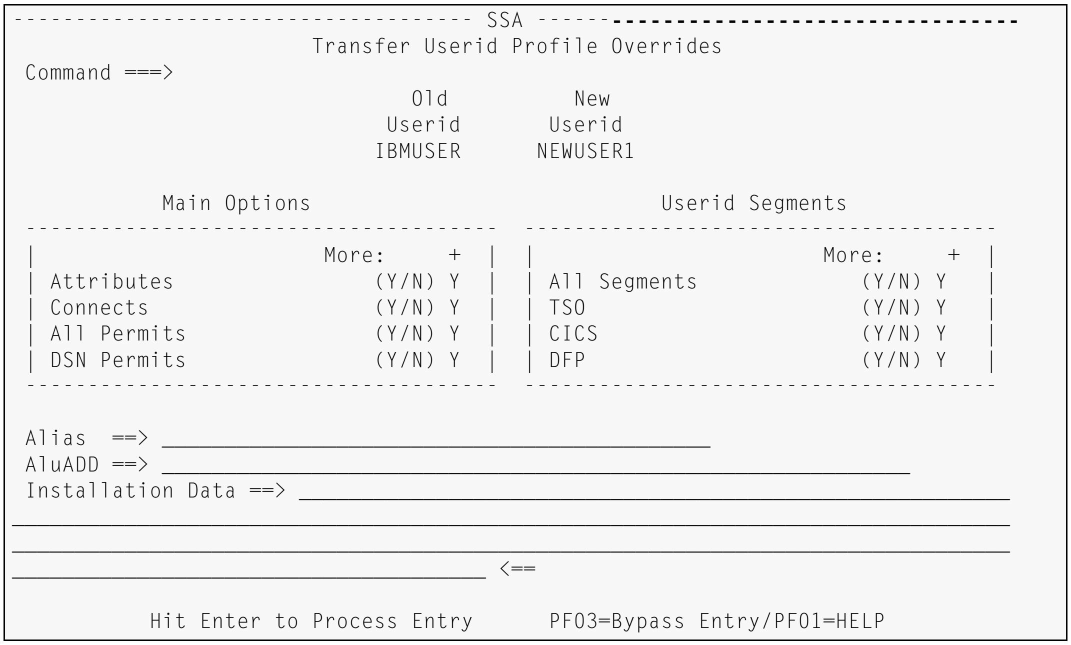
```
Command Generation ----------------- SSA ------------------ Command Generation
                             Transfer Userid Profiles
  Command ===>

              Operational Mode (Batch/Online/Schedule) ==> BATCH
             ------------------------------------------------------

      Old Userid        New Userid     Default Options (Y/N)?
   ==> IBMUSER       ==> NEWUSER1          ==> N
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Old Userid Specify the userid to be replaced. The Old Userid must be specified. The userid does not need to exist in RACF because the information used for command generation is retrieved from the SSA ISPF tables, however, some of the commands will fail (i.e., DELUSER).

New Userid Specify the userid that will be the recipient of the generated commands. The New Userid must be specified and the New Userid should not exist in RACF for all the commands to complete successfully (i.e., ADDUSER).

Default Options Specify “Y” if you want all default options to remain or “N” if you wish to specify options on the override screen. See page 221 for more details.

Transfer Userid Profile Overrides Option Screen



```
------------------------------------ SSA --------------------------------------
                       Transfer Userid Profile Overrides
 Command ===>
                              Old          New
                            Userid       Userid
                           IBMUSER      NEWUSER1

           Main Options                            Userid Segments
 -------------------------------------   -------------------------------------
 |                       More:     +  |  |                       More:     +  |
 | Attributes                (Y/N) Y  |  | All Segments              (Y/N) Y  |
 | Connects                  (Y/N) Y  |  | TSO                       (Y/N) Y  |
 | All Permits               (Y/N) Y  |  | CICS                      (Y/N) Y  |
 | DSN Permits               (Y/N) Y  |  | DFP                       (Y/N) Y  |
 -------------------------------------   -------------------------------------

 Alias  ==> ____________________________________________
 AluADD ==> ____________________________________________________________
 Installation Data ==> _________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
______________________________________ <==

          Hit Enter to Process Entry      PF03=Bypass Entry/PF01=HELP
```

If you chose to override the default settings for the transfer userid process, you will be presented with the override screen. Below is a brief explanation of those options; options are in alphabetical order not the order they are displayed on the screen.

Note: Be sure to use the scrolling boxes to display all override options available.

Alias — Specify the user catalog to be used in a define alias command. The catalog name can be up to 44 characters long and SSA will not check the existence of the catalog. The syntax of the command generated is:

```
DEFINE ALIAS(NAME(‘USERBOB’) -
RELATE(‘USER.CATALOG’))
```

All Permits — Indicate if you want all permits (dataset and general resource) of the Old Userid to be transferred. “Y” is the default. If you specify “N”, the choice will fall to the individual questions concerning dataset or general resource permits.

All Segments — Indicate if you want all userid segments of the Old Userid to be transferred. “Y” is the default. If you specify “N”, the choice will fall to the questions concerning the individual segments.

ALUAdd — Enter up to 60 characters that will be added to an ALTUSER command that follows the initial ADDUSER command. The data entered is the responsibility of the user and will not be validated by SSA.

At — Enter a RRSF destination that will be specified on each command generated using the AT parameter.

Attributes — Indicate if you want all global attributes on the Old Userid to be transferred. “Y” is the default.

Cataloged Datasets
Indicate if you want rename commands generated for physical datasets where the Old Userid was the HLQ. VSAM and tape datasets will not be processed. ‘N’ is the default.

Check
Indicate if you want the existence of the New Userid to be validated before generating commands. If it exists, no ADDUSER command will be generated, however, the remainder of the commands will be generated accordingly. “N” is the default.

CICS Segment
Indicate if you want the CICS segment of the Old Userid to be transferred. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

Connects
Indicate if you want all connect profiles on the Old Userid to be transferred. “Y” is the default.

Dataset Profiles
Indicate if you want all dataset profiles where the Old Userid is the HLQ to be transferred. The replication process will include all aspects of those dataset profiles including but not limited to permits, installation data, audit levels, etc. “Y” is the default.

DCE Segment
Indicate if you want the DCE segment of the Old Userid to be transferred. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

Default Group
Enter a group to override the default group found on the Old Userid.

DFP Segment
Indicate if you want the DFP segment of the Old Userid to be transferred. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

DSN Permits
Indicate if you want all dataset permits of the Old Userid to be transferred. “Y” is the default which is duplicated by the “Y”, if specified, on All Permits.

Installation Data
Enter up to 255 characters to override the installation data found on the Old Userid.

Language Segment
Indicate if you want the LANGUAGE segment of the Old Userid to be transferred. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

Netview Segment
Indicate if you want the NETVIEW segment of the Old Userid to be transferred. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

OMVS Segment
Indicate if you want the OMVS segment of the Old Userid to be transferred. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

ONLYAT
Enter a RRSF destination that will be specified on each command generated using the ONLYAT parameter.

OPERPARM Segment
Indicate if you want the OPERPARM segment of the Old Userid to be transferred. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

Password
Enter a password that be used to override the default password assigned by RACF when a new userid is added.

Profile Owner
Enter a valid userid or group that will be used to override the transferred profile owner at the userid profile level on the Old Userid.

RSC Permits
Indicate if you want all general resource permits of the Old Userid to be transferred. “Y” is the default which is duplicated by the “Y”, if specified, on All Permits.

Security Entries
Indicate if you want all security labels, levels and categories of the Old Userid to be transferred. “Y” is the default.

TSO Segment
Indicate if you want the TSO segment of the Old Userid to be transferred. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

WORKATTR Segment
Indicate if you want the WORKATTR segment of the Old Userid to be transferred. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

Command Generation Initiators

Request Parser:TRNUSR

The complete syntax of the Command is:

TRNUSR	Old Userid
	New Userid
	[ALUADD('additions to ALU commands')]
	[AT(additions to commands for RRSF)]
	[ALIAS(catalog to add alias to)
	[ATTR | NOATTR]
	[CATDSN | NOCATDSN]
	[CON | NOCON]
	[DATA('new installation data')]
	[DFL(new default group)]
	[DSN | NODSN]
	[NOCHECK | CHECK]
	[ONLYAT(additions to commands for RRSF)]
	[OWN(new profile owner)]
	[PER ([ALL | NONE | DSN | RSC])
	[PSW(new password)]
	[SEC | NOSEC]
	[SEG ([ALL | NONE] [TSO | NOTSO] [CICS | NOCICS] [DCE | NODCE] [DFP | NODFP] [LANGUAGE | NOLANGUAGE] [OPERPARM | NOOPERPARM] [WORKATTR | NOWORKATTR] [OMVS | NOOMVS] [NETVIEW | NONETVIEW])

Request Initiator:AATRNUSR

Execution Sample:

```
//SYSTSIN DD *
TRNUSR USERBOB USERKEN
ISPSTART PGM(AATRNUSR)
//*
```

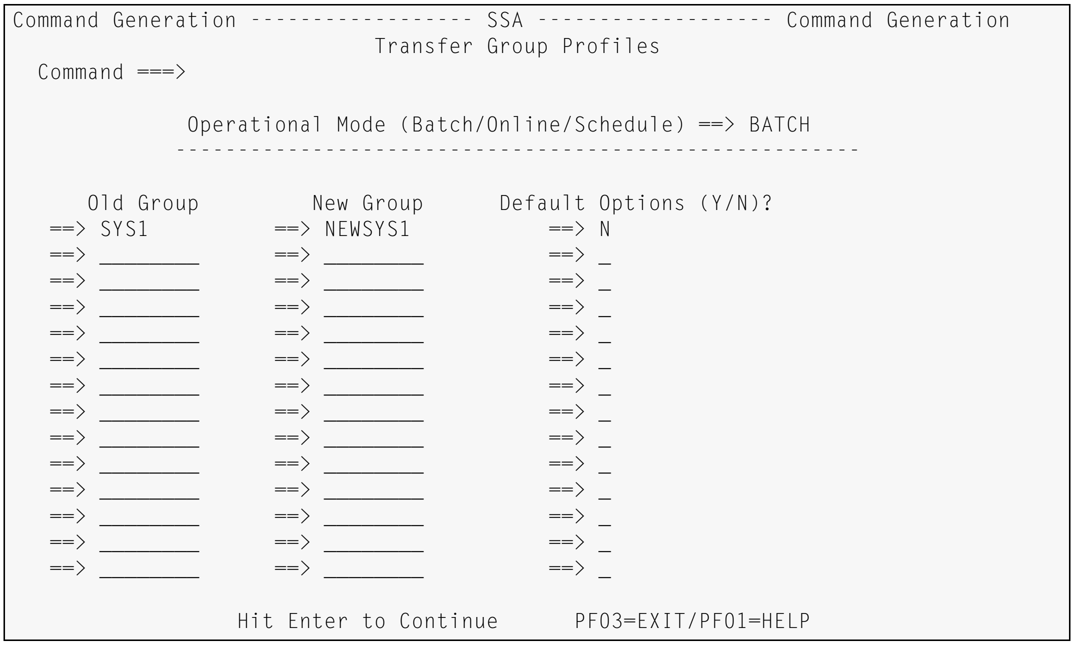
Transfer Userid Profile Processing Notes

Keep the following in mind when using the Transfer Userid function:

- If you enter both an AT and ONLYAT override only the AT will be processed.
- If a value of NONE on the KEY field of the OPERPARM segment is encountered it will be treated as no key.
- If a value of 00000 on the STORAGE field of the OPERPARM segment is encountered it will be treated as no storage although the command creates this value as a default.
- All RACLINK commands will have no passwords and are only viable when executed from the appropriate node.
- The renaming of dataset profiles and physical datasets may produce truncated names if you transfer a userid which is shorter in length than the new userid and the old userid has long RACF dataset profiles or physical datasets.

Transfer Group Profiles

The Transfer Group Profiles process creates all commands to transfer all or some of one group to another naming convention based upon your selection criteria.



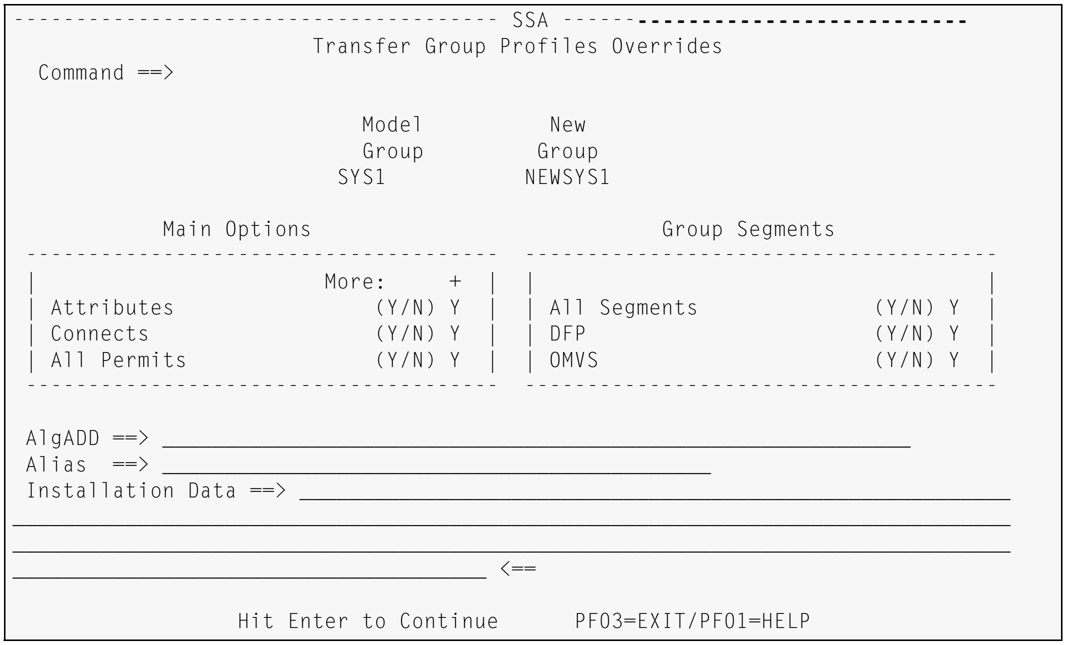
```
Command Generation ----------------- SSA ------------------ Command Generation
                             Transfer Group Profiles
  Command ===>

              Operational Mode (Batch/Online/Schedule) ==> BATCH
             ------------------------------------------------------

      Old Group         New Group      Default Options (Y/N)?
   ==> SYS1          ==> NEWSYS1            ==> N
   ==> ________      ==> ________           ==> _
   ==> ________      ==> ________           ==> _
   ==> ________      ==> ________           ==> _
   ==> ________      ==> ________           ==> _
   ==> ________      ==> ________           ==> _
   ==> ________      ==> ________           ==> _
   ==> ________      ==> ________           ==> _
   ==> ________      ==> ________           ==> _
   ==> ________      ==> ________           ==> _
   ==> ________      ==> ________           ==> _
   ==> ________      ==> ________           ==> _
   ==> ________      ==> ________           ==> _
   ==> ________      ==> ________           ==> _

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Old Group Specify the group to be transferred. The Old Group must be specified. The group does not need to exist in RACF because the information used for command generation is retrieved from the SSA ISPF tables, however, some of the commands will fail (i.e., DELGROUP).

New Group Specify the group that will be the recipient of the generated commands. The New Group must be specified and the New Group should not exist in RACF for all the commands to complete successfully (i.e., ADDGROUP).

Default Options Specify “Y” if you want all default options to remain or “N” if you wish to specify options on the override screen. See page 227 for more details.

Transfer Group Profiles Overrides Option Screen



```
-------------------------------------- SSA -------------------------------
                        Transfer Group Profiles Overrides
  Command ==>

                            Model          New
                            Group          Group
                          SYS1           NEWSYS1

           Main Options                            Group Segments
 -------------------------------------  -------------------------------------
 |                       More:     +  |  |                                   |
 | Attributes                (Y/N) Y  |  | All Segments              (Y/N) Y  |
 | Connects                  (Y/N) Y  |  | DFP                       (Y/N) Y  |
 | All Permits               (Y/N) Y  |  | OMVS                      (Y/N) Y  |
 -------------------------------------  -------------------------------------

 AlgADD ==> ____________________________________________________________
 Alias  ==> ____________________________________________
 Installation Data ==> _________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
______________________________________ <==

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

If you chose to override the default settings for the transfer group process, you will be presented with the override screen. Below is a brief explanation of those options; options are in alphabetical order not the order they are displayed on the screen.

Note: Be sure to use the scrolling boxes to display all override options available.

Alias
: Specify the user catalog to be used in a define alias command. The catalog name can be up to 44 characters long and SSA will not check the existence of the catalog. The syntax of the command generated is:

```
DEFINE ALIAS(NAME('NEWSYS1') -
   RELATE('USER.CATALOG'))
```

All Permits
: Indicate if you want all permits (dataset and general resource) of the Model Group to be transferred. “Y” is the default. If you specify “N”, the choice will fall to the individual questions concerning dataset or general resource permits.

All Segments
: Indicate if you want all segments of the Old Group to be transferred. “Y” is the default. If you specify “N”, the choice will fall to the questions concerning the individual segments.

AlgADD
: Enter up to 60 characters that will be added to an ALTGROUP command that follows the initial ADDGROUP command. The data entered is the responsibility of the user and will not be validated by SSA.

At
: Enter a RRSF destination that will be specified on each command generated using the AT parameter.

Attributes
: Indicate if you want all group attributes on connects to the Old Group to be transferred. “Y” is the default.

Cataloged Datasets

Indicate if you want rename commands generated for physical datasets where the Old Group was the HLQ. VSAM and tape datasets will not be processed. ‘N’ is the default.

Check

Indicate if you want the existence of the New Group to be validated before generating commands. If it exists, no ADDGROUP command will be generated, however, the remainder of the commands will be generated accordingly. “N” is the default.

Connects

Indicate if you want all connect profiles on the Old Group to be transferred. “Y” is the default.

Dataset Profiles

Indicate if you want all dataset profiles where the Old Group is the HLQ to be transferred. The replication process will include all aspects of those dataset profiles including but not limited to permits, installation data, audit levels, etc. “Y” is the default.

DFP Segment

Indicate if you want the DFP segment of the Old Group to be transferred. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

DSN Permits

Indicate if you want all dataset permits of the Old Group to be transferred. “Y” is the default which is duplicated by the “Y”, if specified, on All Permits.

Installation Data

Enter up to 255 characters to override the installation data found on the Old Group.

OMVS Segment

Indicate if you want the OMVS segment of the Old Group to be transferred. “Y” is the default which is duplicated by the “Y”, if specified, on All Segments.

ONLYAT

Enter a RRSF destination that will be specified on each command generated using the ONLYAT parameter.

Profile Owner

Enter a valid userid or group that will be used to override the transferred profile owner at the group profile level on the Old Group.

RSC Permits

Indicate if you want all general resource permits of the Old Group to be transferred. “Y” is the default which is duplicated by the “Y”, if specified, on All Permits.

Security Entries

Indicate if you want all security labels, levels and categories of the Old Group to be transferred. “Y” is the default.

Command Generation Initiators

Request Parser:TRNGRP

The complete syntax of the Command is:

TRNGRP	Old Group
	New Group
	[ALGADD('additions to ALG commands')]
	[ALIAS(catalog to add alias to)]
	[AT(additions to commands for RRSF)]
	[ATTR | NOATTR]
	[CATDSN | NOCATDSN]
	[CON | NOCON]
	[DATA('new installation data')]
	[DSN | NODSN]
	[NOCHECK | CHECK]
	[ONLYAT(additions to commands for RRSF)]
	[OWN(new profile owner)]
	[PER ([ALL | NONE | DSN | RSC])
	[SEC | NOSEC]
	[SEG ([ALL | NONE] [DFP | NODFP] [OMVS | NOOMVS])
	[SUP(new superior group)]

Request Initiator:AATRNGRP

Execution Sample

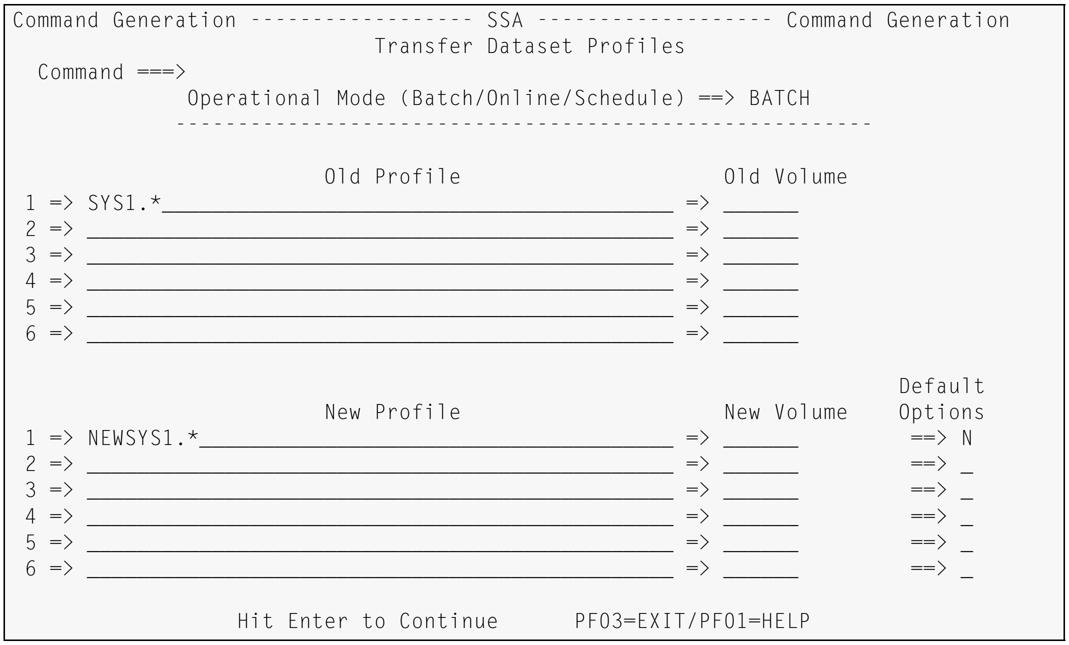
```
//SYSTSIN DD *
TRNGRP SYS1 NEWSYS1
ISPSTART PGM(AATRNGRP)
//*
```

Transfer Group Profiles Processing Notes

The renaming of dataset profiles and physical datasets can produced truncated names if you transfer a group whose length than the New Group and the Old Group has long RACF dataset profiles or physical datasets.

Transfer Dataset Profiles

The Transfer Dataset Profiles process creates all the commands to transfer all or some of one dataset profile to another naming convention based upon your selection criteria.



```
Command Generation ----------------- SSA ------------------ Command Generation
                             Transfer Dataset Profiles
  Command ===>
            Operational Mode (Batch/Online/Schedule) ==> BATCH
           --------------------------------------------------------

                         Old Profile                     Old Volume
 1 => SYS1.*_______________________________________ => ______
 2 => _____________________________________________ => ______
 3 => _____________________________________________ => ______
 4 => _____________________________________________ => ______
 5 => _____________________________________________ => ______
 6 => _____________________________________________ => ______

                                                                   Default
                         New Profile                     New Volume    Options
 1 => NEWSYS1.*____________________________________ => ______         ==> N
 2 => _____________________________________________ => ______         ==> _
 3 => _____________________________________________ => ______         ==> _
 4 => _____________________________________________ => ______         ==> _
 5 => _____________________________________________ => ______         ==> _
 6 => _____________________________________________ => ______         ==> _

                   Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Old Profile — Specify the dataset profile to be transferred. The Old Dataset Profile must be specified. The profile does not need to exist in RACF because the information used for command generation is retrieved from the SSA ISPF tables, however, some of the commands will fail (i.e., DELDSD).

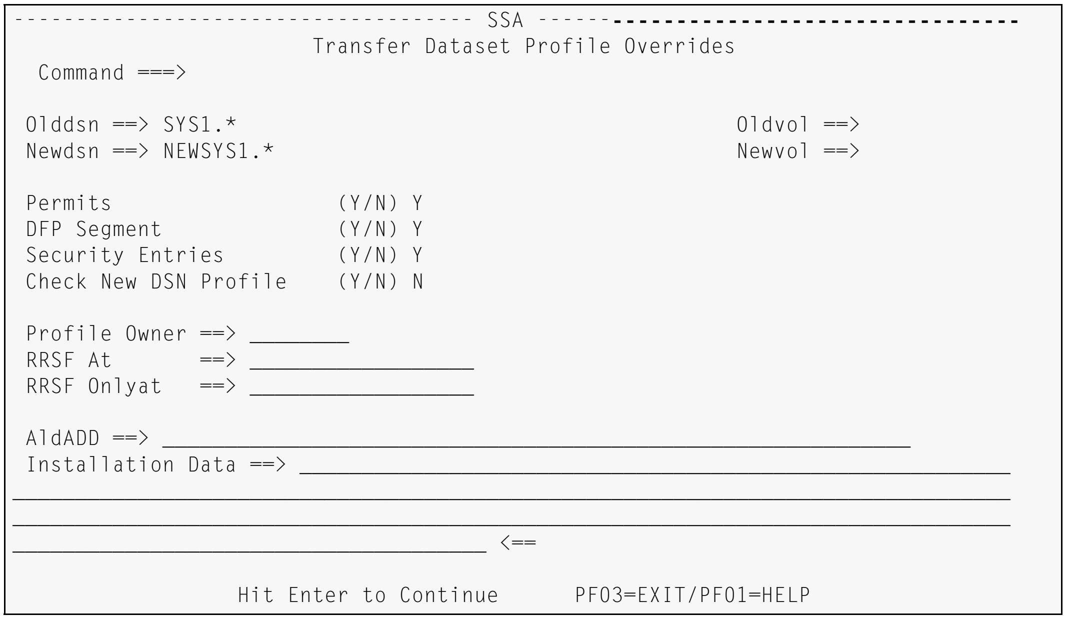
Old Volume — If the Old Profile is discrete, you must specify the volume. If you do not specify the volume, SSA will consider the Old Profile a fully qualified generic profile and will search and transfer accordingly.

New Profile — Specify the dataset profile that will be the recipient of the generated commands. The New Profile must be specified and the New Profile should not exist in RACF for all the commands to complete successfully (i.e., ADDSD).

New Volume — If the Old Profile is discrete and you wish to define the New Profile as discrete, you must specify a New Volume.

Default Options — Specify “Y” if you want all default options to remain or “N” if you wish to specify options on the override screen. See page 231 for more details.

Transfer Dataset Profile Overrides Option Screen



```
------------------------------------ SSA ------------------------------------
                        Transfer Dataset Profile Overrides
  Command ===>

 Olddsn ==> SYS1.*                                        Oldvol ==>
 Newdsn ==> NEWSYS1.*                                     Newvol ==>

 Permits                 (Y/N) Y
 DFP Segment             (Y/N) Y
 Security Entries        (Y/N) Y
 Check New DSN Profile   (Y/N) N

 Profile Owner ==> ________
 RRSF At       ==> __________________
 RRSF Onlyat   ==> __________________

 AldADD ==> ____________________________________________________________
 Installation Data ==> _________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
______________________________________ <==

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

If you chose to override the default settings for the transfer dataset profile process, you will be presented with the override screen. Below is a brief explanation of those options; options are in alphabetical order not the order they are displayed on the screen.

AldADD Enter up to 60 characters that will be added to an ALTDSD command that follows the initial ADDSD command. The data entered is the responsibility of the user and will not be validated by SSA.

At Enter a RRSF destination that will be specified on each command generated using the AT parameter.

Check Indicate if you want the existence of the New Profile to be validated before generating commands. If it exists, no ADDSD command will be generated, however, the remainder of the commands will be generated accordingly. “N” is the default.

DFP Segment Indicate if you want the DFP segment of the Old Profile to be transferred. “Y” is the default.

Installation Data Enter up to 255 characters to override the installation data found on the Old Profile.

ONLYAT Enter a RRSF destination that will be specified on each command generated using the ONLYAT parameter.

Permits Indicate if you want all permits of the Old Profile to be transferred. “Y” is the default.

Profile Owner Enter a valid userid or group that will be used to override the transferred profile owner at the dataset profile level on the Old Profile.

Security Entries Indicate if you want all security labels, levels and categories of the Old Profile to be transferred.   “Y” is the default.

Command Generation Initiators

Request Parser:TRNDSN

The complete syntax of the Command is:

TRNDSN	Old Dataset Profile
	New Dataset Profile
	[ALDADD('additions to ALD commands')]
	[AT(additions to commands for RRSF)]
	[DATA('new installation data')]
	[DFP | NODFP]
	[NEWVOL(volume of new dataset profile)]
	[NOCHECK | CHECK]
	[OLDVOL(volume of discrete old dataset profile)]
	[ONLYAT(additions to commands for RRSF)]
	[OWN(new profile owner)]
	[PER | NOPER]
	[SEC | NOSEC]

Request Initiator:AATRNDSN

Execution Sample:

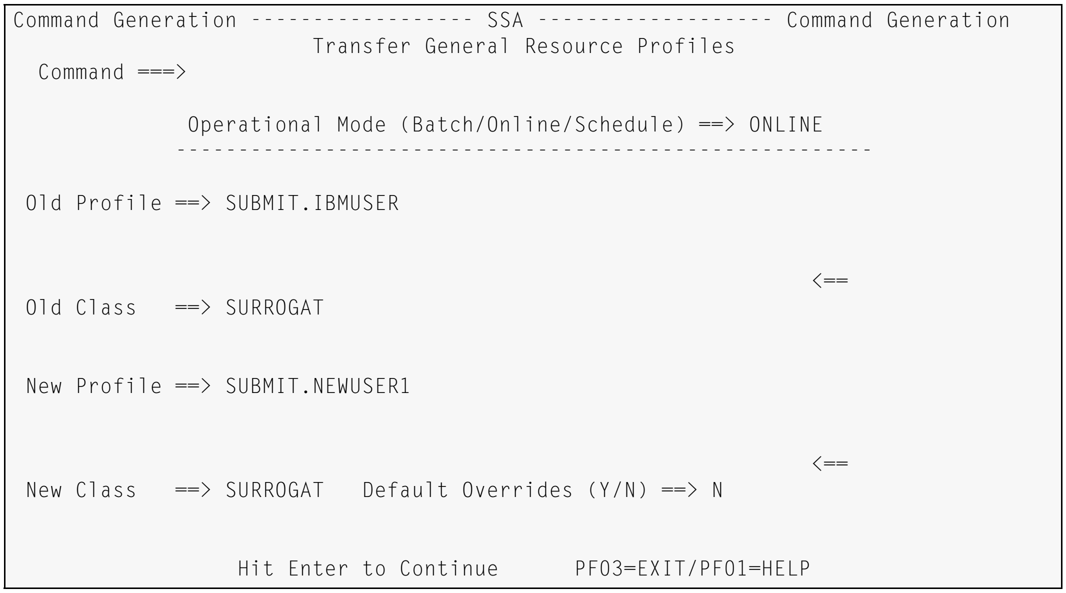
```
//SYSTSIN DD *
TRNDSN SYS1.* NEWSYS1.*
ISPSTART PGM(AATRNDSN)
//*
```

Transfer Dataset Profile Processing Notes

N/A

Transfer General Resource Profiles

The Transfer General Resource Profiles process creates all commands to transfer all or some of one general resource profile to another naming convention based upon your selection criteria.



```
Command Generation ----------------- SSA ------------------ Command Generation
                        Transfer General Resource Profiles
  Command ===>

              Operational Mode (Batch/Online/Schedule) ==> ONLINE
             --------------------------------------------------------

 Old Profile ==> SUBMIT.IBMUSER


                                                                   <==
 Old Class   ==> SURROGAT


 New Profile ==> SUBMIT.NEWUSER1


                                                                   <==
 New Class   ==> SURROGAT   Default Overrides (Y/N) ==> N


                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Old Profile Specify the general resource profile to be transferred. The Old General Resource Profile must be specified. The profile does not need to exist in RACF because the information used for command generation is retrieved from the SSA ISPF tables, however, some commands will fail (i.e., RDELETE).

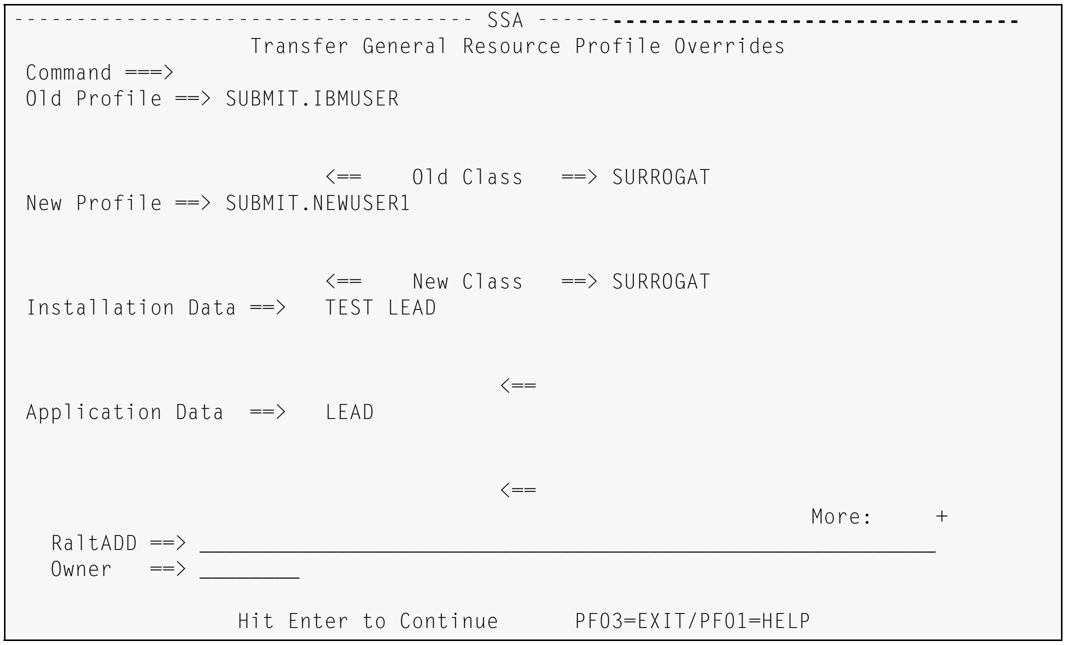
Old Class Specify the general resource class to which the Old Profile is defined. You must specify the Old Class.

New Profile Specify the general resource profile that will be the recipient of the generated commands. The New Profile must be specified and the New Profile should not exist in RACF for all the commands to complete successfully (i.e., RDEFINE).

New Class Specify a New Class to override the Old Class. If you do not specify a New Class, the Old Class will be used.

Default Options Specify “Y” if you want all default options to remain or “N” if you wish to specify options on the override screen. See page 234 for more details.

Transfer General Resource Profile Overrides Option Screen



```
------------------------------------- SSA --------------------------------------
                   Transfer General Resource Profile Overrides
 Command ===>
 Old Profile ==> SUBMIT.IBMUSER


                         <==    Old Class   ==> SURROGAT
 New Profile ==> SUBMIT.NEWUSER1


                         <==    New Class   ==> SURROGAT
 Installation Data ==>   TEST LEAD


                                       <==
 Application Data  ==>   LEAD


                                       <==
                                                                 More:     +
   RaltADD ==> ___________________________________________________________
   Owner   ==> ________

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

If you chose to override the default settings for the transfer general resource profile process, you will be presented with the override screen. Below is a brief explanation of those options; options are in alphabetical order not the order they are displayed on the screen.

Application Data Enter up to 255 characters to override the application data found on the Old Profile.

At Enter a RRSF destination that will be specified on each command generated using the AT parameter.

Check Indicate if you want the existence of the New Profile to be validated before generating commands. If it exists, no RDEFINE command will be generated, however, the remainder of the commands will be generated accordingly. “N” is the default.

DLFDATA Segment
Indicate if you want the DLFDATA segment of the Old Profile to be transferred. “Y” is the default.

Installation Data
Enter up to 255 characters to override the installation data found on the Old Profile.

Members Indicate if you want all members of the Old Profile to be transferred. “Y” is the default.

ONLYAT Enter a RRSF destination that will be specified on each command generated using the ONLYAT parameter.

Permits Indicate if you want all permits of the Old Profile to be transferred. “Y” is the default.

Profile Owner Enter a valid userid or group that will be used to override the transferred profile owner at the general resource profile level on the Old Profile.

RALTADD Enter up to 60 characters that will be added to an RALTER command that follows the initial RDEFINE command if you transferred the entire Old Profile. The data entered is the responsibility of the user and will not be validated by SSA.

RDEFINE Indicate if you want an RDEFINE command to be generated for the New Profile. “Y” is the default.

Security Entries Indicate if you want all security labels, levels and categories of the Old Profile to be transferred. “Y” is the default.

Session Segment

Indicate if you want the SESSION segment of the Old Profile to be transferred. “Y” is the default.

STDATA Segment

Indicate if you want the STDATA (Started Task) segment of the Old Profile to be transferred. “Y” is the default.

SystemView Segment

Indicate if you want the SYSTEMVIEW segment of the Old Profile to be transferred. “Y” is the default.

Command Generation Initiators

Request Parser:TRNRSC

The complete syntax of the Command is:

TRNRSC	Old Resource Profile
	New Resource Profile
	Old Resource Class
	[APPLDATA('new application data')
	[AT(additions to commands for RRSF)]
	[DATA('new installation data')]
	[DLFDATA | NODLFDATA]
	[MEM | NOMEM]
	[NEWCLS(new resource class)]
	[NOCHECK | CHECK]
	[ONLYAT(additions to commands for RRSF)]
	[OWN(new profile owner)]
	[PER | NOPER]
	[RALTADD('additions to RALT commands')]
	[SEC | NOSEC]
	[SESSION | NOSESSION]
	[SYSTEMVIEW | NOSYSTEMVIEW]
	[STDATA | NOSTDATA]

Request Initiator:AATRNRSC

Execution Sample:

```
//SYSTSIN DD *
TRNRSC SUBMIT.IBMUSER -
       SUBMIT.NEWUSER1 -
       SURROGAT
ISPSTART PGM(AATRNRSC)
//*
```

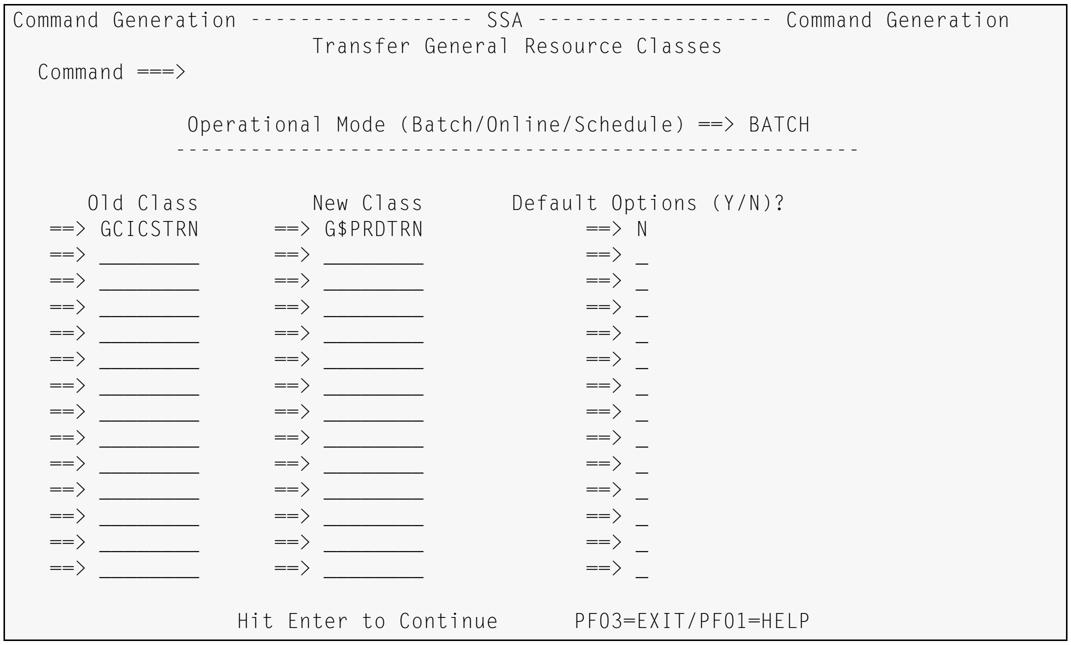
Transfer General Resource Profile Processing Notes

Keep the following in mind when using the Transfer General Resource Profile function:

- AATRNRSC will validate that the request for particular segments are appropriate. The appropriateness of the request is determined by the Old Class and the segment requested. For example, if you requested that the STDATA segment be part of the replication process, yet the New Class you requested was FACILITY, the request for the STDATA segment replication would not be processed. This is important to help maintain a ‘clean’ database by eliminating definitions that have no use insuring that all generated commands are valid.
- If you enter a grouping class profile that has members as the Old Profile and a non-grouping class profile as the New Profile, SSA will still generate the ADDMEM commands for all members found on the Old Profile even though the commands will fail. It is the responsibility of the user to enter appropriate classes.
- If you enter an Old Class and a New Class that have incompatibilities in their CDT definitions, SSA will still generate all commands as requested. It is the responsibility of the user to enter classes that are compatible.

Transfer General Resource Classes

The Transfer General Resource Class process creates all commands to transfer a general resource class to another based upon your selection criteria..



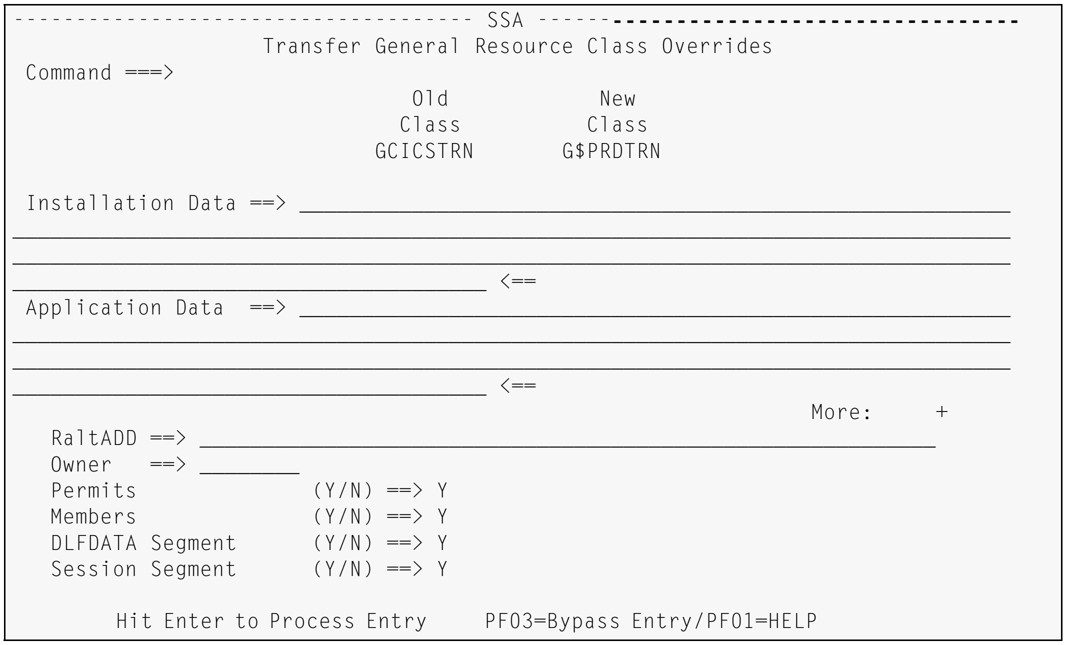
```
Command Generation ------------------ SSA ------------------- Command Generation
                        Transfer General Resource Classes
  Command ===>

             Operational Mode (Batch/Online/Schedule) ==> BATCH
             -------------------------------------------------------


      Old Class          New Class       Default Options (Y/N)?
   ==> GCICSTRN      ==> G$PRDTRN              ==> N
   ==> ________      ==> ________              ==> _
   ==> ________      ==> ________              ==> _
   ==> ________      ==> ________              ==> _
   ==> ________      ==> ________              ==> _
   ==> ________      ==> ________              ==> _
   ==> ________      ==> ________              ==> _
   ==> ________      ==> ________              ==> _
   ==> ________      ==> ________              ==> _
   ==> ________      ==> ________              ==> _
   ==> ________      ==> ________              ==> _
   ==> ________      ==> ________              ==> _
   ==> ________      ==> ________              ==> _
   ==> ________      ==> ________              ==> _

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Old Class Specify the general resource class to be transferred. The Old Class must be specified. The Old Class does not need to exist in RACF because the information used for command generation is retrieved from the SSA ISPF tables, however, all the removal commands will fail.

New Class Specify the general resource class that will be the recipient of the generated commands. The New Class must be specified and must exist in RACF for the generated commands to execute successfully.

Default Options Specify "Y" if you want all default options to remain or "N" if you wish to specify options on the override screen. See page 238 for more details.

Transfer General Resource Class Overrides Option Screen



```
------------------------------------ SSA -----------------------------------
                   Transfer General Resource Class Overrides
 Command ===>
                                     Old            New
                                    Class          Class
                                  GCICSTRN       G$PRDTRN

 Installation Data ==> _______________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________
____________________________________ <==
 Application Data  ==> _______________________________________________________
_____________________________________________________________________________
_____________________________________________________________________________
____________________________________ <==
                                                                More:     +
   RaltADD ==> ________________________________________________________
   Owner   ==> ________
   Permits              (Y/N) ==> Y
   Members              (Y/N) ==> Y
   DLFDATA Segment      (Y/N) ==> Y
   Session Segment      (Y/N) ==> Y

        Hit Enter to Process Entry     PF03=Bypass Entry/PF01=HELP
```

If you chose to override the default settings for the transfer general resource class process, you will be presented with the override screen. Below is a brief explanation of those options; options are in alphabetical order not the order they are displayed on the screen.

Application Data Enter up to 255 characters to override the application data found on the profiles defined to the Old Class.

At Enter a RRSF destination that will be specified on each command generated using the AT parameter.

Check Indicate if you want the existence of the New Class to be validated before generating commands. If it does not exist, no commands will be generated. “N” is the default.

DLFDATA Segment
Indicate if you want the DLFDATA segment found on the profiles defined to the Old Class to be transferred. “Y” is the default.

Installation Data Enter up to 255 characters to override the installation data found on the profiles defined to the Old Class.

Members Indicate if you want all members found on the profiles defined to Old Class to be transferred. “Y” is the default.

ONLYAT Enter a RRSF destination that will be specified on each command generated using the ONLYAT parameter.

Permits Indicate if you want all permits found on the profiles defined to the Old Class to be transferred. “Y” is the default.

Profile Owner Enter a valid userid or group that will be used to override the transferred profile owner at the general resource profile level on the Old Class.

RALTADD: Enter up to 60 characters that will be added to an RALTER command that follows the initial RDEFINE command. The data entered is the responsibility of the user and will not be validated by SSA.

RDEFINE: Indicate if you want an RDEFINE command to be generated for all the profiles in the New Class. “Y” is the default.

Security Entries Indicate if you want all security labels, levels and categories found on the profiles defined to the Old Class to be transferred. “Y” is the default.

Sesssion Segment

Indicate if you want the SESSION segment found on the profiles defined to the Old Class to be transferred. “Y” is the default.

STDATA Segment

Indicate if you want the STDATA (Started Task) segment found on the profiles defined to the Old Class to be transferred. “Y” is the default.

SystemView Segment

Indicate if you want the SYSTEMVIEW segment found on the profiles defined to the Old Class to be transferred. “Y” is the default.

Command Generation Initiators

Request Parser:TRNCLS

The complete syntax of the Command is:s

TRNCLS	Old Resource Class
	New Resource Class
	[APPLDATA('new application data')
	[AT(additions to commands for RRSF)]
	[DATA('new installation data')]
	[DLFDATA | NODLFDATA]
	[MEM | NOMEM]
	[NOCHECK | CHECK]
	[ONLYAT(additions to commands for RRSF)]
	[OWN(new profile owner)]
	[PER | NOPER]
	[RALTADD('additions to RALT commands')]
	[SEC | NOSEC]
	[SESSION | NOSESSION]
	[SYSTEMVIEW | NOSYSTEMVIEW]
	[STDATA | NOSTDATA]

Request Initiator:AATRNCLS

Execution Sample:

```
//SYSTSIN DD *
TRNCLS GCICSTRN G$PRDTRN
ISPSTART PGM(AATRNCLS)
//*
```

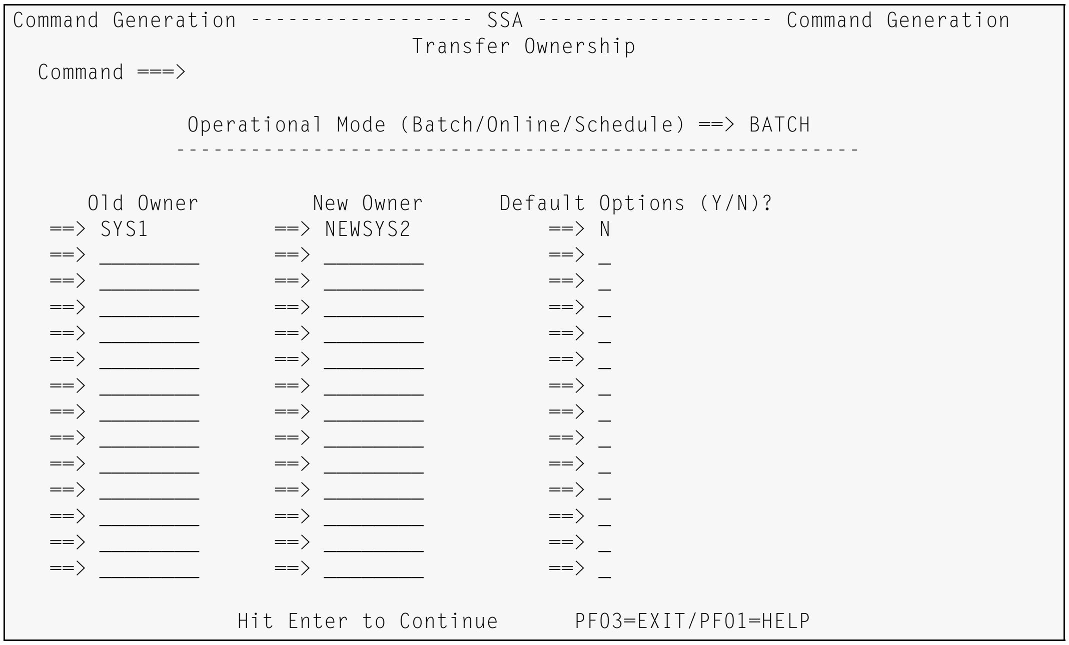
Transfer General Resource Class Processing Notes

Keep the following in mind when using the Transfer General Resource Class function:

- AATRNCLS verifies if the request for particular segments are appropriate. The appropriateness of the request is determined by the Old Class and the segment requested. For example, if you requested that the STDATA segment be part of the replication process, yet the New Class you requested was FACILITY, the request for the STDATA segment replication would not be processed. This is important to help maintain a ‘clean’ database by eliminating definitions that have no use insuring that all generated commands are valid.
- If you enter a grouping class that has members as the Old Class and a non-grouping class as the New Class, SSA will still generate the ADDMEM commands for all members found on the Old Class even though the commands will fail. It is the responsibility of the user to enter appropriate classes.
- If you enter a Old Class and a New Class that have incompatibilities in their CDT definitions, SSA will still generate all commands as requested. It is the responsibility of the user to enter classes that are compatible.

Transfer Ownership

Transfer Ownership creates all commands to transfer ownership of resources to a new owner.



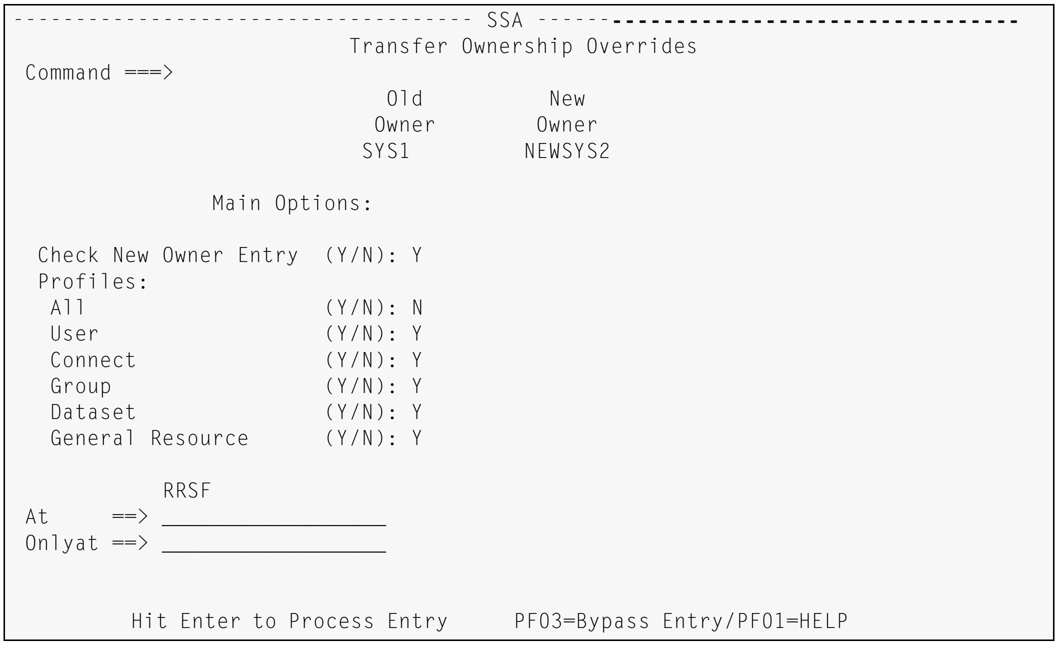
```
Command Generation ----------------- SSA ------------------ Command Generation
                                Transfer Ownership
  Command ===>

              Operational Mode (Batch/Online/Schedule) ==> BATCH
             -------------------------------------------------------

      Old Owner          New Owner       Default Options (Y/N)?
   ==> SYS1          ==> NEWSYS2             ==> N
   ==> ________      ==> ________            ==> _
   ==> ________      ==> ________            ==> _
   ==> ________      ==> ________            ==> _
   ==> ________      ==> ________            ==> _
   ==> ________      ==> ________            ==> _
   ==> ________      ==> ________            ==> _
   ==> ________      ==> ________            ==> _
   ==> ________      ==> ________            ==> _
   ==> ________      ==> ________            ==> _
   ==> ________      ==> ________            ==> _
   ==> ________      ==> ________            ==> _
   ==> ________      ==> ________            ==> _
   ==> ________      ==> ________            ==> _

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Old Owner — Specify the owner to be transferred. The Old Owner must be specified. The Owner does not need to exist in RACF because the information used for command generation is retrieved from the SSA ISPF tables and all ownership is being transferred with alter commands, not delete commands.

New Owner — Specify the userid or group that will be the recipient of the generated commands. The New Owner must be specified and must exist in RACF for the generated commands to execute successfully.

Default Options — Specify “Y” if you want all default options to remain or “N” if you wish to specify options on the override screen. See page 242 for more details.

Transfer Ownership Overrides Option Screen



```
------------------------------------- SSA ---------------------------------
                          Transfer Ownership Overrides
 Command ===>
                             Old          New
                            Owner        Owner
                           SYS1         NEWSYS2

               Main Options:

  Check New Owner Entry  (Y/N): Y
  Profiles:
   All                   (Y/N): N
   User                  (Y/N): Y
   Connect               (Y/N): Y
   Group                 (Y/N): Y
   Dataset               (Y/N): Y
   General Resource      (Y/N): Y

           RRSF
 At     ==> __________________
 Onlyat ==> __________________


          Hit Enter to Process Entry     PF03=Bypass Entry/PF01=HELP
```

If you chose to override the default settings for the transfer ownership process, you will be presented with the override screen. Below is a brief explanation of those options; options are in alphabetical order not the order they are displayed on the screen.

At
Enter a RRSF destination that will be specified on each command generated using the AT parameter.

Check
Indicate if you want the existence of the New Owner to be validated before generating commands. If it does not exist, no profile altering commands will be generated. “N” is the default.

All Profiles
Indicate if you want ownership of all types of ownership to be transferred. If you indicate “N”, the process will default to the individual profile choices. “Y” is the default.

User Profiles
Indicate if you want user profile ownership included in the process. “Y” is the default.

Group Profiles
Indicate if you want group profile ownership included in the process. “Y” is the default.

CONNECT Profiles
Indicate if you want connect profile ownership included in the process. “Y” is the default.

DATASET Profiles
Indicate if you want dataset profile ownership included in the process. “Y” is the default.

General ResourceIndicate if you want general resource profile ownership included in the process. “Y” is the default.

ONLYAT
Enter a RRSF destination that will be specified on each command generated using the ONLYAT parameter.

Command Generation Initiators

Request Parser:TRNOWN

The complete syntax of the Command is:

TRNOWN	Old Owner
	New Owner
	[AT(additions to commands for RRSF)]
	[NOCHECK | CHECK]
	[ONLYAT | ONLYAT]
	[PROFILES ([ALL | USR] [CON | GRP] [DSN | RSC])]

Request Initiator:AATRNOWN

Execution Sample:

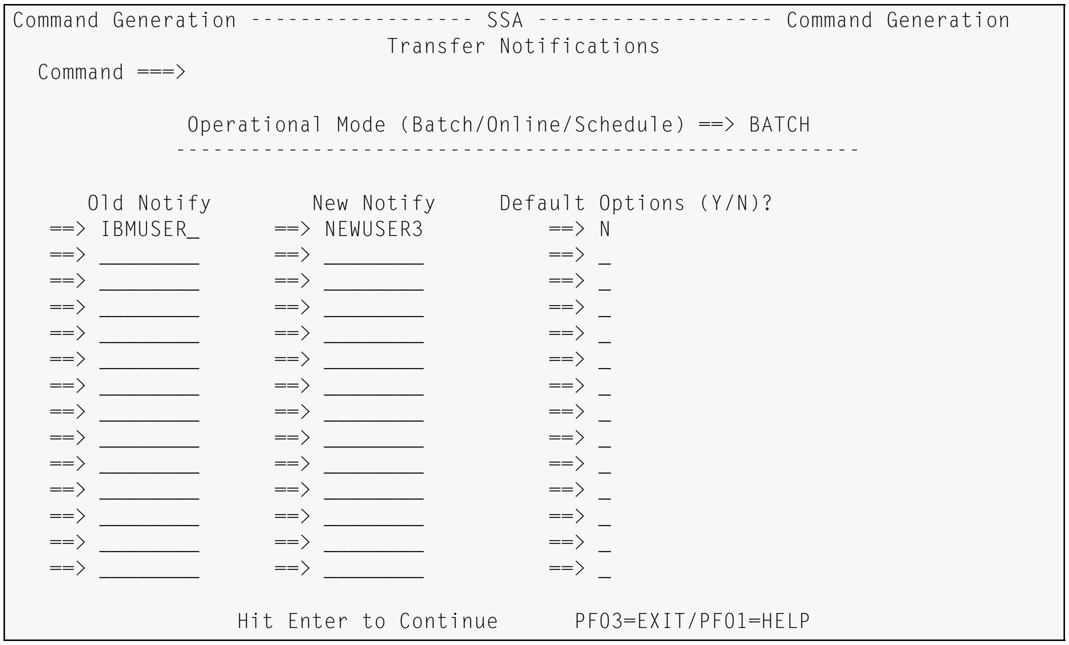
```
//SYSTSIN DD *
TRNOWN SYS1 NEWSYS2
ISPSTART PGM(AATRNOWN)
//*
```

Transfer Ownership Processing Notes

N/A

Transfer Notifications

The Transfer Notifications process will create all the commands to transfer notifications on dataset and general resource profiles from one userid to another.



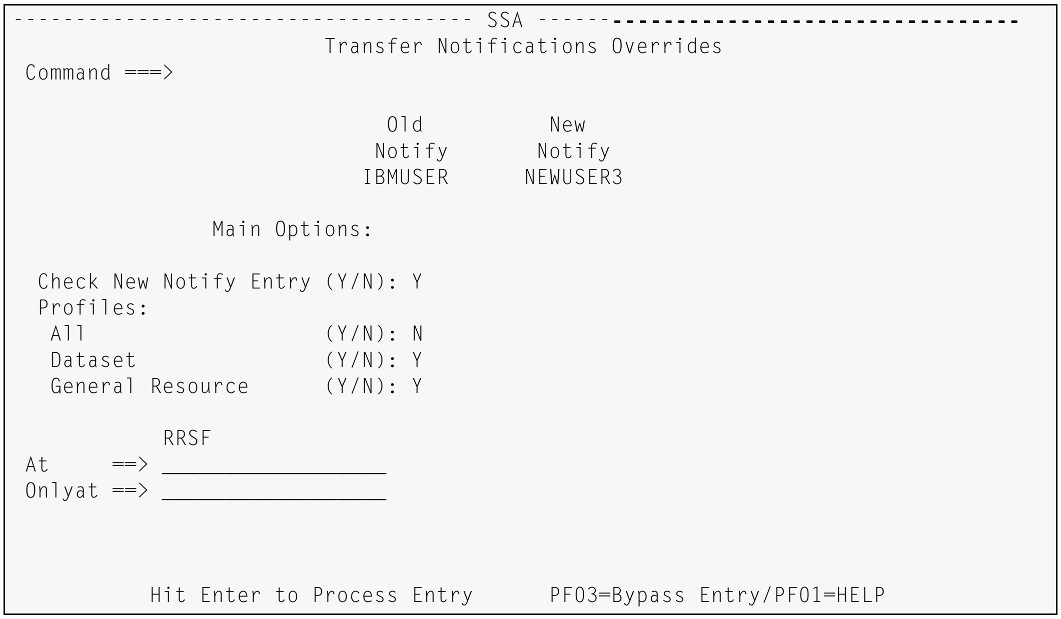
```
Command Generation ----------------- SSA ------------------ Command Generation
                              Transfer Notifications
  Command ===>

              Operational Mode (Batch/Online/Schedule) ==> BATCH
             ------------------------------------------------------

      Old Notify        New Notify     Default Options (Y/N)?
   ==> IBMUSER_      ==> NEWUSER3          ==> N
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _
   ==> ________      ==> ________          ==> _

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Old Notify — Specify the notify entity to be transferred. The Old Notify must be specified. The Old Notify does not need to exist in RACF because the information used for command generation is retrieved from the SSA ISPF tables and all notifications are being transferred with only alter commands, not delete commands that would effect the Old Notify.

New Notify — Specify the userid that will be the recipient of the generated commands. You can also specify NONOTIFY which will cause NONOTIFY commands to be generated instead of transfer notifications to the New Notify. If you enter a New Notify to transfer the notifications to, the New Notify must exist in RACF for the generated commands to execute successfully. If you leave the entry blank, NONOTIFY will be used.

Default Options — Specify “Y” if you want all default options to remain or “N” if you wish to specify options on the override screen. See page 245 for more details.

Transfer Nofifications Overrides Option Screen



```
------------------------------------- SSA ---------------------------------------
                         Transfer Notifications Overrides
 Command ===>

                              Old         New
                             Notify      Notify
                            IBMUSER     NEWUSER3

                Main Options:

  Check New Notify Entry (Y/N): Y
  Profiles:
   All                   (Y/N): N
   Dataset               (Y/N): Y
   General Resource      (Y/N): Y

            RRSF
 At     ==> __________________
 Onlyat ==> __________________



           Hit Enter to Process Entry      PF03=Bypass Entry/PF01=HELP
```

If you chose to override the default settings for the transfer notifications process, you will be presented with the override screen. Below is a brief explanation of those options; options are in alphabetical order not the order they are displayed on the screen.

AT — Enter a RRSF destination that will be specified on each command generated using the AT parameter.

Check — Indicate if you want the existence of the New Notify to be validated as being a valid existing userid before generating commands. If it does not exist, no profile altering commands will be generated. “N” is the default.

All Profiles — Indicate if you want all notifications on all types of profiles transferred. If you indicate “N”, the process will default to the individual profile choices.   “Y” is the default.

Dataset Profiles — Indicate if you want dataset profile notifications included in the process. “Y” is the default.

General Resource

Indicate if you want general resource profile notifications included in the process. “Y” is the default.

ONLYAT — Enter a RRSF destination that will be specified on each command generated using the ONLYAT parameter.

Command Generation Initiators

Request Parser:TRNNTF

The complete syntax of the Command is:

TRNNTF	Old Notify
	[AT(additions to commands for RRSF)]
	[NEWNTF(new notify)]
	[NOCHECK | CHECK]
	[NONOTIFY]
	[ONLYAT(additions to commands for RRSF)]
	[PROFILES ([ALL | DSN | RSC])

Request Initiator:AATRNNTF

Execution Sample:

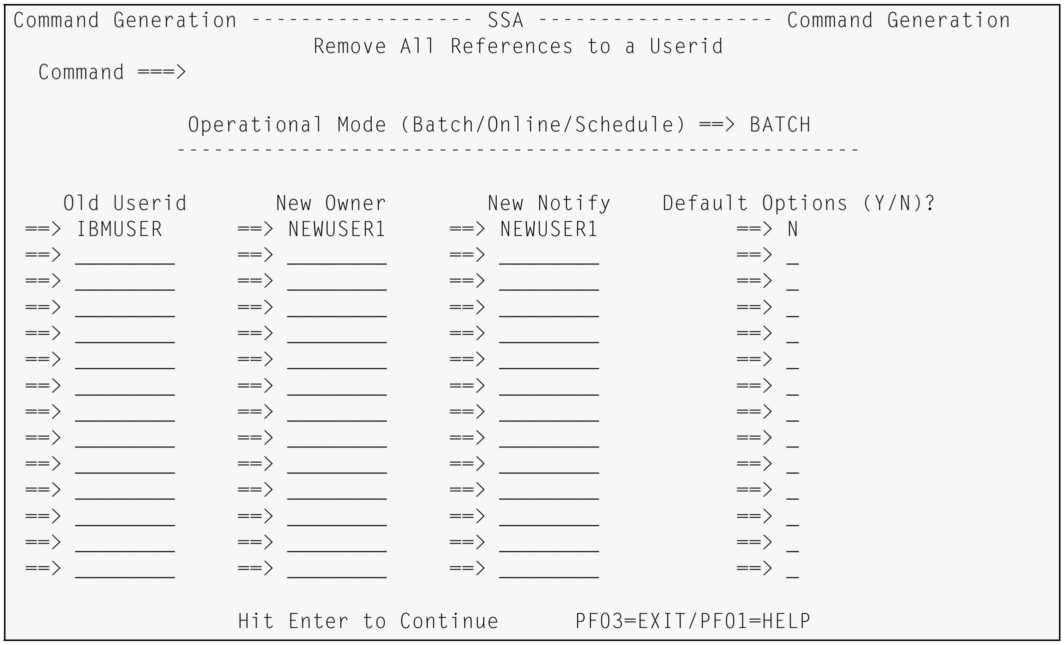
```
//SYSTSIN DD *
TRNNTF IBMUSER NEWNTF(NEWUSER3)
ISPSTART PGM(AATRNNTF)
//*
```

Transfer Nofifications Processing Notes

N/A

Remove All References to a Userid

Remove All References to a Userid creates all commands to remove all references of a userid.



```
Command Generation ------------------ SSA ------------------- Command Generation
                        Remove All References to a Userid
  Command ===>

             Operational Mode (Batch/Online/Schedule) ==> BATCH
            -------------------------------------------------------

    Old Userid       New Owner        New Notify     Default Options (Y/N)?
 ==> IBMUSER      ==> NEWUSER1     ==> NEWUSER1               ==> N
 ==> ________     ==> ________     ==> ________               ==> _
 ==> ________     ==> ________     ==> ________               ==> _
 ==> ________     ==> ________     ==> ________               ==> _
 ==> ________     ==> ________     ==> ________               ==> _
 ==> ________     ==> ________     ==> ________               ==> _
 ==> ________     ==> ________     ==> ________               ==> _
 ==> ________     ==> ________     ==> ________               ==> _
 ==> ________     ==> ________     ==> ________               ==> _
 ==> ________     ==> ________     ==> ________               ==> _
 ==> ________     ==> ________     ==> ________               ==> _
 ==> ________     ==> ________     ==> ________               ==> _
 ==> ________     ==> ________     ==> ________               ==> _
 ==> ________     ==> ________     ==> ________               ==> _

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

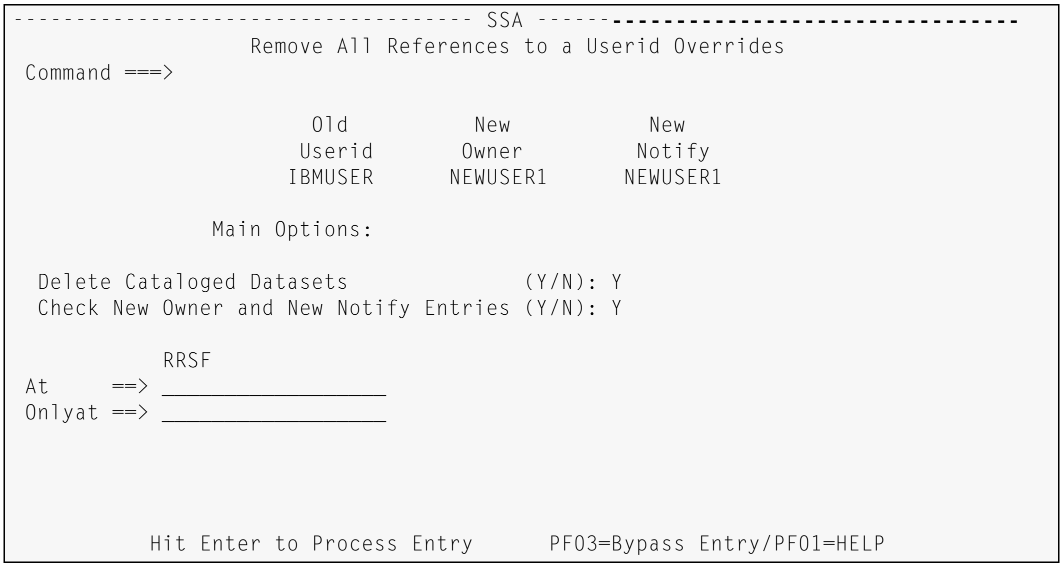
Old Userid — Specify the Old Userid to be removed. The profile does not need to exist in RACF because the information used for command generation is retrieved from the SSA ISPF tables, however, some of the commands will fail (i.e., DELUSER).

New Owner — Specify the userid or group that will be the recipient of the generated commands to transfer ownership. The New Owner must exist in RACF for the generated commands to execute successfully.

New Notify — Specify the userid that will be the recipient of the generated commands to transfer notifications. You can also specify NONOTIFY which will cause NONOTIFY commands to be generated instead of transfer notifications to the New Notify. If you enter a New Notify to transfer the notifications to, the New Notify must exist in RACF for the generated commands to execute successfully.

Default Options — Specify “Y” if you want all default options to remain or “N” if you wish to specify options on the override screen. See page 248 for more details.

Remove All References to a Userid Overrides Option Screen



```
------------------------------------ SSA --------------------------------
                  Remove All References to a Userid Overrides
Command ===>

                       Old          New           New
                      Userid       Owner         Notify
                      IBMUSER      NEWUSER1      NEWUSER1

               Main Options:

 Delete Cataloged Datasets              (Y/N): Y
 Check New Owner and New Notify Entries (Y/N): Y

           RRSF
At      ==> __________________
Onlyat  ==> __________________




          Hit Enter to Process Entry      PF03=Bypass Entry/PF01=HELP
```

If you chose to override the default settings for the remove all references to a userid process, you will be presented with the override screen. Below is a brief explanation of those options; options are in alphabetical order not the order they are displayed on the screen.

At
: Enter a RRSF destination that will be specified on each command generated using the AT parameter.

Check
: Indicate if you want the existence of the New Owner and New Notify to be validated. The New Notify will be validated as a valid userid. If they do not exist, no profile altering commands will be generated. “N” is the default.

Delete Cataloged Datasets
: Indicate if you want all physical datasets where the user is the HLQ to be deleted. “N” is the default.

ONLYAT
: Enter a RRSF destination that will be specified on each command generated using the ONLYAT parameter.

Command Generation Initiators

Request Parser:REMUSR

The complete syntax of the Command is:

REMUSR	New Owner
	[AT(additions to commands for RRSF)]
	[CATDSN | NOCATDSN]
	[NEWNTF(new notify)]
	[NOCHECK | CHECK]
	[NONOTIFY]
	[ONLYAT(additions to commands for RRSF)]

Request Initiator:AAREMUSR

Execution Sample:

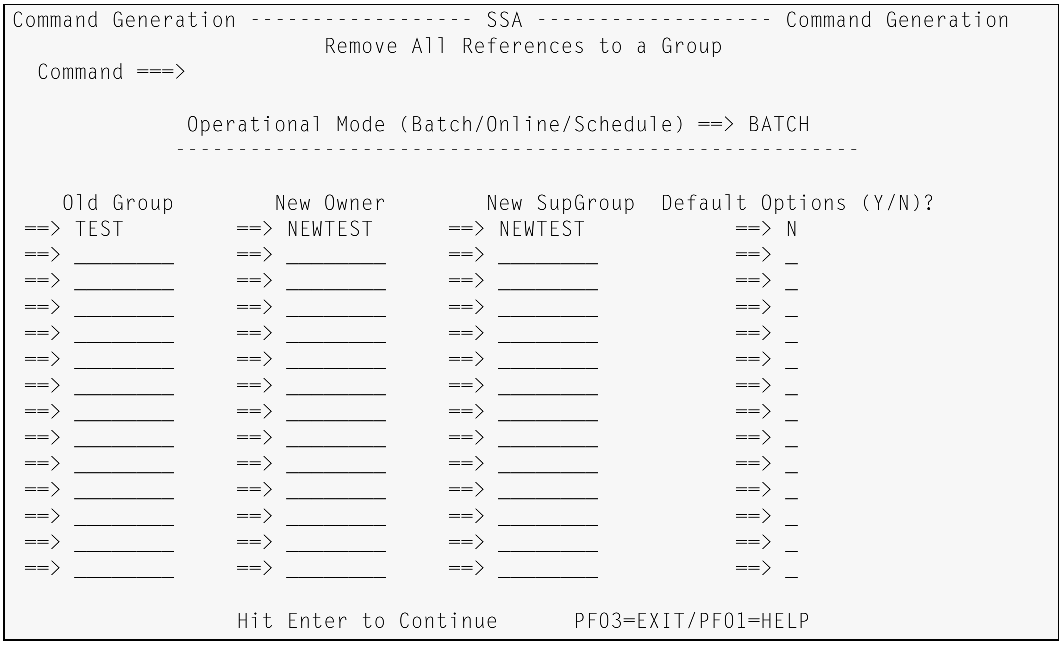
```
//SYSTSIN DD *
REMUSR IBMUSER NEWUSER1
ISPSTART PGM(AAREMUSR)
//*
```

Remove All References to a Userid Processing Notes

Keep the following in mind when using the Remove all References to a Userid function: The process can produce delete commands for catalog datasets where the userid is the HLQ. VSAM and tape datasets are not included in the process. Review the generated commands carefully before submitting them.

Remove All References to a Group

Remove All References to a Group will create all the commands to remove all references of a group.



```
Command Generation ------------------ SSA ------------------- Command Generation
                         Remove All References to a Group
  Command ===>

              Operational Mode (Batch/Online/Schedule) ==> BATCH
             -------------------------------------------------------

    Old Group        New Owner        New SupGroup  Default Options (Y/N)?
 ==> TEST         ==> NEWTEST      ==> NEWTEST            ==> N
 ==> ________     ==> ________     ==> ________           ==> _
 ==> ________     ==> ________     ==> ________           ==> _
 ==> ________     ==> ________     ==> ________           ==> _
 ==> ________     ==> ________     ==> ________           ==> _
 ==> ________     ==> ________     ==> ________           ==> _
 ==> ________     ==> ________     ==> ________           ==> _
 ==> ________     ==> ________     ==> ________           ==> _
 ==> ________     ==> ________     ==> ________           ==> _
 ==> ________     ==> ________     ==> ________           ==> _
 ==> ________     ==> ________     ==> ________           ==> _
 ==> ________     ==> ________     ==> ________           ==> _
 ==> ________     ==> ________     ==> ________           ==> _
 ==> ________     ==> ________     ==> ________           ==> _

                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

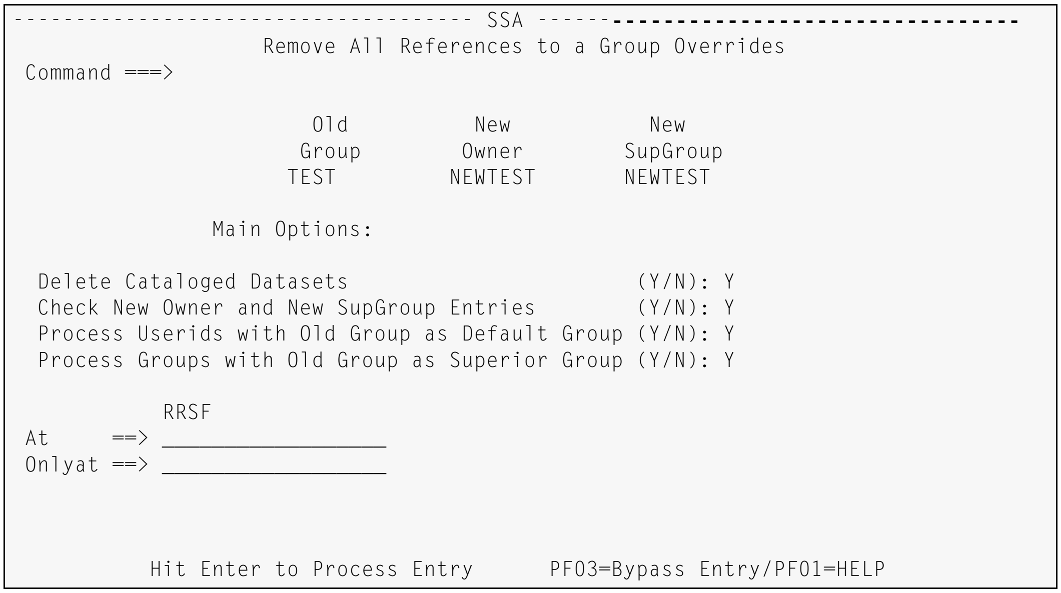
Old Group Specify the Old Group to be removed. The profile does not need to exist in RACF because the information used for command generation is retrieved from the SSA ISPF tables, however, some of the commands will fail (i.e., DELGROUP).

New Owner Specify the userid or group that will be the recipient of the generated commands to transfer ownership. The New Owner must exist in RACF for the generated commands to execute successfully.

New Supgroup Specify a group that will be used to replace all occurrences where the Old Group was the superior group of another group. The New Superior Group must exist in RACF for the generated commands to execute successfully.

Default Options Specify “Y” if you want all default options to remain or “N” if you wish to specify options on the override screen. See page 251 for more details.

Remove All References to a Group Overrides Option Screen



```
------------------------------------- SSA ---------------------------------------
                    Remove All References to a Group Overrides
 Command ===>

                        Old          New           New
                       Group        Owner        SupGroup
                      TEST         NEWTEST       NEWTEST

                Main Options:

  Delete Cataloged Datasets                       (Y/N): Y
  Check New Owner and New SupGroup Entries        (Y/N): Y
  Process Userids with Old Group as Default Group (Y/N): Y
  Process Groups with Old Group as Superior Group (Y/N): Y

            RRSF
 At     ==> __________________
 Onlyat ==> __________________



           Hit Enter to Process Entry      PF03=Bypass Entry/PF01=HELP
```

If you chose to override the default settings for the remove all references to a group process, you will be presented with the override screen. Below is a brief explanation of those options; options are in alphabetical order not the order they are displayed on the screen.

At
: Enter a RRSF destination that will be specified on each command generated using the AT parameter.

Check
: Indicate if you want the existence of the New Owner and New Superior Group to be validated before generating commands. If they do not exist, no profile altering commands will be generated. “N” is the default.

Delete Cataloged Datasets
: Indicate if you want all physical datasets where the group is the HLQ to be deleted. “N” is the default.

ONLYAT
: Enter a RRSF destination that will be specified on each command generated using the ONLYAT parameter.

Process Userids with Old Group as Default Group
: Indicate if you want userids, whose default group is the group being removed, to be changed from that default group to the group specified as the superior group. “Y” is the default.

Process Groups with Old Group as Superior Group
: Indicate if you want groups, whose superior group is the group being removed, to be changed from that superior group to the group specified as the superior group. “Y” is the default.

Command Generation Initiators

Request Parser:REMGRP

The complete syntax of the Command is:

REMGRP	Group to Remove
	Replacement Group
	Replacement Owner
	[AT(additions to commands for RRSF)]
	[CATDSN | NOCATDSN]
	[DFLCHK | NODFLCHK]
	[GRPCHK | NOGRPCHK]
	[NOCHECK | CHECK]
	[ONLYAT(additions to commands for RRSF)]

Request Initiator:AAREMGRP

Execution Sample:

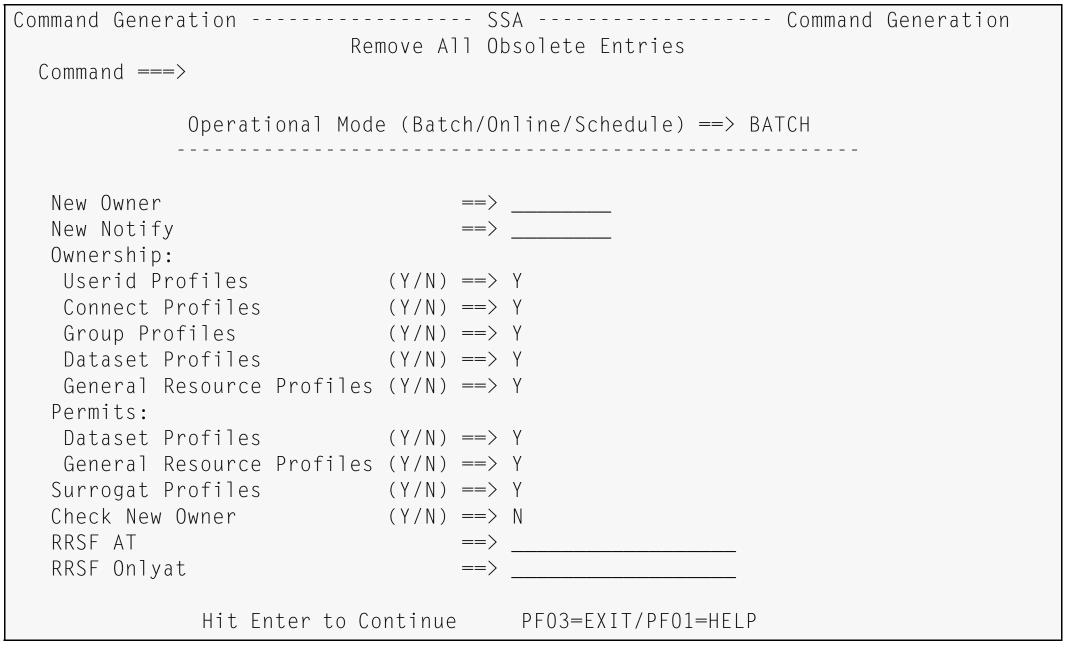
```
//SYSTSIN DD *
  REMGRP TEST NEWTEST NEWTEST
  ISPSTART PGM(AAREMGRP)
//*
```

Remove All References to a Group Processing Notes

Keep the following in mind when using the Remove all References to a Group function: The process can produce delete commands for catalog datasets where the group is the HLQ. VSAM and tape datasets are not included in the process. Review the generated commands carefully before submitting them.

Remove All Obsolete Entries

The Remove All Obsolete Entries process creates all commands to remove obsolete access list entries, notify entries, ownership entries, and SURROGAT class entries.



```
Command Generation ------------------ SSA ------------------- Command Generation
                           Remove All Obsolete Entries
  Command ===>

              Operational Mode (Batch/Online/Schedule) ==> BATCH
             -------------------------------------------------------


   New Owner                        ==> ________
   New Notify                       ==> ________
   Ownership:
    Userid Profiles           (Y/N) ==> Y
    Connect Profiles          (Y/N) ==> Y
    Group Profiles            (Y/N) ==> Y
    Dataset Profiles          (Y/N) ==> Y
    General Resource Profiles (Y/N) ==> Y
   Permits:
    Dataset Profiles          (Y/N) ==> Y
    General Resource Profiles (Y/N) ==> Y
   Surrogat Profiles          (Y/N) ==> Y
   Check New Owner            (Y/N) ==> N
   RRSF AT                          ==> __________________
   RRSF Onlyat                      ==> __________________

               Hit Enter to Continue     PF03=EXIT/PF01=HELP
```

New Owner Specify a userid or group that will be the recipient of any commands generated to correct obsolete ownership entries. You must enter the New Owner and it is recommended that you specify a group. The New Owner must exist or the generated commands will fail.

New Notify Specify a userid that will be the recipient of any commands generated to correct obsolete notification entries. The New Notify is optional; if not specified the process will default to NONOTIFY which will remove all the obsolete notifications.

At Enter a RRSF destination that will be specified on each command generated using the AT parameter.

Check Indicate if you want the existence of the New Owner to be validated before generating commands. If it does not exist, no profile altering commands will be generated. “N” is the default.

Ownership - User Profiles

Indicate if you want user profile ownership included in the process. “Y” is the default.

Ownership - Group Profiles

Indicate if you want group profile ownership included in the process. “Y” is the default.

Ownership - Connect Profiles

Indicate if you want connect profile ownership included in the process. “Y” is the default.

Ownership - Dataset Profiles
Indicate if you want dataset profile ownership included in the process. “Y” is the default.

Ownership - General Resource Profiles
Indicate if you want general resource profile ownership included in the process. “Y” is the default.

ONLYAt Enter a RRSF destination that will be specified on each command generated using the ONLYAT parameter.

Permits - Dataset Profiles
Indicate if you want dataset profile permissions included in the process. “Y” is the default.

Permits - General Resource Profiles
Indicate if you want general resource profile permissions included in the process. “Y” is the default.

SURROGAT ProfilesIndicate if you want SURROGAT profiles included in the process. “Y” is the default.

Command Generation Initiators

Request Parser:CLEAN

The complete syntax of the Command is:

CLEAN	Replacement Owner
	[AT(additions to commands for RRSF)]
	[NEWNTF(new notify)]
	[NOCHECK | CHECK]
	[NONOTIFY]
	[OWN ([ALL | NONE] [USR, CON, GRP, DSN, RSC])]
	[ONLYAT(additions to commands for RRSF)]
	[PER ([ALL | NONE] [DSN, RSC])]
	[SURROGAT | NOSURROGAT]

Request Initiator:AACLEAN

Execution Sample:

```
//SYSTSIN DD *
CLEAN NEWOWN NEWNTF(NEWNTF)
ISPSTART PGM(AACLEAN)
//*
```

Processing Notes

N/A

Chapter 6 The SCHEDULER

Security administrators need an automated facility to submit requests and update profiles at designated intervals. Because of security implications associated with typical schedulers, administrator are obligated to monitor requests and updates. Security administrators also need a facility to manually enter and submit requests and updates. A scheduling facility would prove useful as a request system interface that handles decentralized security for administrators, coordinators, and auditors.

The SCHEDULER meets these requirements and more. Below is a list of its capabilities and their applications:

- The SCHEDULER is a automated system with a started task at the core of the facility. The task verifies and submits requests entered by all users and administrators. The task automatically scans and submits verified scheduled requests.
- The SCHEDULER started task can submit requests with its own authority, or the authority of the requester. Requests to run with the authority of the task must receive the proper approval.
- Submitting requests is controlled by RACF. The ability to approve, view, and deny those requests is also controlled by RACF.
- Users can enter requests that are beyond their ‘regular’ RACF authority to run under the tasks authority which can be approved or denied by an administrator. This allows the administrator to decentralize functions without giving the user the actual authority that might have been necessary to perform the request.
- The SCHEDULER submits any form of JCL or TSO command, therefore, you can schedule non-RACF related events as well.

The SCHEDULER Global Conventions:

Through-out the SSA product and manual there are several "global" conventions that occur. For The SCHEDULER, the following conventions apply:

Security: All of The SCHEDULER features are protected based upon the ability to enter a request and your user or administrator status. To enter a request, regardless of which option you use, you must have READ access to the default security profile SSA.SCHEDULE.GENERAL in the default RACF general resource class is MAA$RULE. See “ Update Stored Configurations” on page 521 on changing the default protecting class or profile if you want to change them.

When you enter a request into The SCHEDULER, you are asked if you want to run the job or commands with your authority or the authority of The SCHEDULER task. If you request the job or commands to run with your authority, the request is inputted with no checking since it is your authority that will be used to run the scheduled entry, however, if you request that the job or commands are to be run with the authority of the started task, SSA will check if you are an user or administrator. If you are an user, the request is inputted and marked as needing approval. If you are an administrator, the request is inputted and marked as approved to run; no further approval is necessary for that request.

All requests marked for approval can only be approved by an user with SSA administrator status. All other functions, Modify, Reschedule, etc. are geared toward the user initiating the function not the status of the user. For example, Bob can only modify scheduled events scheduled by Bob. Joe, an administrator, can not modify the scheduled event, only approve, view or deny if the request is in need of approval.

Started Task: The SCHEDULER started task must run with a RACF userid, preferably the same name as the proc supplies - AASTC01. If the started task is going to be called upon to submit jobs under its own authority, you must insure that the started task has sufficient authority to successfully run the requests scheduled. It is recommended that the started task be given Global-Special and whatever dataset authority the administrator deems appropriate. This is a issue that is shop specific and should be given sufficient consideration.

Note: The started task does not need to run privileged or trusted to perform all of its functions.

SURROGAT: When an approved request is to be run with the started tasks authority, the started task places a USER= entry into the jobcard of the scheduled event. In order for the started task to successfully submit the entry, it must be permitted to do so. Therefore, the started task must be permitted to profile(s) in the SURROGAT class for every user entering requests that are to be run with the started tasks authority. This applies for both users and administrators. Below is an example of a SURROGAT definition and permission.

SURROGAT Sample

```
RDEFINE SURROGAT IBMUSER.SUBMIT OW(SYS1) UACC(NONE)-
     DATA(‘SURROGAT PROFILE FOR USER=IBMUSER’)
PERMIT IBMUSER.SUBMIT CLASS(SURROGAT) ID(AASTC01) -
     ACCESS(READ)
```

Note: Be sure to consult the *RACF (or z/OS) Security Administrator’s Guide* - Allowing Surrogate Job Submission section for details on permitting a userid to submit jobs on the behalf of another userid. Once again, this is a shop specific issue and needs to be given sufficient consideration.

Administrator and User Authority

It is important to understand the differences between administrator and user authority in regard to scheduled events. The following table lists scheduler functions and the corresponding administrator and user authority for that function.

Function	User	Administrator
Enter Scheduled Item	Authorized if permitted to scheduler profile	Authorized if permitted to scheduler profile
Run Scheduled Item Under Started Tasks Authority	Authorized if permitted to scheduler profile Item must have administrator approval	Authorized if permitted to scheduler profile Item does not require approval; will run as scheduled
Modify an Existing Item	Authorized if permitted to scheduler profile Can only be an item entered by modifier	Authorized if permitted to scheduler profile Can only be an item entered by modifier
Reschedule or Cancel an Item	Authorized if permitted to scheduler profile Can only be an item entered by modifier	Authorized if permitted to scheduler profile Can only be an item entered by modifier
Report on Schedule or Historical Items	Authorized if permitted to scheduler profile Can only be an item entered by user initiating report	Authorized if permitted to scheduler profile Can be either only those items entered by user initiating report or all entries
Approve Item	Not authorized	Authorized if permitted to scheduler profile Authorized to approve all items requiring approval

Schedule Entry Input Screen

When a request is made to schedule JCL or commands, the user is presented with the Entry Input screen shown in the following figure. There are variations to the Entry Input screen. The variation is the inclusion of a type determiner. When the Entry Input screen appears, you can enter the following:

Scheduled Date Enter the month, day, and year you want the scheduled item to run on. You can enter a date in the past, which would cause the item to be run as soon as it was approved or entered by an administrator and the started task reviewed it.

Scheduled Time Enter the hour and minute you want the item scheduled to run at. You can enter any valid time. If the time is past in conjunction with the scheduled date, the item will run as soon as it was approved or entered by an administrator and the started task reviewed it. The time used is military time which ranges from 0001 to 2400.

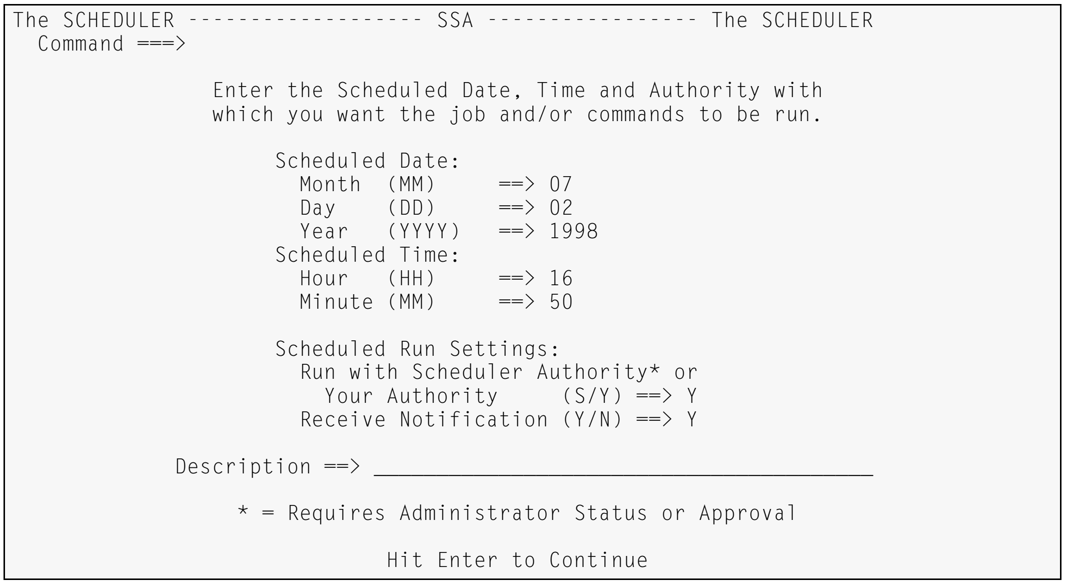
Run With Schedulers Authority or Your Authority

Indicate if you want the item to run with the authority of the started task, or your authority. If you indicate your authority, the started task will SURROGATE authority to submit the job/commands on your behalf. If you indicate the started tasks authority, the task will submit the job/commands normally using its userids authority.

Receive Notification

Indicate if you want the started task to send a message indicating that a job was submitted at your request.

Description Enter up to a 40-character description of the scheduled job or commands. It is important to note from a users perspective that the description serves as the initial description/indication that the administrator sees when approving or denying the request (if approval is required).



```
The SCHEDULER ------------------ SSA ----------------- The SCHEDULER
  Command ===>

                Enter the Scheduled Date, Time and Authority with
                which you want the job and/or commands to be run.

                     Scheduled Date:
                       Month  (MM)     ==> 07
                       Day    (DD)     ==> 02
                       Year   (YYYY)   ==> 1998
                     Scheduled Time:
                       Hour   (HH)     ==> 16
                       Minute (MM)     ==> 50

                     Scheduled Run Settings:
                       Run with Scheduler Authority* or
                         Your Authority     (S/Y) ==> Y
                       Receive Notification (Y/N) ==> Y

             Description ==> ________________________________________

                  * = Requires Administrator Status or Approval

                              Hit Enter to Continue
```

Started Task Interface

The SCHEDULER started task must be running to process scheduled items. The task can be started with the following operator command:

```
S AASTC01
```

Upon starting, The SCHEDULER started task issues a WTOR (Write To OPERATOR with Reply) that allows an operator to instruct the task to perform various functions. Below is a sample of the WTOR and the possible replies to the WTOR.

WTOR Sample

```
*44 AASTC01 ENTER VALID SSA SCHEDULE FACILITY COMMAND
```

WTOR Replies

A

Instructs the started task to archive all completed tasks to the historical file. The started task does not process any requests until the archival process is complete. When the started task archives the completed items, it produces a report detailing what was archived. The report contains all information concerning the completed items with the exception of the actual JCL or commands that were in the request. The report is put out to DD AAHSTLOG on the started task job.

When completed, the following messages are displayed:

```
AASTC50 ARCHIVAL TASK IN PROGRESS
AASTC51 ARCHIVAL TASK COMPLETED NORMALLY
```

D

Instructs the started task to display the current WAKEUP, SCAN, and HISTORY interval. The WAKEUP value dictates at what time interval will the started task ‘WAKEUP’ and check if any response to its WTOR has been entered. The SCAN value dictates how often the started task scans The SCHEDULER database for scheduled items. The HISTORY interval indicates how long the started task waits before archiving a completed task. The output from the display command is as follows:

```
AASTC02 SCAN INTERVAL:   00 HRS 01 MINS 00 SECS
AASTC02 WAKEUP INTERVAL: 00 HRS 00 MINS 30 SECS
AASTC02 HISTORY RETAIN:  007 DAYS
```

M

Instructs the started task to display all WTOR responses available. The output from the display command is as follows:

```
AASTC03  VALID SSA SCHEDULER REPLIES:
AASTC03  REPLY A TO ARCHIVE COMPLETED TASKS
AASTC03  REPLY D TO DISPLAY CURRENT OPTIONS
AASTC03  REPLY P TO PURGE ARCHIVE FILE
AASTC03  REPLY S TO START DATABASE SCAN IMMEDIATELY
AASTC03  REPLY T TO TERMINATE THE STARTED TASK
AASTC03  REPLY U TO UPDATE TASK OPTIONS
```

P

Instructs the started task to purge the archived records from the historical database. The started task will not process any requests until the purging process is complete. When the started task purges the archived items, it produces a report detailing what was purged. The report contains all information concerning the completed items including the actual JCL or commands that were in the request. The report is put out to DD AAPRGLOG on the started task job. When the purge is completed the following messages are displayed:

```
AASTC60 HISTORY PURGE IN PROGRESS
AASTC61 HISTORY PURGE COMPLETED NORMALLY
```

S Instructs the started task immediately upon WAKEUP and receiving this WTOR response to scan the database regardless of the scan interval setting.

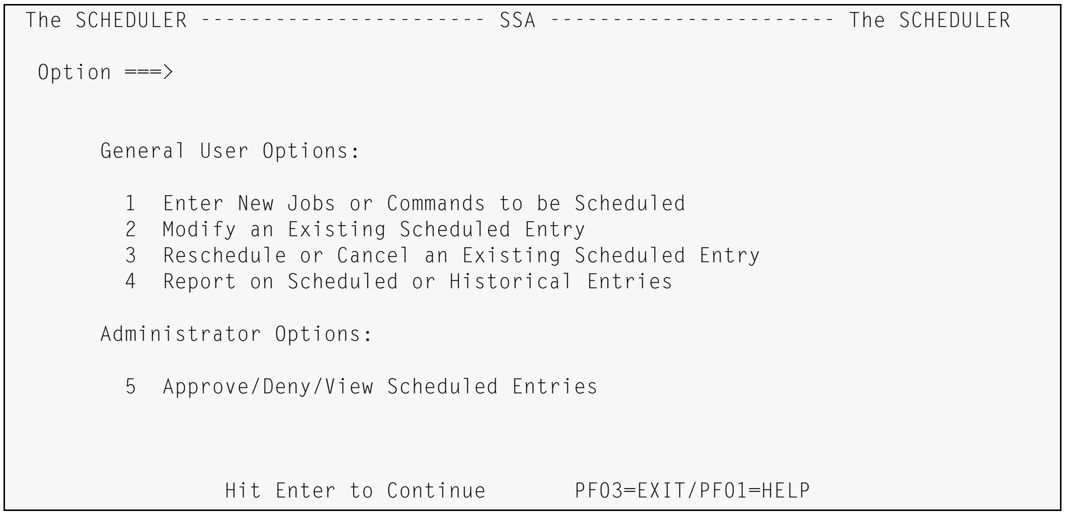
T Instructs the started task to terminate. This is the recommended method of shutting down the started task. If you cancel the started task, you will receive VSAM errors upon its subsequent startup. Issuing a “T” insures data integrity and a ‘normalized’ shutdown process. Upon a ‘normal’ shutdown the following message is displayed:

```
AASTC40   STARTED TASK COMPLETED NORMALLY
```

U Instructs the started task to update its WAKEUP, SCAN and HISTORY settings. This needs to only be done after the options have been changed via configuration option 4. It is important to note that the started task retrieves these settings only upon startup or when it is instructed to. Once retrieved, the started task will display the new settings in the same format as the ‘D’ response to the WTOR.

The SCHEDULER Main Menu

The SCHEDULER Main Menu provides screen options to enter modify, report, or approve scheduled events. Screen options are described beneath the example of the Main Menu.



```
The SCHEDULER ---------------------- SSA ---------------------- The SCHEDULER

 Option ===>


      General User Options:

        1  Enter New Jobs or Commands to be Scheduled
        2  Modify an Existing Scheduled Entry
        3  Reschedule or Cancel an Existing Scheduled Entry
        4  Report on Scheduled or Historical Entries

      Administrator Options:

        5  Approve/Deny/View Scheduled Entries



                Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

- Enter New Jobs or Commands to be Scheduled

  This option allows an user or administrator to enter new scheduled entries consisting of either a job or commands.

- Modify an Existing Scheduled Entry

  This option allows an user or administrator to modify a scheduled entry that they entered into the system. A user is only allowed to view and modify their entries.

- Reschedule or Cancel an Existing Scheduled Entry

  This option allows an user or administrator to reschedule or cancel a scheduled entry that they entered into the system. A user is only allowed to view or modify their entries.

- Report on Scheduled or Historical Entries

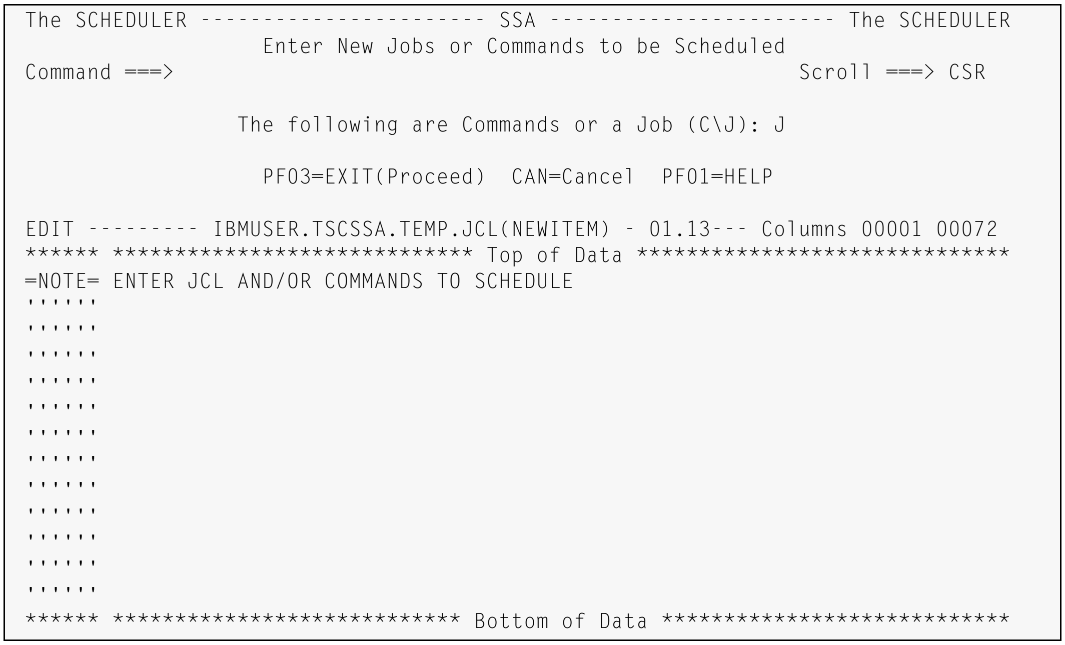
  This option allows an user or administrator to report on scheduled or historical entries that they entered into the system. A user can only report on their own entries, however, an administrator has a choice of their own entries only or all entries.

- Approve/Deny/View Scheduled Events

  This option is available to administratorS only and allows them to approve, deny or view those scheduled entries requiring approval, namely, those items scheduled by users who have requested that the entry run with the started tasks authority and not theirs.

Enter New Jobs or Commands to be Scheduled

This SCHEDULER option opens an edit session to enter a new entry to be scheduled. Screen fields are described beneath the example of edit screen.



```
The SCHEDULER ---------------------- SSA ---------------------- The SCHEDULER
                  Enter New Jobs or Commands to be Scheduled
Command ===>                                                 Scroll ===> CSR

                The following are Commands or a Job (C\J): J

                  PF03=EXIT(Proceed)  CAN=Cancel  PF01=HELP

EDIT --------- IBMUSER.TSCSSA.TEMP.JCL(NEWITEM) - 01.13--- Columns 00001 00072
****** **************************** Top of Data *****************************
=NOTE= ENTER JCL AND/OR COMMANDS TO SCHEDULE
''''''
''''''
''''''
''''''
''''''
''''''
''''''
''''''
''''''
''''''
''''''
''''''
****** *************************** Bottom of Data ***************************
```

- Commands or a Job

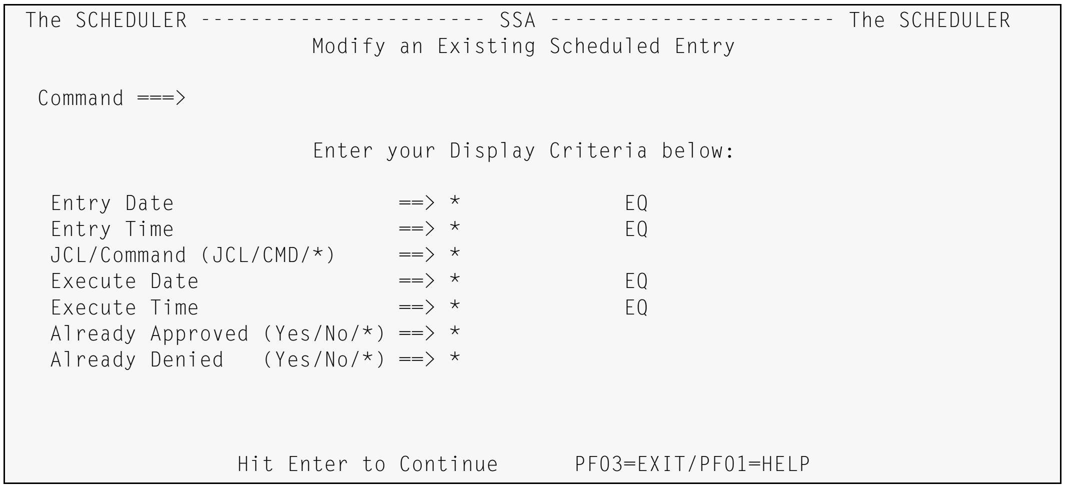
  Indicate if the entry is a job (JCL) or commands. Commands are encapsulated in a IKJEFT01 step when they are submitted, as shown below. The JCL for the IKJEFT01 step is configured through Configuration option 4.

  ```
  //AASTC01J JOB (),MSGCLASS=A,
  //   CLASS=A,REGION=4096K,NOTIFY=&SYSUID
  //*
  //STEP010 EXEC PGM=IKJEFT01,DYNAMNBR=20
  //SYSTSPRT DD  SYSOUT=*
  //SYSTSIN  DD  *
  <commands>
  //*
  ```

Note: Press PF03 to exit the edit session after entering your item. You will then be presented with the Scheduler Input screen discussed on page 258.

Modify an Existing Scheduled Entry

This SCHEDULER option includes two screens. The first screen includes fields to enter search criteria to select commands or JCL that are current entries in the SCHEDULER. The second screen displays the results of the search, which are current scheduled commands or JCL that met your search criteria. Scheduled items can be modified after they have been selected from the search result screen.



```
 The SCHEDULER ---------------------- SSA ---------------------- The SCHEDULER
                        Modify an Existing Scheduled Entry

  Command ===>

                        Enter your Display Criteria below:

   Entry Date                  ==> *             EQ
   Entry Time                  ==> *             EQ
   JCL/Command (JCL/CMD/*)     ==> *
   Execute Date                ==> *             EQ
   Execute Time                ==> *             EQ
   Already Approved (Yes/No/*) ==> *
   Already Denied   (Yes/No/*) ==> *



                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

There are two types of search criteria fields. The first field can contain an exact value or wildcard characters used to search for scheduled entries. The second field is the logical operator for the character based field. Below are the logical operators available.

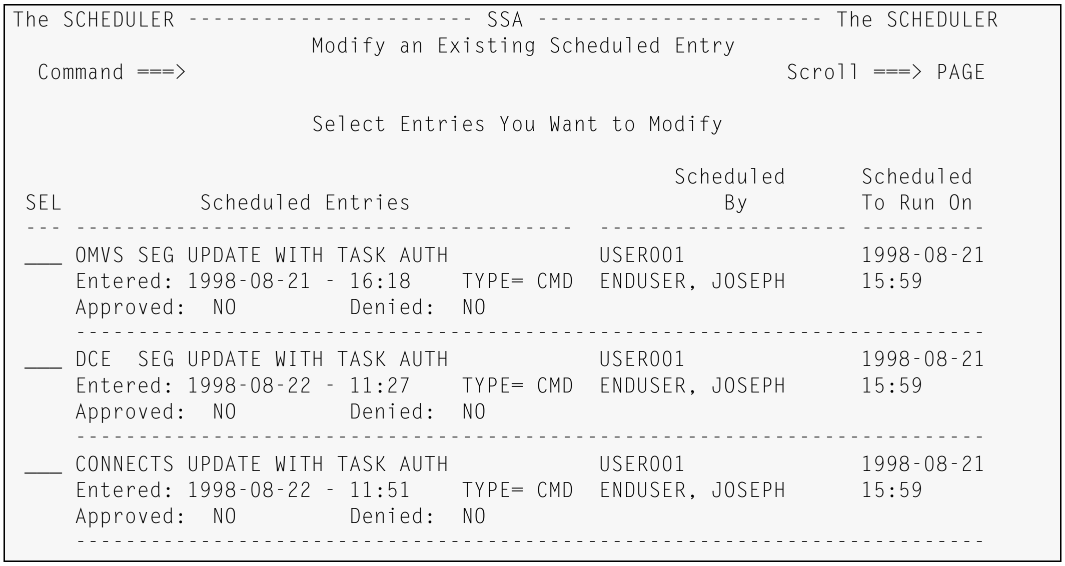
EQ	Equal To
NE	Not Equal To
LT	Less Than
GT	Greater Than
LE	Less Than or Equal To
GE	Greater Than or Equal To

Not every character field has a logical field. Those fields are single character fields as in whether a scheduled item was already approved. That is a yes or no question. The logical operator field determines the analysis of the character field as in EQUAL TO which is represented by EQ.

It is important to keep in mind that search records must meet all search criteria to be selected. Therefore, you should not enter search criteria that could potentially eliminate all records.

After entering your search criteria, the results appear in the SCHEDULER Search Results screen. It is important to note that only those entries that are scheduled to run are displayed, not those that already have been submitted.

From the Search Result screen you can select those entries you want to modify. You will be ‘paged’ through the entries until you have completed or canceled all selections.



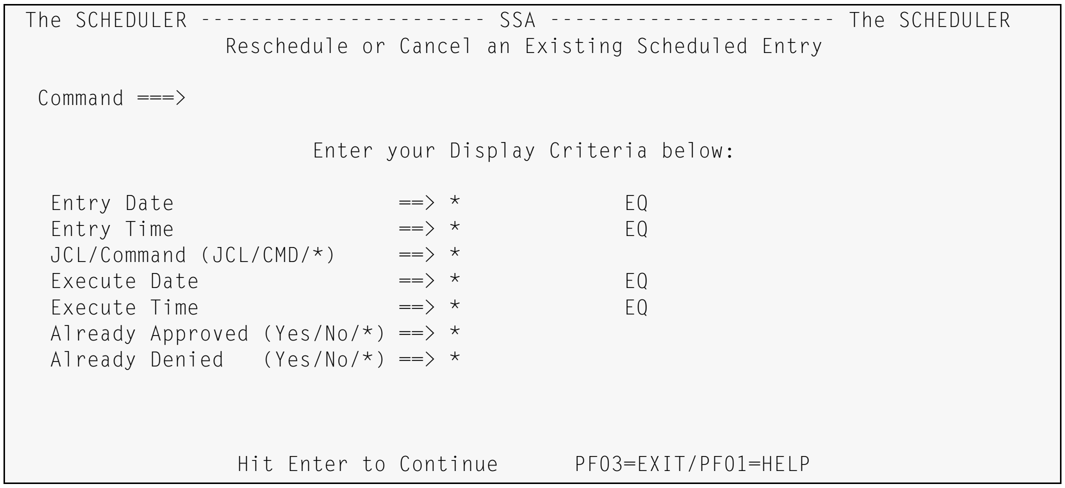
```
The SCHEDULER ---------------------- SSA ---------------------- The SCHEDULER
                        Modify an Existing Scheduled Entry
  Command ===>                                                Scroll ===> PAGE

                        Select Entries You Want to Modify

                                                     Scheduled      Scheduled
 SEL           Scheduled Entries                         By         To Run On
 --- ----------------------------------------  -------------------- ----------
 ___ OMVS SEG UPDATE WITH TASK AUTH            USER001             1998-08-21
     Entered: 1998-08-21 - 16:18    TYPE= CMD  ENDUSER, JOSEPH     15:59
     Approved:  NO         Denied:  NO
     -------------------------------------------------------------------------
 ___ DCE  SEG UPDATE WITH TASK AUTH            USER001             1998-08-21
     Entered: 1998-08-22 - 11:27    TYPE= CMD  ENDUSER, JOSEPH     15:59
     Approved:  NO         Denied:  NO
     -------------------------------------------------------------------------
 ___ CONNECTS UPDATE WITH TASK AUTH            USER001             1998-08-21
     Entered: 1998-08-22 - 11:51    TYPE= CMD  ENDUSER, JOSEPH     15:59
     Approved:  NO         Denied:  NO
     -------------------------------------------------------------------------
```

When you select an entry for modification, you will go through the following steps:

1. Scheduled JCL or commands are retrieved and placed in an edit session.
2. Press PF03 to exit and save your changes to the entry.
3. After exiting and saving you will be presented with the scheduler input screen with the retrieved settings of that scheduled event.
4. You can then change the scheduled settings for that entry.

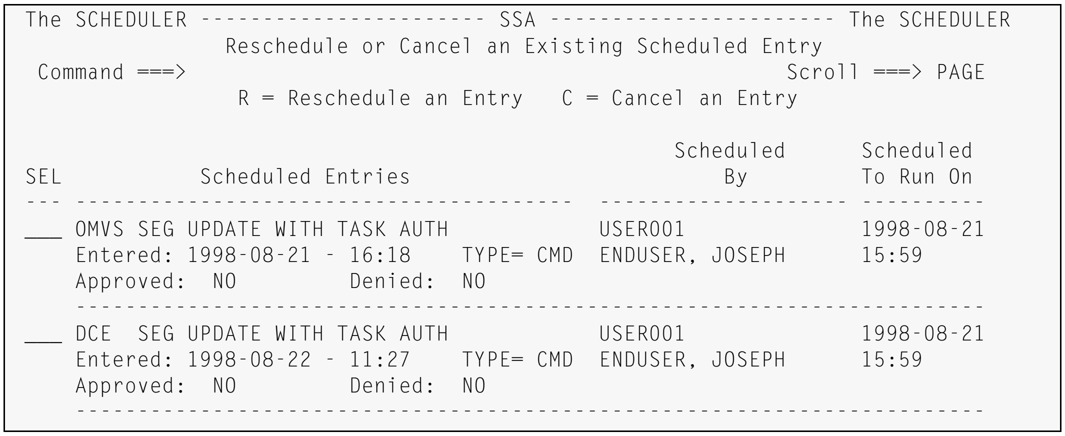
Reschedule or Cancel an Existing Scheduled Entry

This SCHEDULER option provides screens to search and select SCHEDULER entries for rescheduling or cancellation. The first screen includes fields to enter search criteria to select commands or JCL that are current entries in the Scheduler. The second screen displays the results of the search, which are current scheduled commands or JCL that met your search criteria. Scheduled items can be cancelled or rescheduled after they have been selected from the search result screen



```
 The SCHEDULER ---------------------- SSA ---------------------- The SCHEDULER
                 Reschedule or Cancel an Existing Scheduled Entry

  Command ===>

                        Enter your Display Criteria below:

   Entry Date                  ==> *             EQ
   Entry Time                  ==> *             EQ
   JCL/Command (JCL/CMD/*)     ==> *
   Execute Date                ==> *             EQ
   Execute Time                ==> *             EQ
   Already Approved (Yes/No/*) ==> *
   Already Denied   (Yes/No/*) ==> *



                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

Enter your search criteria and hit enter to receive the search results. Refer page 263 for an explanation of values that can be entered on the search screen.



```
 The SCHEDULER ---------------------- SSA ---------------------- The SCHEDULER
                 Reschedule or Cancel an Existing Scheduled Entry
  Command ===>                                             Scroll ===> PAGE
                  R = Reschedule an Entry   C = Cancel an Entry

                                                   Scheduled      Scheduled
 SEL           Scheduled Entries                      By          To Run On
 --- ------------------------------------------  --------------------  ----------
 ___ OMVS SEG UPDATE WITH TASK AUTH              USER001              1998-08-21
     Entered: 1998-08-21 - 16:18    TYPE= CMD    ENDUSER, JOSEPH      15:59
     Approved:  NO         Denied:  NO
     ------------------------------------------------------------------------
 ___ DCE  SEG UPDATE WITH TASK AUTH              USER001              1998-08-21
     Entered: 1998-08-22 - 11:27    TYPE= CMD    ENDUSER, JOSEPH      15:59
     Approved:  NO         Denied:  NO
     ------------------------------------------------------------------------
```

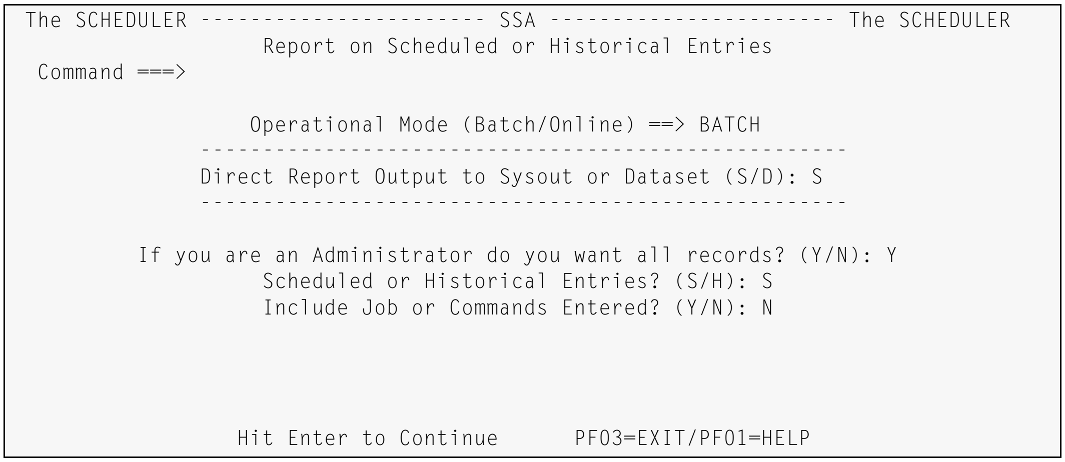
After entering your search criteria, you are presented with the results of the search. From this screen, you can enter C to cancel the scheduled item, or R to reschedule the event. If you choose to cancel a scheduled item, you will be asked to confirm the cancellation after viewing the commands in an edit session.

Changes made during the edit session are not honored; edit session is only made available so the user can copy the entry to another location. If you choose to reschedule an item you will go through the following sequence:

1. Scheduled JCL or commands are retrieved and placed in an edit session.
2. Press PF03 to exit and save your changes to the entry.
3. After exiting and saving you will be presented with the scheduler input screen with the retrieved settings of that scheduled event. You can then change the scheduled settings for that entry.

Report on Scheduled or Historical Entries

This SCHEDULER option allows users to report on entries they have scheduled or that have been archived.



```
 The SCHEDULER ---------------------- SSA ---------------------- The SCHEDULER
                    Report on Scheduled or Historical Entries
  Command ===>

                   Operational Mode (Batch/Online) ==> BATCH
               ---------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S
               ---------------------------------------------------

          If you are an Administrator do you want all records? (Y/N): Y
                    Scheduled or Historical Entries? (S/H): S
                    Include Job or Commands Entered? (Y/N): N




                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

- If your are an Administrator do you want all records?

  If you are an administrator, indicate if you want just your scheduled or archived items in the report, or if you want all entries for all users reported on.

- Scheduled or Historical Entries?

  Indicate if you want items still in the scheduler database, or those that have been archived to the historical database.

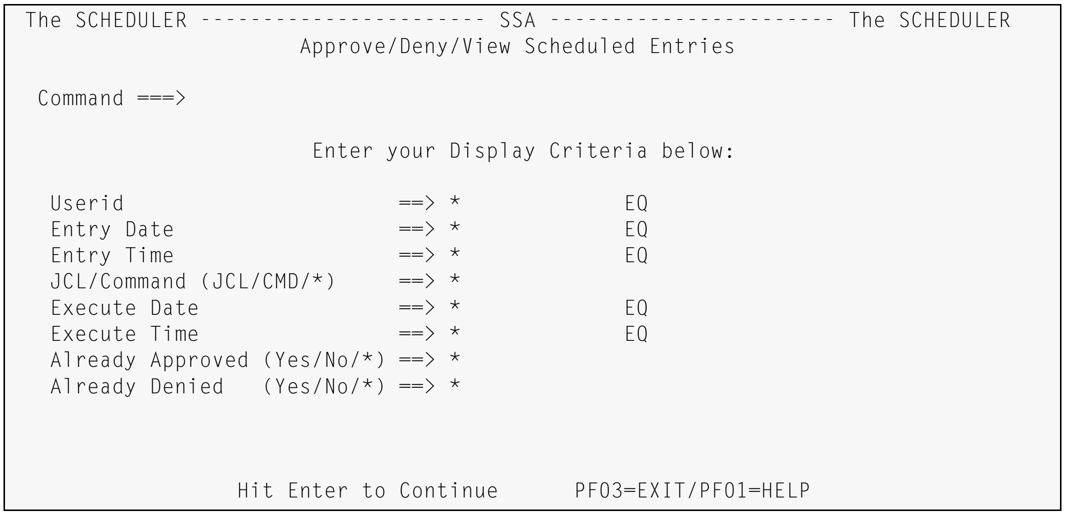
- Include Job or Commands Entered?

  Indicate if you want the actual JCL or commands entered to be included in the report.

Note: The operational mode, direct output and if run in batch sequence are identical to the reports sequence. If you require instructions on those fields or the sequence of screens to come in this selection, see “ Report Global Conventions” on page 33 for more information.

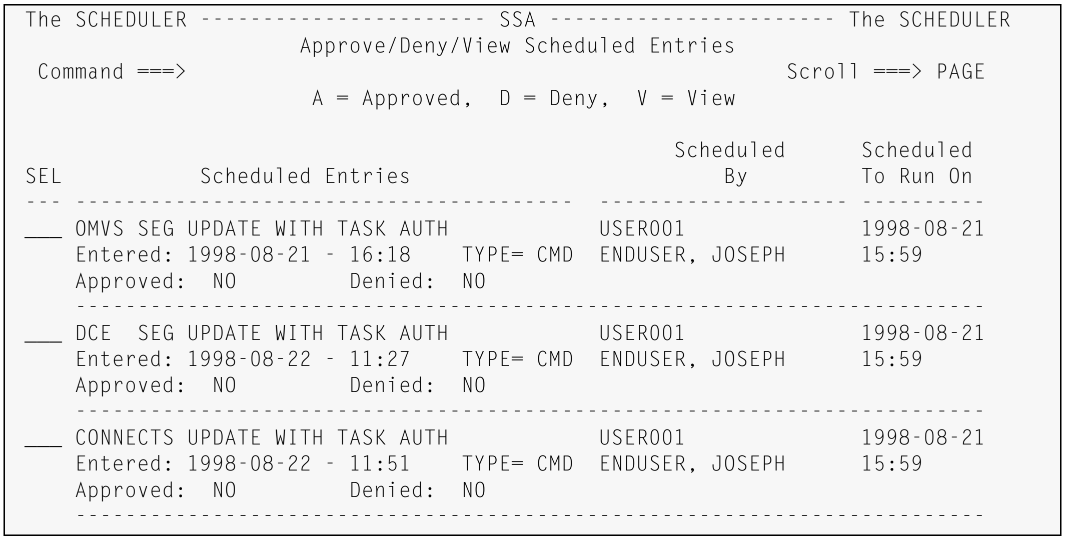
Approve/Deny/View Scheduled Entries

This SCHEDULER option allows administrators to approve, view, or deny a scheduled entry.



```
The SCHEDULER ----------------------- SSA ----------------------- The SCHEDULER
                      Approve/Deny/View Scheduled Entries

 Command ===>

                       Enter your Display Criteria below:

  Userid                      ==> *            EQ
  Entry Date                  ==> *            EQ
  Entry Time                  ==> *            EQ
  JCL/Command (JCL/CMD/*)     ==> *
  Execute Date                ==> *            EQ
  Execute Time                ==> *            EQ
  Already Approved (Yes/No/*) ==> *
  Already Denied   (Yes/No/*) ==> *



                 Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

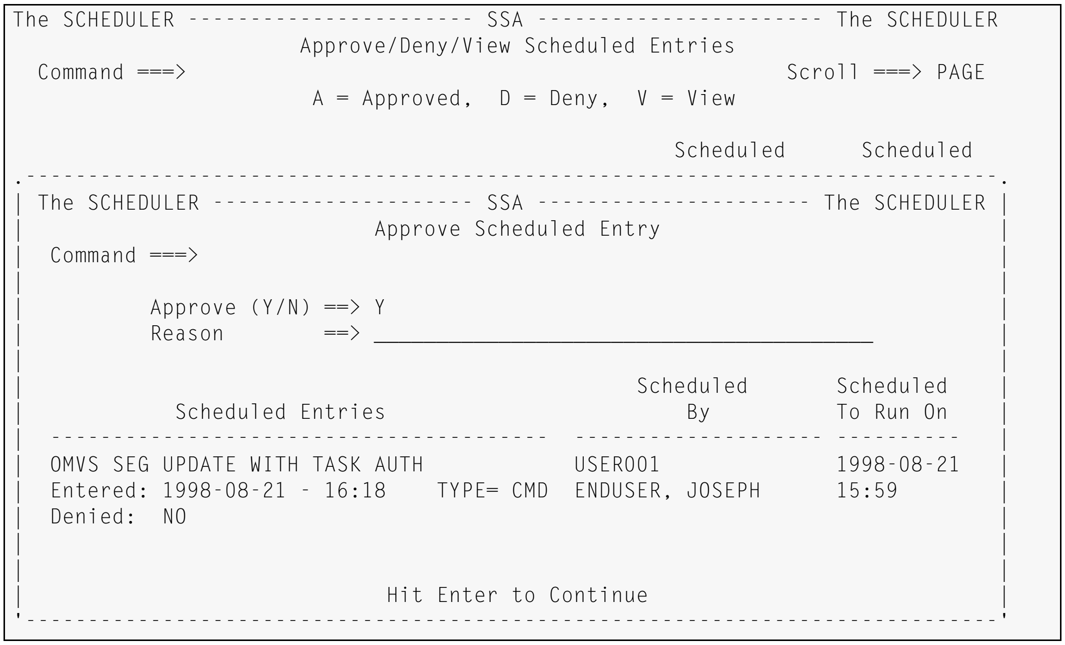
Enter your search criteria and hit enter to receive the search results. Refer page 263 for an explanation of values that can be entered on the search screen



```
The SCHEDULER ----------------------- SSA ----------------------- The SCHEDULER
                      Approve/Deny/View Scheduled Entries
 Command ===>                                                Scroll ===> PAGE
                       A = Approved,  D = Deny,  V = View

                                                    Scheduled      Scheduled
SEL           Scheduled Entries                         By         To Run On
--- ----------------------------------------  -------------------- -----------
___ OMVS SEG UPDATE WITH TASK AUTH            USER001              1998-08-21
    Entered: 1998-08-21 - 16:18    TYPE= CMD  ENDUSER, JOSEPH      15:59
    Approved:  NO         Denied:  NO
    --------------------------------------------------------------------------
___ DCE  SEG UPDATE WITH TASK AUTH            USER001              1998-08-21
    Entered: 1998-08-22 - 11:27    TYPE= CMD  ENDUSER, JOSEPH      15:59
    Approved:  NO         Denied:  NO
    --------------------------------------------------------------------------
___ CONNECTS UPDATE WITH TASK AUTH            USER001              1998-08-21
    Entered: 1998-08-22 - 11:51    TYPE= CMD  ENDUSER, JOSEPH      15:59
    Approved:  NO         Denied:  NO
    --------------------------------------------------------------------------
```

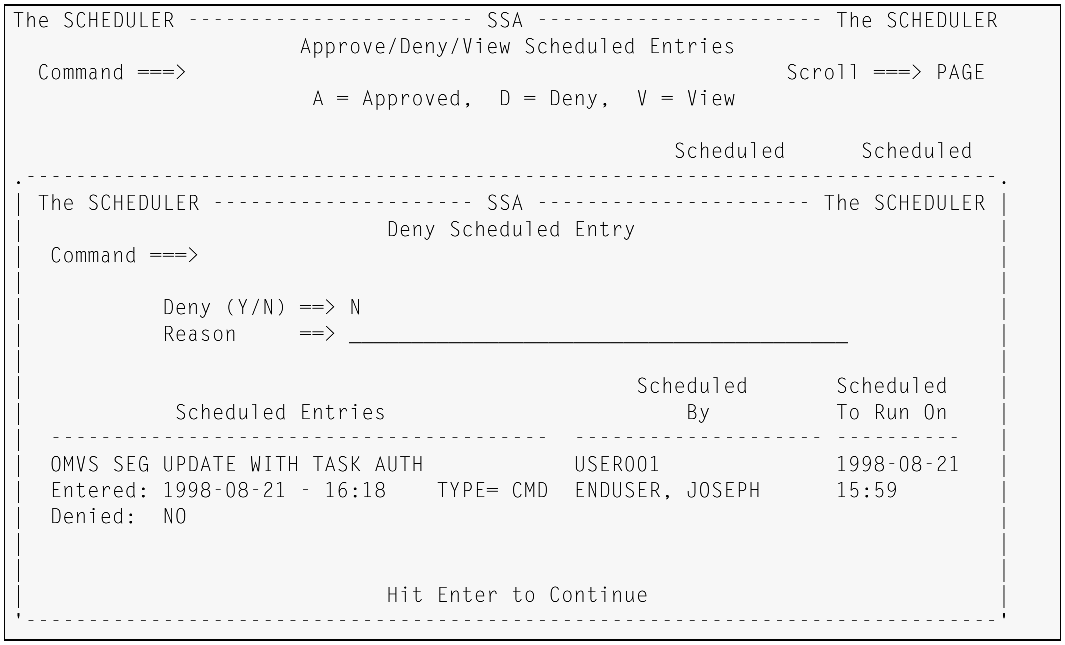
After entering your search criteria, you are presented with the results of the search. From this screen, you can enter the following line commands for each listed entry:

A Approve the scheduled item to run. Below is the screen that will be displayed.



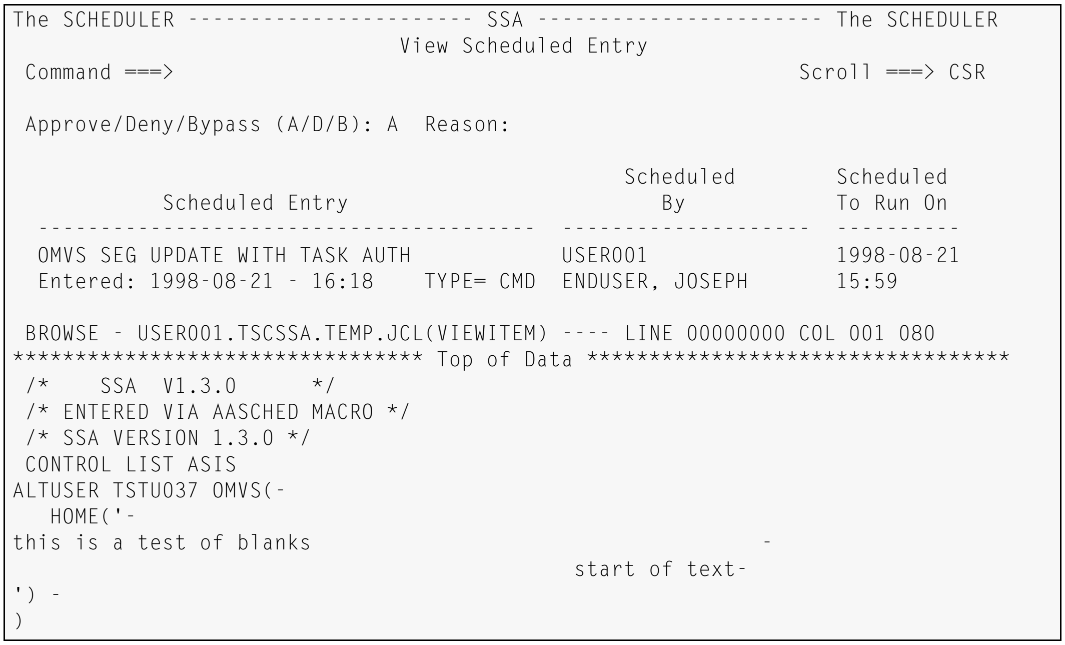
```
The SCHEDULER ----------------------- SSA ----------------------- The SCHEDULER
                       Approve/Deny/View Scheduled Entries
  Command ===>                                                Scroll ===> PAGE
                        A = Approved,  D = Deny,  V = View

                                                    Scheduled      Scheduled
.------------------------------------------------------------------------------.
| The SCHEDULER --------------------- SSA ---------------------- The SCHEDULER |
|                             Approve Scheduled Entry                          |
|  Command ===>                                                                |
|                                                                              |
|          Approve (Y/N) ==> Y                                                 |
|          Reason        ==> ________________________________________         |
|                                                                              |
|                                                 Scheduled       Scheduled    |
|            Scheduled Entries                        By          To Run On    |
|  ----------------------------------------  --------------------  ----------  |
|  OMVS SEG UPDATE WITH TASK AUTH            USER001               1998-08-21  |
|  Entered: 1998-08-21 - 16:18    TYPE= CMD  ENDUSER, JOSEPH       15:59       |
|  Denied:  NO                                                                 |
|                                                                              |
|                                                                              |
|                             Hit Enter to Continue                            |
'------------------------------------------------------------------------------'
```

D Deny the scheduled item to run. The reason is optional. Below is the screen that will be displayed.



```
The SCHEDULER ----------------------- SSA ----------------------- The SCHEDULER
                       Approve/Deny/View Scheduled Entries
  Command ===>                                                Scroll ===> PAGE
                        A = Approved,  D = Deny,  V = View

                                                    Scheduled      Scheduled
.------------------------------------------------------------------------------.
| The SCHEDULER --------------------- SSA ---------------------- The SCHEDULER |
|                              Deny Scheduled Entry                            |
|  Command ===>                                                                |
|                                                                              |
|           Deny (Y/N) ==> N                                                   |
|           Reason     ==> ________________________________________           |
|                                                                              |
|                                                 Scheduled       Scheduled    |
|            Scheduled Entries                        By          To Run On    |
|  ----------------------------------------  --------------------  ----------  |
|  OMVS SEG UPDATE WITH TASK AUTH            USER001               1998-08-21  |
|  Entered: 1998-08-21 - 16:18    TYPE= CMD  ENDUSER, JOSEPH       15:59       |
|  Denied:  NO                                                                 |
|                                                                              |
|                                                                              |
|                             Hit Enter to Continue                            |
'------------------------------------------------------------------------------'
```

V View the scheduled item. From the browse session of the scheduled entry you can approve, deny, or bypass the selection. The same procedures apply as stated above for approval and denial.



```
The SCHEDULER ----------------------- SSA ----------------------- The SCHEDULER
                               View Scheduled Entry
 Command ===>                                                  Scroll ===> CSR

 Approve/Deny/Bypass (A/D/B): A  Reason:

                                                 Scheduled        Scheduled
            Scheduled Entry                         By            To Run On
  ----------------------------------------  --------------------  ----------
  OMVS SEG UPDATE WITH TASK AUTH            USER001               1998-08-21
  Entered: 1998-08-21 - 16:18    TYPE= CMD  ENDUSER, JOSEPH       15:59

 BROWSE - USER001.TSCSSA.TEMP.JCL(VIEWITEM) ---- LINE 00000000 COL 001 080
********************************* Top of Data **********************************
 /*    SSA  V1.3.0      */
 /* ENTERED VIA AASCHED MACRO */
 /* SSA VERSION 1.3.0 */
 CONTROL LIST ASIS
ALTUSER TSTU037 OMVS(-
   HOME('-
this is a test of blanks                                    -
                                             start of text-
') -
)
```

Chapter 7 TSO Direct Administration

With Release 1.3, SSA can administer RACF from TSO directly without granting Group SPECIAL, Global SPECIAL, or any other RACF authority that could potentially compromise security. TSO Direct Administration (referred to as SSA-TDA) allows security administrators to do the following:

- Userid Administration
- Group Administration
- Connect Administration
- Password Administration
- Dataset Administration
- Resource Administration
- Dataset Permit Administration
- Resource Permit Administration
- Resource Member Administration
- User TSO Segment Administration
- User CICS Segment Administration
- Access Simulator

It is also important to note the following operating pluses for using SSA-TDA.

- All updates and inquires done by SSA-TDA are done live.
- SSA-TDA allows a user to use the various features without having group or global SPECIAL.

Note: TSO Direct Administration produces standard SMF Type 80 audit records.

TSO Direct Administration Global Conventions

Security

Security for TSO Direct Administration functions are protected on two levels. The first level is the ‘Authority’ profile. This type of profile determines what profiles a user may affect. The table show below lists the format for a general ‘Authority’ profile, and the specific ‘Authority’ profile that protects global SPECIAL users.

Function	RACF Class	RACF Profile (Authority Profile)
Userid Administration	MAA$RULE	MEGASOLVE-SSA.$USER.<*default group*>
Group Administration	MAA$RULE	MEGASOLVE-SSA.$GROUP.<*superior group*>
Connect Administration	MAA$RULE	MEGASOLVE-SSA.$CONNECT.<*group*>
Password Administration	MAA$RULE	MEGASOLVE-SSA.$RESET.<*group*>
Dataset Administration	MAA$RULE	MEGASOLVE-SSA.$DATASET.<*hlq*>
Resource Administration	MAA$RULE	MEGASOLVE-SSA.$RESRCE.<*class*>
Dataset Permit Administration	MAA$RULE	MEGASOLVE-SSA.$DATASET.<*hlq*>
Resource Permit Administration	MAA$RULE	MEGASOLVE-SSA.$RESRCE.<*class*>
Resource Member Administration	MAA$RULE	MEGASOLVE-SSA.$RESRCE.<*class*>
User TSO Segment Administration	MAA$RULE	MEGASOLVE-SSA.$UTSO.<*default group*>
User CICS Segment Administration	MAA$RULE	MEGASOLVE-SSA.$UCICS.<*default group*>
Access Simulator	MAA$RULE	MEGASOLVE-SSA.ACCESS.SIMULATOR
Global Special User Protection	MAA$RULE	MEGASOLVE-SSA.$SPECIAL$

MEGASOLVE-SSA.$USER.<*default group*>

A Userid Administration user that has access to an ‘Authority’ profile may change any user that has that particular group as their default group. If you have generic processing turned on for the SSA security class, you may use generic characters in the <default group> to cover a wide range of users.

MEGASOLVE-SSA.$GROUP.<superior group>

A Group Administration user that has access to an ‘Authority’ profile may change any group that has that particular group as their superior group. If you have generic processing turned on for the SSA security class, you may use generic characters in the <superior group> to cover a wide range of users.

MEGASOLVE-SSA.$RESET.<*group*>

A Password Administration user that has access to an ‘Authority’ profile may change any user that is connected to the <group> specified in the profile. If you have generic processing turned on for the SSA security class, you may use generic characters in the <group> to cover a wide range of users.

MEGASOLVE-SSA.$CONNECT.<*group*>

A Connect Administration user that has access to an ‘Authority’ profile may change any connection for the <group> specified in the profile. If you have generic processing turned on for the SSA security class, you may use generic characters in the <group> to cover a wide range of users.

MEGASOLVE-SSA.$DATASET.<*hlq*>

A Dataset Administration and Dataset Permit Administration user that has access to an ‘Authority’ profile may change any dataset profile that begins with the <hlq> specified in the profile. If you have generic processing turned on for the SSA security class, you may use generic characters in the <hlq> to cover a wide range of dataset profiles.

MEGASOLVE-SSA.$RESRCE.<*class*>

A Resource Administration, Resource Permit Administration, and Resource Member Administration user that has access to an ‘Authority’ profile may change resource profiles that begins with the <class> specified in the profile. If you have generic processing turned on for the SSA security class, you may use generic characters in the <class> to cover a wide range of resource profiles.

MEGASOLVE-SSA.$UTSO.<*default group*>

A User TSO Segment Administration user that has access to an ‘Authority’ profile may change any user’s TSO segment that has that particular group as their default group. If you have generic processing turned on for the SSA security class, you may use generic characters in the <default group> to cover a wide range of users.

MEGASOLVE-SSA.$UCICS.<*default group*>

A User CICS Segment Administration user that has access to an ‘Authority’ profile may change any user’s CICS segment that has that particular group as their default group. If you have generic processing turned on for the SSA security class, you may use generic characters in the <default group> to cover a wide range of users.

SSA.ACCESS.SIMULATOR

This profile protects the access simulator which allows a user to interrogate RACF to determine a users or groups highest allowed access level to a particular resource. The Access Simulator will also determine what is the protecting profile of the resource.

MEGASOLVE-SSA.$*SPECIAL$*

This profile protects global SPECIAL users from any user that has any TSO Direct Administration function. In order to use a CICS Direct Administration function to affect a global SPECIAL user they must have access to an ‘Authority’ profile that protects the SPECIAL user and they also must have access to this profile. If you do not define this profile, then this check is bypassed for global SPECIAL users, and normal ‘Authority’ profile checking applies.

Note: It is highly recommended that you define this profile. The profile should have a UACC(NONE) and no access list entries. This protects global SPECIAL users from unauthorized attempts at being updated.

Example 'Authority' Profile Setup

This example illustrates how to define an 'Authority' profile.

Scenario:	You, the security administrator, want to allow the Payroll department manager to be able to add users, connect those users to payroll groups and do Password Administration for all of the users in the Payroll Department.
Known:	The default group for the PAYROLL Department is PAYROLL. The userid for the Payroll department manager is MNGRPAY.

Profiles to build

Add User	MEGASOLVE-SSA.$USER.PAYROLL
Connect	MEGASOLVE-SSA.$CONNECT.PAYROLL
Password Administration	MEGASOLVE-SSA.$RESET.PAYROLL

Command to issue

```
RDEFINE GAA$RULE CDA-PAYROLL  -
   ADDMEM(MEGASOLVE-SSA.$USER.PAYROLL  -
MEGASOLVE-SSA.$CONNECT.PAYROLL  -
MEGASOLVE-SSA.$RESET.PAYROLL)  -
OWNER(SYS1) UACC(NONE)
```

The second type of security is the access level you have to the 'Authority' profile. The following tables list user, group, connect, and password administration functions. Each table lists the administrative functions for the authority profile and what access levels are required to perform them.

Userid Administration Function	Userid Administration 'Authority' Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List Userid	X	X	X	X
Add Userid	X	X	X	X
Add/Change Userid Name	X	X	X	X
Add/Change Owner	X	X	X	X
Add/Change Password	X	X	X	X
Add/Change Userid Installation Data			X	X
Delete Userid				X

Group Administration Function	Group Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List Group	X	X	X	X
Add Group	X	X	X	X
Add/Change Owner	X	X	X	X
Add/Change TERMUACC	X	X	X	X
Add/Change Group Installation Data			X	X
Delete Group				X

Connect Administration Function	Connect Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List All Connect Profiles	X	X	X	X
List Specific Connect Profile	X	X	X	X
Connect User to Group	X	X	X	X
Change Group UACC	X	X	X	X
Resume Connect	X	X	X	X
Revoke Connect	X	X	X	X
Set/Remove TERMUACC Attribute	X	X	X	X
Set/Remove Connect Resume Date		X	X	X
Set/Remove Connect Revoke Date		X	X	X
Remove User from Group		X	X	X
Change Group Authority			X	X
Set/Remove Connect Attributes (except TERMUACC)				X

Password Administration Function	Password Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List User	X	X	X	X
Set Password for User	X	X	X	X
Resume User	X	X	X	X
Revoke User	X	X	X	X
Set/Remove a Resume Date for a User		X	X	X
Set/Remove a Revoke Date for a User		X	X	X
Update Installation Data for a User			X	X
SuperRevoke User or Resume a SuperRevoked User				X

Dataset Administration Function	Dataset Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List Dataset profile	X	X	X	X
Add Dataset profile	X	X	X	X
Change Dataset profile	X	X	X	X
Update Installation Data for a Dataset Profile			X	X
Delete Dataset profile				X

Resource Administration Function	Resource Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List Resource profile	X	X	X	X
Add Resource profile	X	X	X	X
Change Resource profile	X	X	X	X
Update Installation and/or Application Data for a Resource Profile			X	X
Delete Resource profile				X

Dataset Permit Administration Function	Dataset Permit Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List Permit	X	X	X	X
Add Permit	X	X	X	X
Change Permit		X	X	X
Delete Permit		X	X	X

Resource Permit Administration Function	Resource Permit Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List Permit	X	X	X	X
Add Permit	X	X	X	X
Change Permit		X	X	X
Delete Permit		X	X	X

Resource Member Administration Function	Resource Permit Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List Resource Member	X	X	X	X
Add Resource Member	X	X	X	X
Delete Resource Members		X	X	X

User TSO Segment Administration Function	TSO Segment Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List Segment	X	X	X	X
Add Segment		X	X	X
Change Segment		X	X	X
Delete Segment				X

User CICS Segment Administration Function	CICS Segment Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List Segment	X	X	X	X
Add Segment		X	X	X
Change Segment		X	X	X
Delete Segment				X

Example Access Level Setup:

The example below illustrates how to set the access level for the ‘Authority’ profile.

Scenario: You, the security administrator, want to allow the Payroll department manager to be able to add users, connect those users to payroll groups and do Password Administration for all of the users in the Payroll Department.

Known: The default group for the PAYROLL Department is PAYROLL. The userid for the Payroll department manager is MNGRPAY.

Profiles protecting all Payroll Department users:

```
MEGASOLVE-SSA.$USER.PAYROLL
MEGASOLVE-SSA.$CONNECT.PAYROLL
MEGASOLVE-SSA.$RESET.PAYROLL
```

Access level needed CONTROL

Command to issue

```
PERMIT CDA-PAYROLL -
  CLASS(GAA$RULE) ID(MNGRPAY) -
  ACCESS(CONTROL)
```

Note: The authorities relate only to the RACF access the user has to the MAA$RULE class profiles. Just because a user may have GROUP SPECIAL, it does not mean this individual has the authority to use SSA-TDA to do RACF Administration.

Function Explanations All SSA-TDA function explanation sections will use the following sequence:

A Associated Screens and particular function examples and descriptions

SSA-TDA Programs

You can invoke a TSO Direct function directly without using SSA ISPF panels. The table below lists the appropriate program to call.

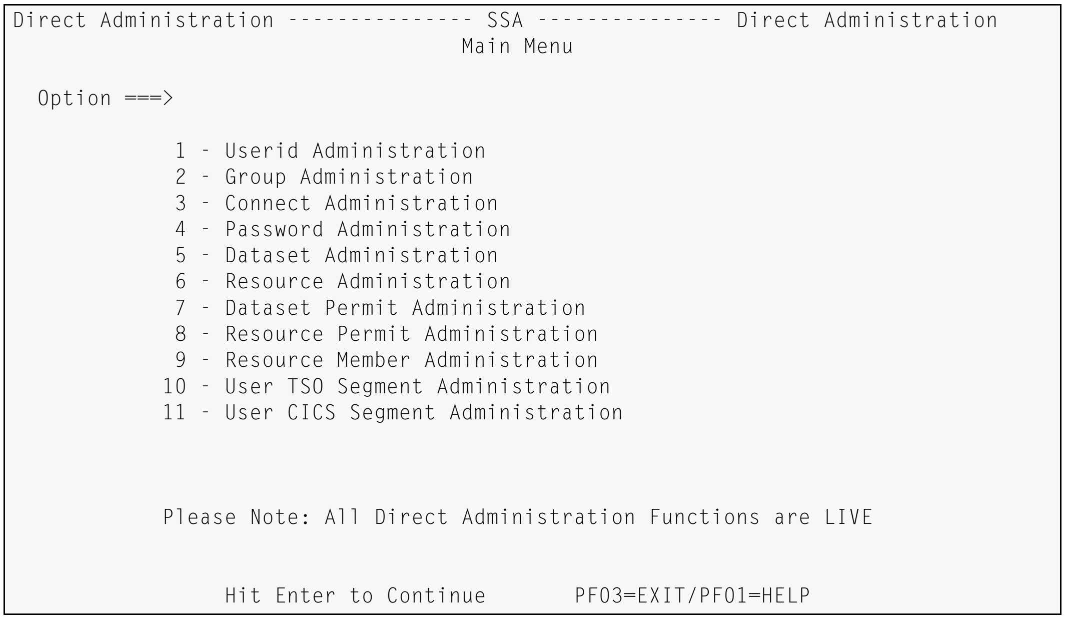
Function	Program
Userid Administration	AACMDP03
Group Administration	AACMDP04
Connect Administration	AACMDP02
Password Administration	AACMDP01
Dataset Administration	AACMDP05
Resource Administration	AACMDP06
Dataset Permit Administration	AACMDP07
Resource Permit Administration	AACMDP15
Resource Member Administration	AACMDP14
TSO Segment Administration	AACMDP08
CICS Segment Administration	AACMDP09
Access Simulator	AAACCSIM

RACLIST vs. Non-RACLIST Classes

Whenever a TSO Direct function is performed against any general resource class that has been RACLISTed in RACF, it is recommended that a SETROPTS RACLIST(classname) REFRESH RACF command be issued in order for any normal RACF command (i.e. RLIST, RALT, RDEL) to be processed successfully.

TSO Direct Administration Main Menu

The Main Menu lists SSA-TDA options



```
Direct Administration --------------- SSA --------------- Direct Administration
                                    Main Menu

  Option ===>

             1 - Userid Administration
             2 - Group Administration
             3 - Connect Administration
             4 - Password Administration
             5 - Dataset Administration
             6 - Resource Administration
             7 - Dataset Permit Administration
             8 - Resource Permit Administration
             9 - Resource Member Administration
            10 - User TSO Segment Administration
            11 - User CICS Segment Administration



            Please Note: All Direct Administration Functions are LIVE


                 Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

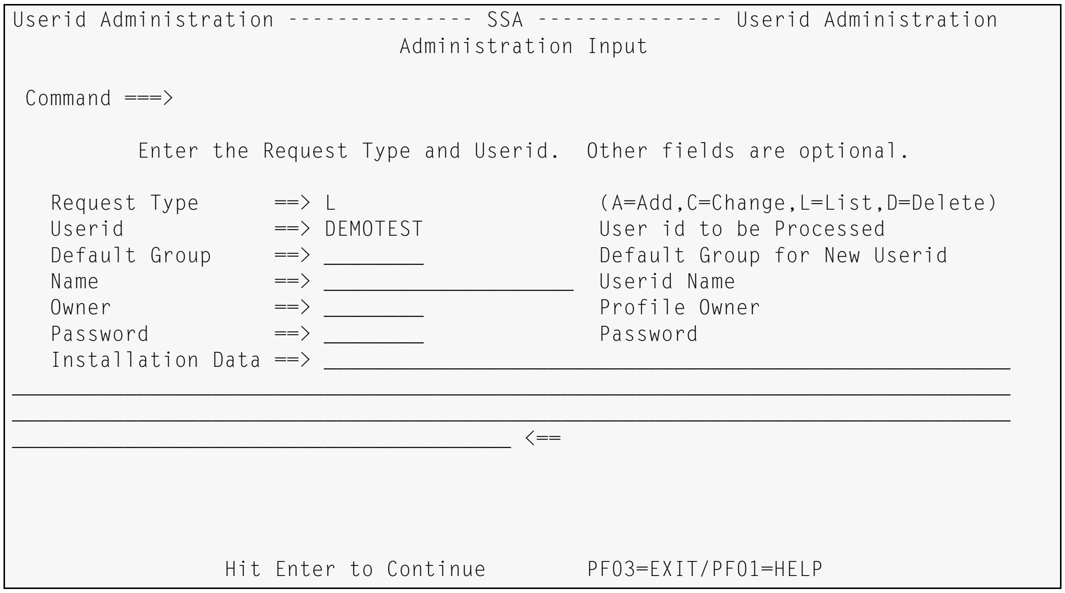
Userid Administration Screens

This section describes TDA userid Administration screens.

Perform List User

Perform the following steps to issue the equivalency of a RACF List User command (i.e., LU DEMOTEST):

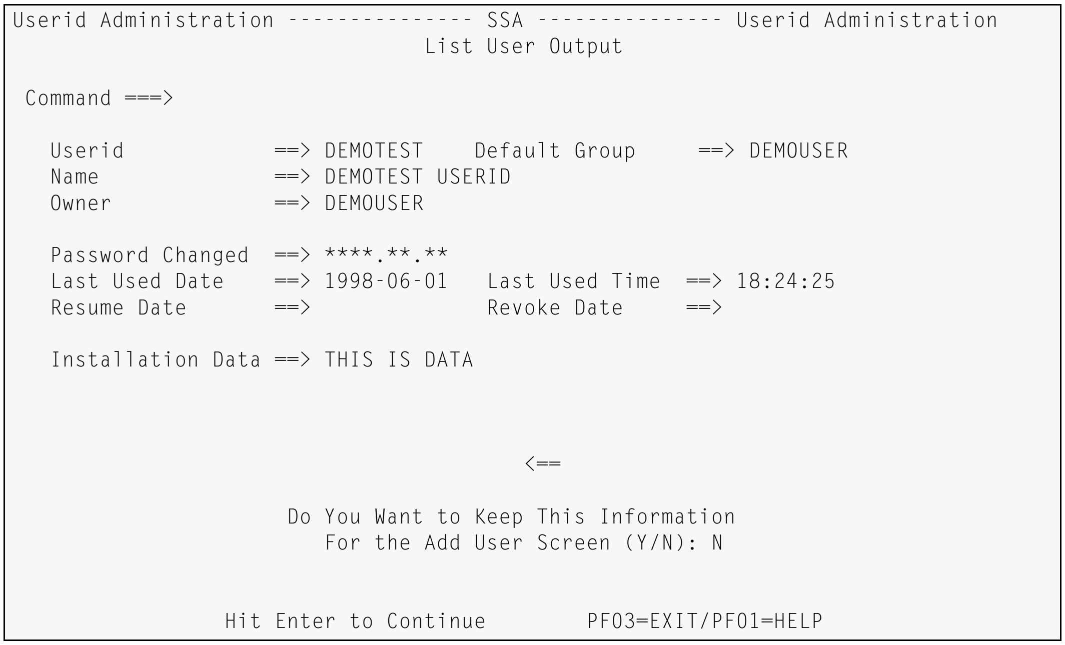
1. Enter ‘L’ as the request type.
2. Enter the userid in the USERID field and press ENTER.



```
Userid Administration --------------- SSA --------------- Userid Administration
                               Administration Input

 Command ===>

         Enter the Request Type and Userid.  Other fields are optional.

   Request Type      ==> L                     (A=Add,C=Change,L=List,D=Delete)
   Userid            ==> DEMOTEST              User id to be Processed
   Default Group     ==> ________              Default Group for New Userid
   Name              ==> ____________________  Userid Name
   Owner             ==> ________              Profile Owner
   Password          ==> ________              Password
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==




                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

List User Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



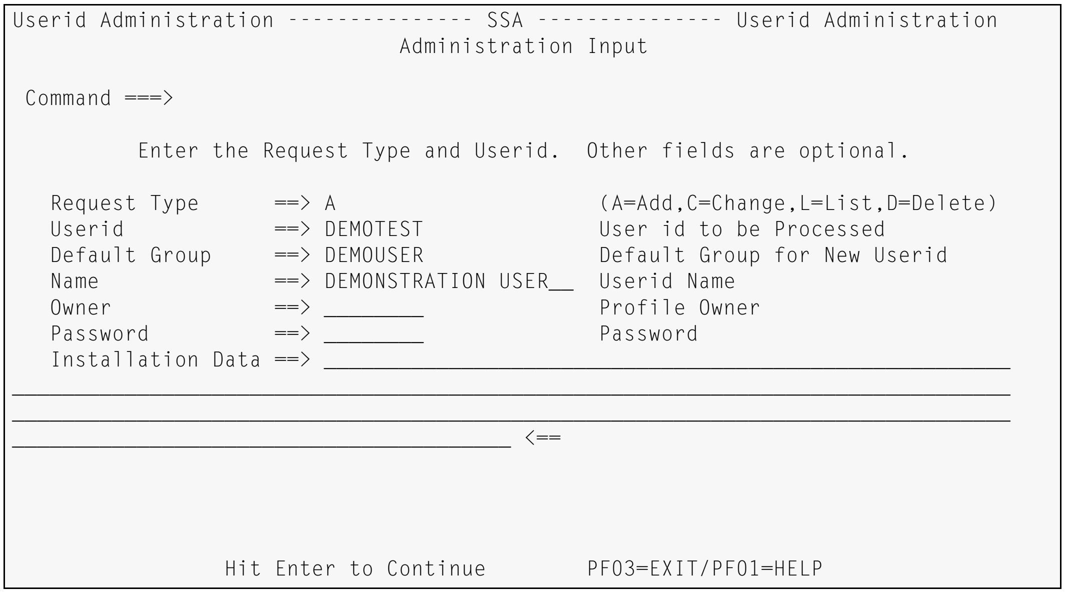
```
Userid Administration --------------- SSA --------------- Userid Administration
                                 List User Output

 Command ===>

   Userid            ==> DEMOTEST    Default Group     ==> DEMOUSER
   Name              ==> DEMOTEST USERID
   Owner             ==> DEMOUSER

   Password Changed  ==> ****.**.**
   Last Used Date    ==> 1998-06-01   Last Used Time   ==> 18:24:25
   Resume Date       ==>              Revoke Date      ==>

   Installation Data ==> THIS IS DATA



                                         <==

                       Do You Want to Keep This Information
                          For the Add User Screen (Y/N): N


                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Always press ENTER after a List User, or to recover from a message, to return to the Userid Administration Main panel.

Add Userid

Perform the following steps to issue the equivalency of a RACF Add User command (i.e., ADDUSER DEMOTEST NA('DEMONSTRATION USER') DFL(DEMOUSER) OWNER(DEMOUSER):

1. Enter 'A' as the request type.
2. Enter the userid into the USERID field.
3. Enter a default group that you are authorized to use in the DEFAULT GROUP field. By not entering in the owner, the owner is set to the default group entered.
4. Enter the name in the NAME field (optional).



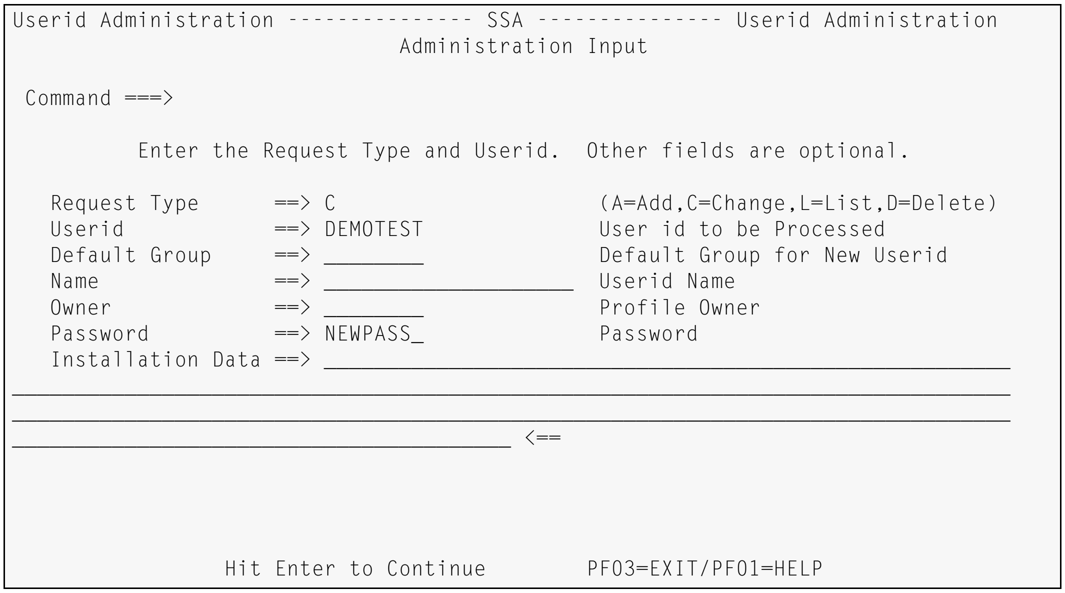
```
Userid Administration --------------- SSA --------------- Userid Administration
                               Administration Input

 Command ===>

          Enter the Request Type and Userid.  Other fields are optional.

   Request Type      ==> A                     (A=Add,C=Change,L=List,D=Delete)
   Userid            ==> DEMOTEST              User id to be Processed
   Default Group     ==> DEMOUSER              Default Group for New Userid
   Name              ==> DEMONSTRATION USER__  Userid Name
   Owner             ==> ________              Profile Owner
   Password          ==> ________              Password
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==




                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process adds the user to the specified default group. The name is included as part of the profile but is optional. The profile owner is also optional. If not specified the owner is set to the same value as the default group entered.

Change Password

Perform the following steps to issue the equivalency of a RACF Alter User Password Resume with a password specified (i.e., ALTUSER DEMOTEST PASSWORD(<password>) RESUME:

1. Enter ‘C’ as the request type.
2. Enter the userid into the USERID field.
3. TAB to the PASSWORD field, enter the desired password (clear the rest of the field by depressing the EOF (Erase End-Of-Field key), and press ENTER. You may change the Password to the Default Group by depressing the EOF (Erase End-Of-Field) key which clears the Password field, and then press ENTER.



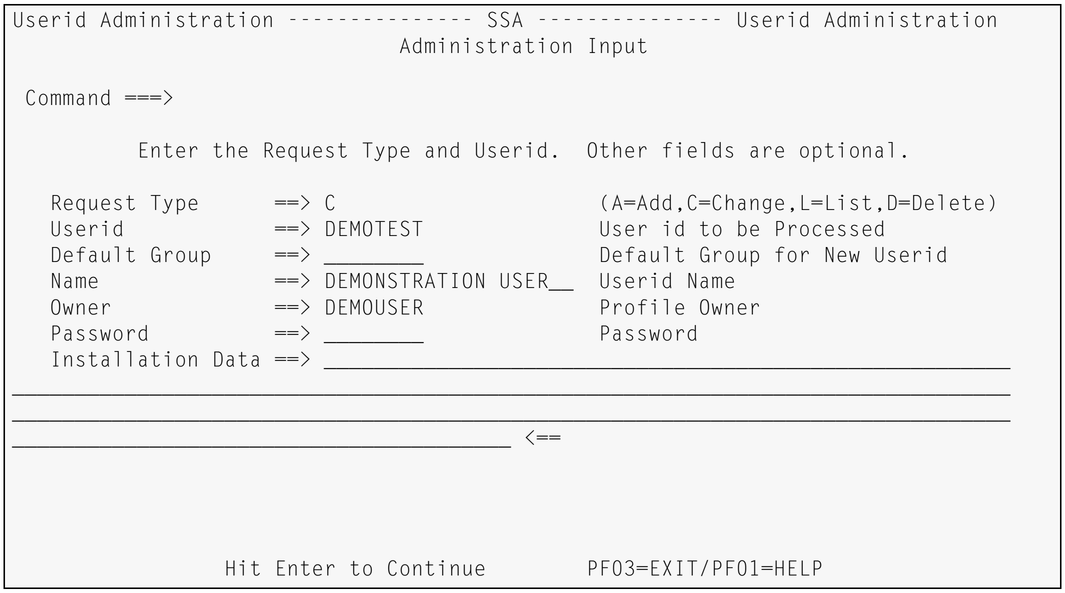
```
Userid Administration --------------- SSA --------------- Userid Administration
                              Administration Input

 Command ===>

          Enter the Request Type and Userid.  Other fields are optional.

   Request Type      ==> C                     (A=Add,C=Change,L=List,D=Delete)
   Userid            ==> DEMOTEST              User id to be Processed
   Default Group     ==> ________              Default Group for New Userid
   Name              ==> ____________________  Userid Name
   Owner             ==> ________              Profile Owner
   Password          ==> NEWPASS_              Password
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==




                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process sets the PASSDATE field to zeros requiring the user to enter a new password when they signon next and updates the LAST USED DATE/TIME fields with the current date and time.

Change Various Fields

Perform the following steps to issue the equivalency of a RACF Alter User Owner Name (i.e., ALTUSER DEMOTEST OWNER(DEMOUSER) NA('DEMONSTRATION USER'):

1. Enter 'C' as the request type.
2. Enter the userid into the USERID field.
3. Enter the owner in the OWNER field (optional).
4. Enter the name in the NAME field (optional).



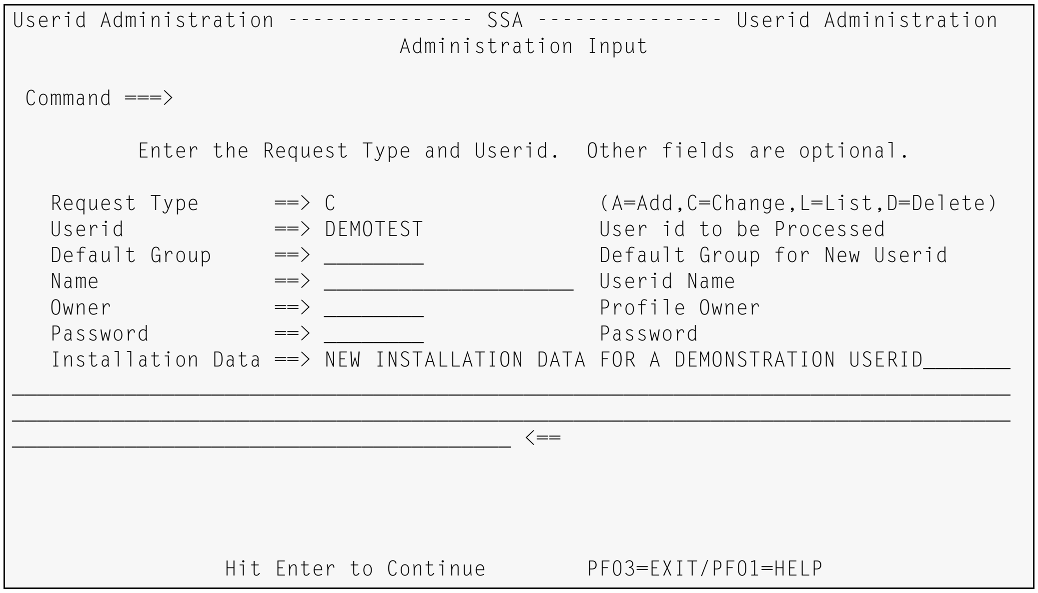
```
Userid Administration --------------- SSA --------------- Userid Administration
                               Administration Input

 Command ===>

          Enter the Request Type and Userid.  Other fields are optional.

   Request Type       ==> C                     (A=Add,C=Change,L=List,D=Delete)
   Userid             ==> DEMOTEST              User id to be Processed
   Default Group      ==> ________              Default Group for New Userid
   Name               ==> DEMONSTRATION USER__  Userid Name
   Owner              ==> DEMOUSER              Profile Owner
   Password           ==> ________              Password
   Installation Data  ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==




                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process updates the profile owner or name field.

Add/Replace User Installation Data

Perform the following steps to add or replace installation data for the specified user:

1. Enter ‘A’ for the request type if you are adding the user or ‘C’ if you are changing the userid.
2. Enter the userid into the USERID field.
3. TAB to the Installation Data field, type in data, and press ENTER.



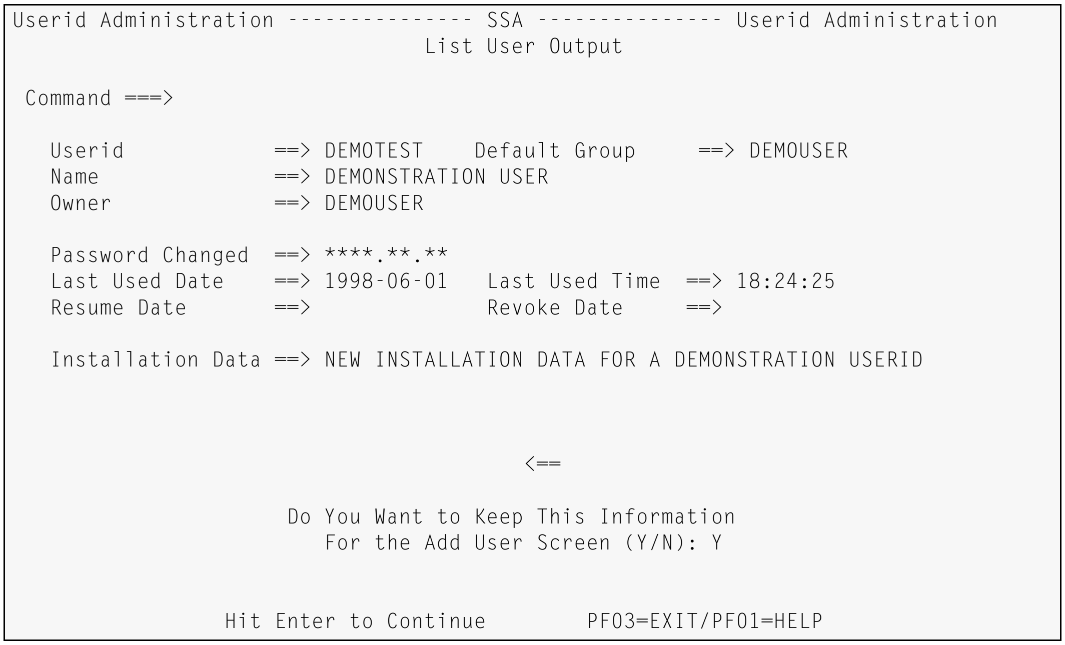
```
Userid Administration --------------- SSA --------------- Userid Administration
                               Administration Input

 Command ===>

          Enter the Request Type and Userid.  Other fields are optional.

   Request Type      ==> C                     (A=Add,C=Change,L=List,D=Delete)
   Userid            ==> DEMOTEST              User id to be Processed
   Default Group     ==> ________              Default Group for New Userid
   Name              ==> ____________________  Userid Name
   Owner             ==> ________              Profile Owner
   Password          ==> ________              Password
   Installation Data ==> NEW INSTALLATION DATA FOR A DEMONSTRATION USERID_______
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==




                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process updates the Installation Data field.

Update Existing User Installation Data

Perform the following steps to add or replace installation data for the specified user:

1. Enter ‘L’ as the request type to list the userid.
2. Enter the userid into the USERID field and press ENTER.
3. TAB to the Keep Installation Data field, type a 'Y', and press ENTER.
4. TAB to the Installation Data field, type in changes to data, and press ENTER.



```
Userid Administration --------------- SSA --------------- Userid Administration
                                 List User Output

 Command ===>

   Userid            ==> DEMOTEST    Default Group     ==> DEMOUSER
   Name              ==> DEMONSTRATION USER
   Owner             ==> DEMOUSER

   Password Changed  ==> ****.**.**
   Last Used Date    ==> 1998-06-01   Last Used Time   ==> 18:24:25
   Resume Date       ==>              Revoke Date      ==>

   Installation Data ==> NEW INSTALLATION DATA FOR A DEMONSTRATION USERID



                                         <==

                      Do You Want to Keep This Information
                         For the Add User Screen (Y/N): Y


                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

When you specify 'Y' to Keep Installation Data, the installation data will be passed back to the Input Screen.

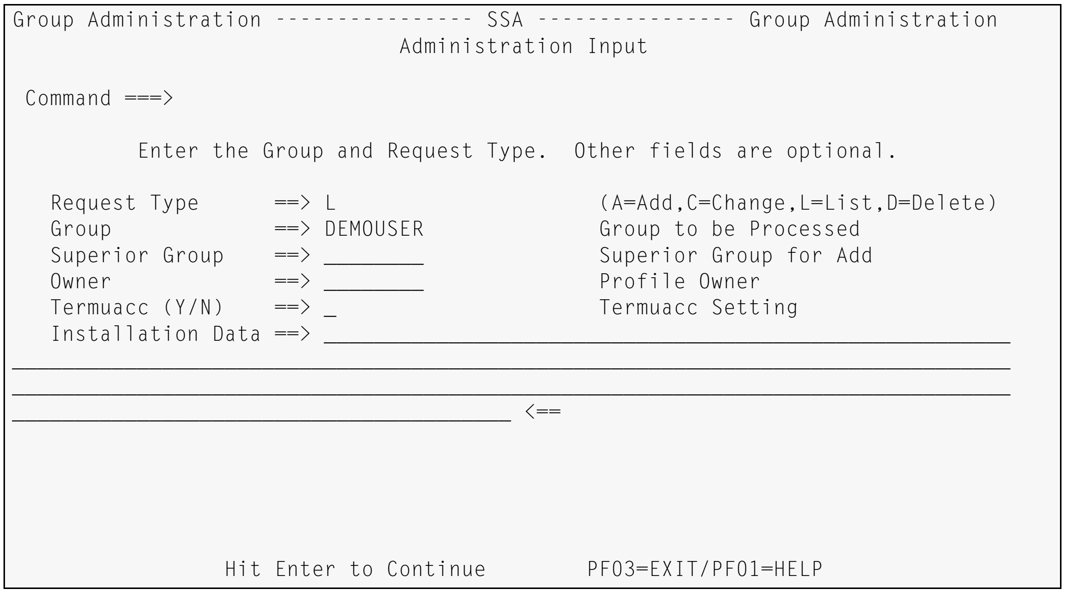
This process updates the Installation Data field.

Group Administration Screens

Perform List Group

Perform the following steps to issue the equivalency of a RACF List Group command (i.e., LU DEMOTEST):

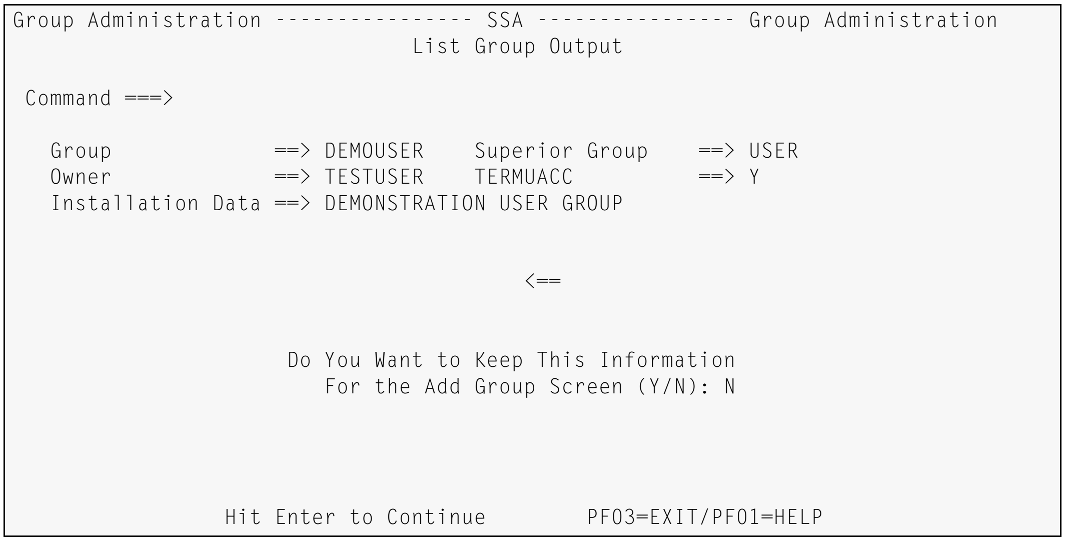
1. Enter ‘L’ as the request type.
2. Enter the group in the GROUP field and press ENTER.



```
Group Administration ---------------- SSA ---------------- Group Administration
                               Administration Input

 Command ===>

          Enter the Group and Request Type.  Other fields are optional.

   Request Type      ==> L                      (A=Add,C=Change,L=List,D=Delete)
   Group             ==> DEMOUSER               Group to be Processed
   Superior Group    ==> ________               Superior Group for Add
   Owner             ==> ________               Profile Owner
   Termuacc (Y/N)    ==> _                      Termuacc Setting
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==




                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

List Group Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



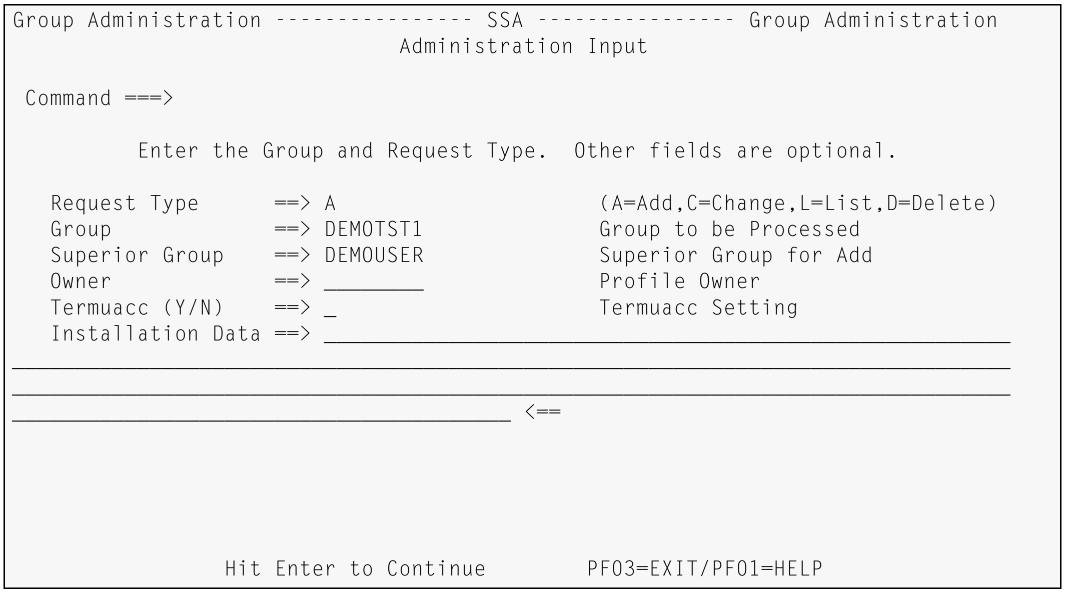
```
Group Administration ---------------- SSA ---------------- Group Administration
                                List Group Output

 Command ===>

   Group             ==> DEMOUSER    Superior Group    ==> USER
   Owner             ==> TESTUSER    TERMUACC          ==> Y
   Installation Data ==> DEMONSTRATION USER GROUP


                                         <==


                      Do You Want to Keep This Information
                         For the Add Group Screen (Y/N): N




                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Always press ENTER after a List Group, or to recover from a message, to return to the Group Administration Main panel.

Add Group

Perform the following steps to issue the equivalency of a RACF Add Group command (i.e., ADDGROUP DEMOTST1 SUPGRP(DEMOUSER) OWNER(DEMOUSER):

1. Enter ‘A’ as the request type.
2. Enter the group into the GROUP field.
3. Enter a superior group that you are authorized to use in the SUPERIOR GROUP field. By not entering in the owner, the owner is set to the superior group entered.
4. Determine if TERMUACC is to be on or off (optional) and hit Enter.



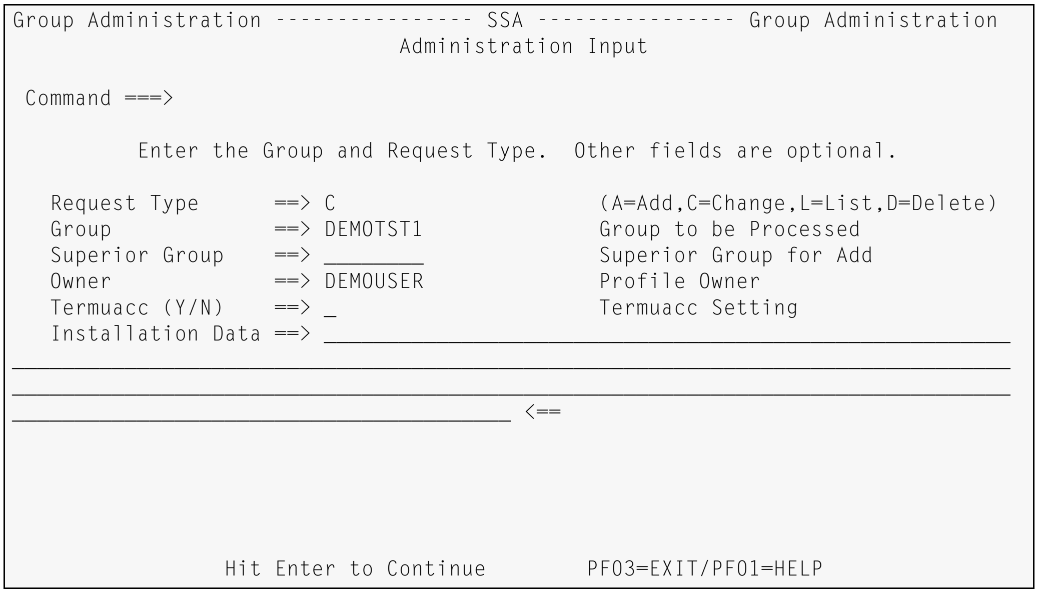
```
Group Administration ---------------- SSA ---------------- Group Administration
                               Administration Input

 Command ===>

          Enter the Group and Request Type.  Other fields are optional.

   Request Type      ==> A                    (A=Add,C=Change,L=List,D=Delete)
   Group             ==> DEMOTST1             Group to be Processed
   Superior Group    ==> DEMOUSER             Superior Group for Add
   Owner             ==> ________             Profile Owner
   Termuacc (Y/N)    ==> _                    Termuacc Setting
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==




                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process adds the group to the superior group. The profile owner is also optional. If not specified the owner is set to the same value as the default group entered. The TERMUACC if not entered, defaults to ‘Y’.

Change Various Fields

Perform the following steps to issue the equivalency of a RACF Alter Group Owner TERMUACC (i.e., ALTGROUP DEMOTST1 OWNER(DEMOUSER) TERMUACC):

1. Enter ‘C’ as the request type.
2. Enter the group into the GROUP field.
3. Enter the owner in the OWNER field (optional).
4. Enter ‘Y’ or ‘N” in the TERMUACC field (optional).



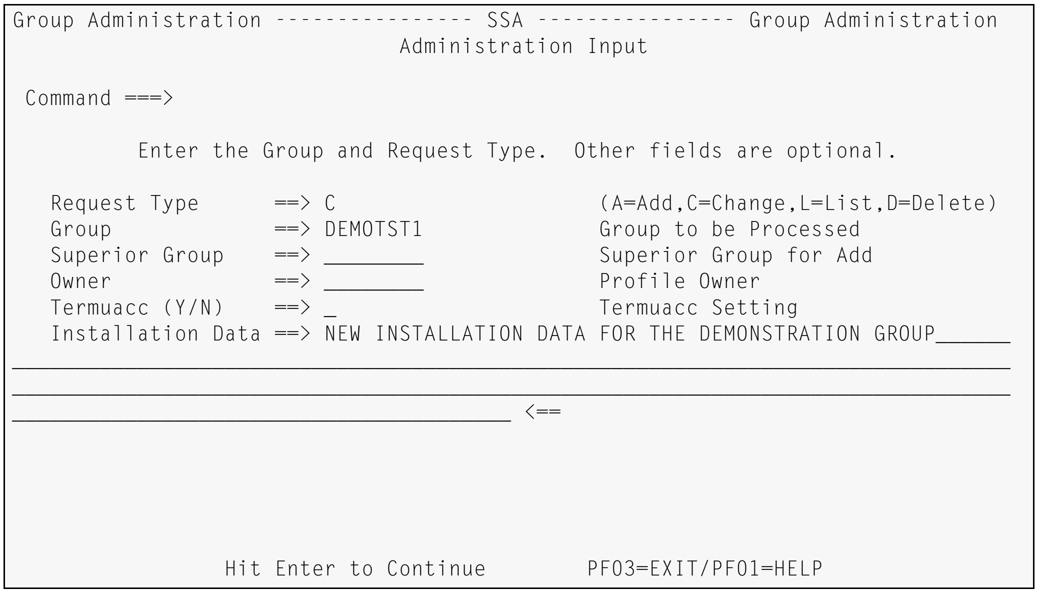
```
Group Administration ---------------- SSA ---------------- Group Administration
                               Administration Input

 Command ===>

          Enter the Group and Request Type.  Other fields are optional.

   Request Type      ==> C                     (A=Add,C=Change,L=List,D=Delete)
   Group             ==> DEMOTST1              Group to be Processed
   Superior Group    ==> ________              Superior Group for Add
   Owner             ==> DEMOUSER              Profile Owner
   Termuacc (Y/N)    ==> _                     Termuacc Setting
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==




                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process updates the profile owner or TERMUACC field.

Add/Replace Group Installation Data

Perform the following steps to add or replace installation data for the specified group:

1. Enter ‘A’ for the request type if you are adding the group or ‘C’ if you are changing the group.
2. Enter the group into the GROUP field.
3. TAB to the Installation Data field, type in data, and press ENTER.



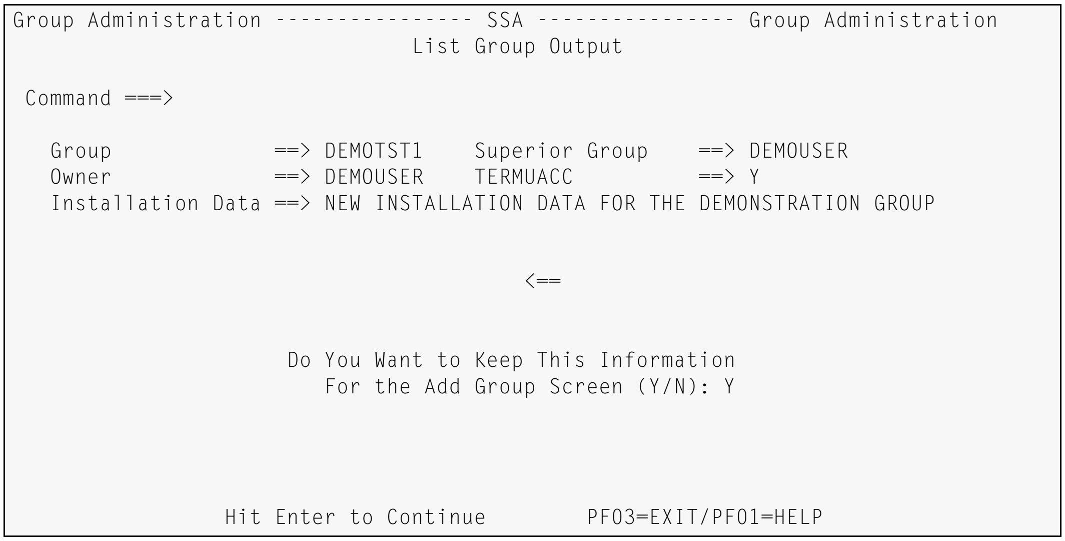
```
Group Administration ---------------- SSA ---------------- Group Administration
                               Administration Input

 Command ===>

          Enter the Group and Request Type.  Other fields are optional.

   Request Type      ==> C                    (A=Add,C=Change,L=List,D=Delete)
   Group             ==> DEMOTST1             Group to be Processed
   Superior Group    ==> ________             Superior Group for Add
   Owner             ==> ________             Profile Owner
   Termuacc (Y/N)    ==> _                    Termuacc Setting
   Installation Data ==> NEW INSTALLATION DATA FOR THE DEMONSTRATION GROUP______
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==





                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process updates the Installation Data field.

Update Existing Group Installation Data

Perform the following steps to add or replace installation data for the specified group:

1. Enter ‘L’ as the request type to list the group.
2. Enter the group into the GROUP field and press ENTER.
3. TAB to the Keep Installation Data field, type a 'Y', and press ENTER.
4. TAB to the Installation Data field, type in changes to data, and press ENTER.



```
Group Administration ---------------- SSA ---------------- Group Administration
                                List Group Output

 Command ===>

   Group             ==> DEMOTST1    Superior Group    ==> DEMOUSER
   Owner             ==> DEMOUSER    TERMUACC          ==> Y
   Installation Data ==> NEW INSTALLATION DATA FOR THE DEMONSTRATION GROUP


                                         <==


                      Do You Want to Keep This Information
                         For the Add Group Screen (Y/N): Y




                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

When you specify 'Y' to Keep Installation Data, the installation data will be passed back to the Input Screen.

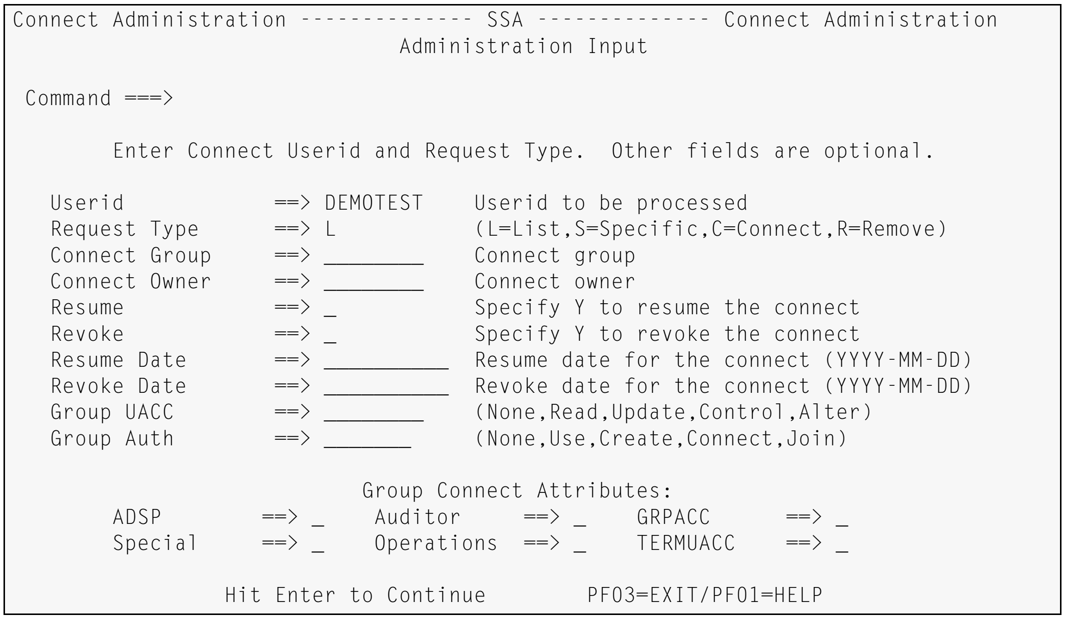
This process updates the Installation Data field.

Connect Administration Screens

List All Connects

Perform the following steps to issue the equivalency of a RACF List User command that shows only connect groups for which the user is authorized to (i.e., LU DEMOTEST):

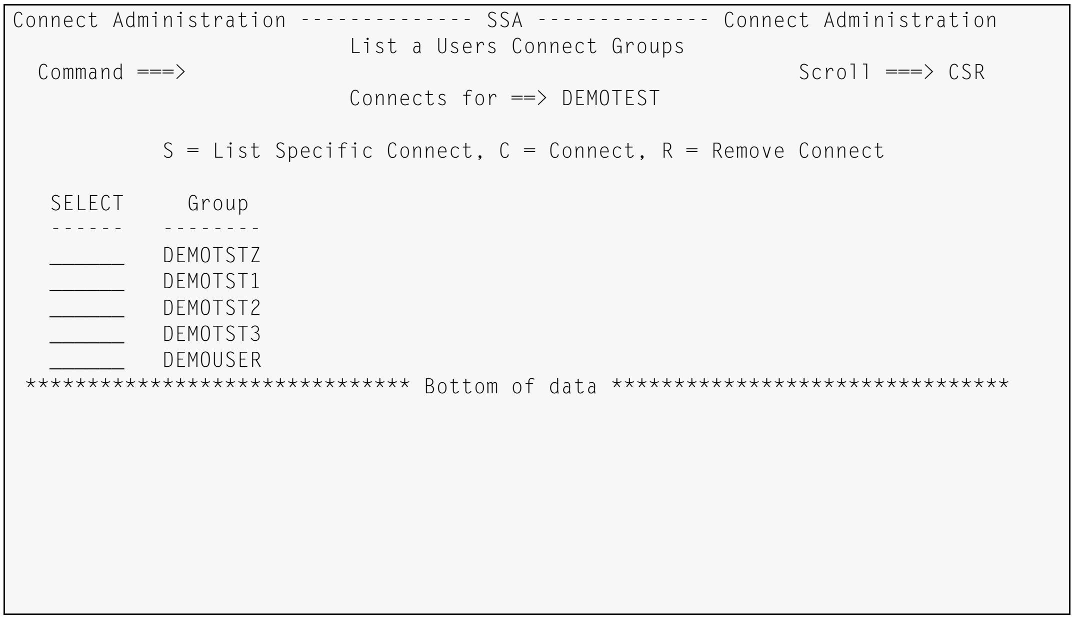
1. Enter the <userid> in the USERID field, enter an ‘L’ in the Request Type field, and press ENTER.



```
Connect Administration -------------- SSA -------------- Connect Administration
                               Administration Input

 Command ===>

        Enter Connect Userid and Request Type.  Other fields are optional.

   Userid            ==> DEMOTEST    Userid to be processed
   Request Type      ==> L           (L=List,S=Specific,C=Connect,R=Remove)
   Connect Group     ==> ________    Connect group
   Connect Owner     ==> ________    Connect owner
   Resume            ==> _           Specify Y to resume the connect
   Revoke            ==> _           Specify Y to revoke the connect
   Resume Date       ==> __________  Resume date for the connect (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the connect (YYYY-MM-DD)
   Group UACC        ==> ________    (None,Read,Update,Control,Alter)
   Group Auth        ==> _______     (None,Use,Create,Connect,Join)

                            Group Connect Attributes:
        ADSP        ==> _    Auditor     ==> _    GRPACC      ==> _
        Special     ==> _    Operations  ==> _    TERMUACC    ==> _

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

List All Connects Display

If the user has READ access to the appropriate MAA$RULE class profile, the following screen will be displayed.



```
Connect Administration -------------- SSA -------------- Connect Administration
                           List a Users Connect Groups
  Command ===>                                                 Scroll ===> CSR
                           Connects for ==> DEMOTEST

            S = List Specific Connect, C = Connect, R = Remove Connect

   SELECT     Group
   ------   --------
   ______   DEMOTSTZ
   ______   DEMOTST1
   ______   DEMOTST2
   ______   DEMOTST3
   ______   DEMOUSER
 ******************************* Bottom of data ********************************
```

You may ‘select and scroll’ through the listing and specify, in the select column, any of the following options:

- List Specific Connect (S)

  Displays a screen with specific information about the connect. See List Specific Connect for screen example.

- Connect (C)

  Displays the Connect Administration Main Panel with appropriate fields filled in.

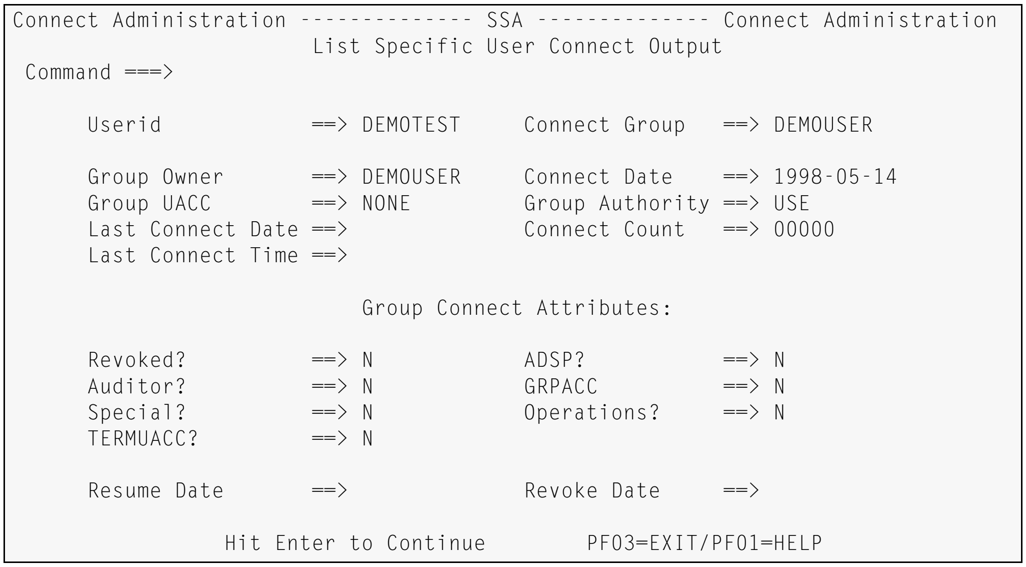
- Remove Connect (R)

  Displays a confirmation panel to confirm the remove request. If the request is confirmed with a ‘Y’ then the user will be removed from the group.

Note: This screen lists only those groups authorized to the user by SSA.$CONNECT.<group> authority profiles.

List Specific Connect Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.

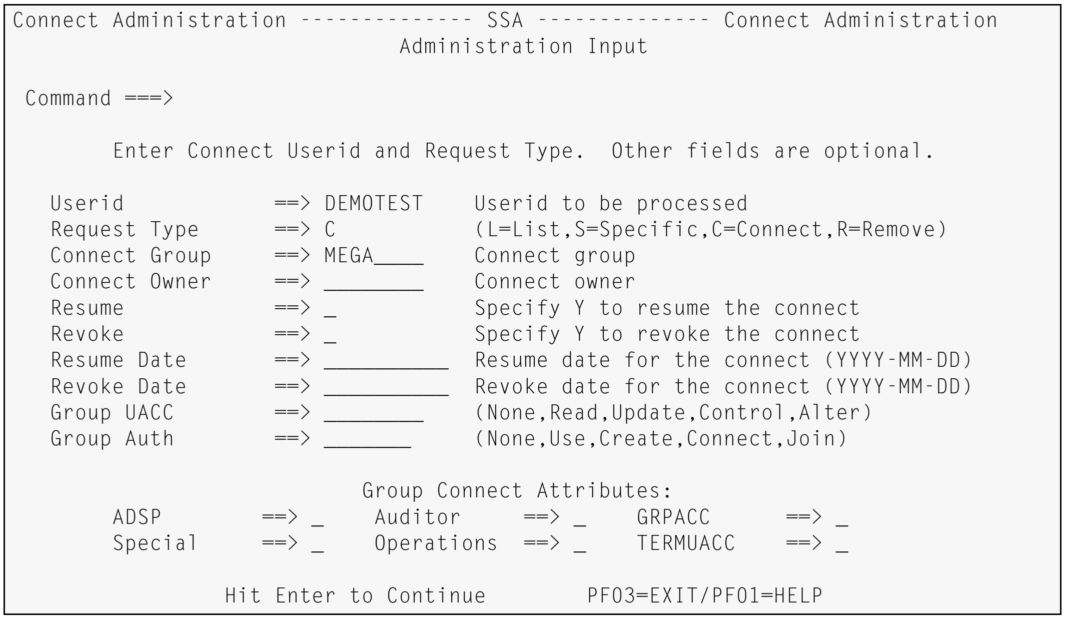


```
Connect Administration -------------- SSA -------------- Connect Administration
                        List Specific User Connect Output
 Command ===>

      Userid            ==> DEMOTEST     Connect Group   ==> DEMOUSER

      Group Owner       ==> DEMOUSER     Connect Date    ==> 1998-05-14
      Group UACC        ==> NONE         Group Authority ==> USE
      Last Connect Date ==>              Connect Count   ==> 00000
      Last Connect Time ==>

                            Group Connect Attributes:

      Revoked?          ==> N            ADSP?           ==> N
      Auditor?          ==> N            GRPACC          ==> N
      Special?          ==> N            Operations?     ==> N
      TERMUACC?         ==> N

      Resume Date       ==>              Revoke Date     ==>

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Connect a User to a Group

Perform the following steps to issue the equivalency of a RACF CONNECT <*userid*> GROUP(<*group*>) command.

1. Enter the <userid> into the USERID field.
2. Enter ‘C’ in the Request Type field.
3. Enter a <group> in the Connect Group field, and press ENTER.



```
Connect Administration ------------- SSA ------------- Connect Administration
                              Administration Input

 Command ===>

        Enter Connect Userid and Request Type.  Other fields are optional.

   Userid            ==> DEMOTEST    Userid to be processed
   Request Type      ==> C           (L=List,S=Specific,C=Connect,R=Remove)
   Connect Group     ==> MEGA____    Connect group
   Connect Owner     ==> ________    Connect owner
   Resume            ==> _           Specify Y to resume the connect
   Revoke            ==> _           Specify Y to revoke the connect
   Resume Date       ==> __________  Resume date for the connect (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the connect (YYYY-MM-DD)
   Group UACC        ==> ________    (None,Read,Update,Control,Alter)
   Group Auth        ==> _______     (None,Use,Create,Connect,Join)

                           Group Connect Attributes:
        ADSP        ==> _    Auditor     ==> _    GRPACC      ==> _
        Special     ==> _    Operations  ==> _    TERMUACC    ==> _

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process connects the user to the specified group.

For a new connect the following defaults will be used if not explicitly specified:

- UACC(NONE)
- NOTERMUACC
- OWNER(<*group*>)

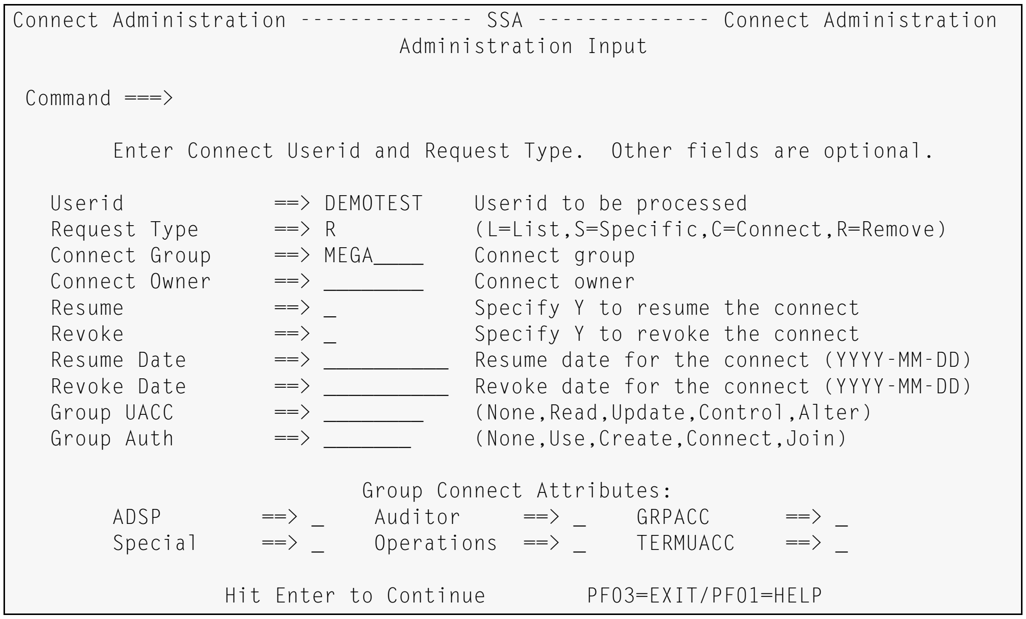
For existing connects, unless explicitly specified, no fields will be changed.

Note: You may request any combination of Connect Administration functions. If the user does not have the correct access level to the SSA.$CONNECT profile to do any one of the functions the entire request is failed (no partial updates are processed).

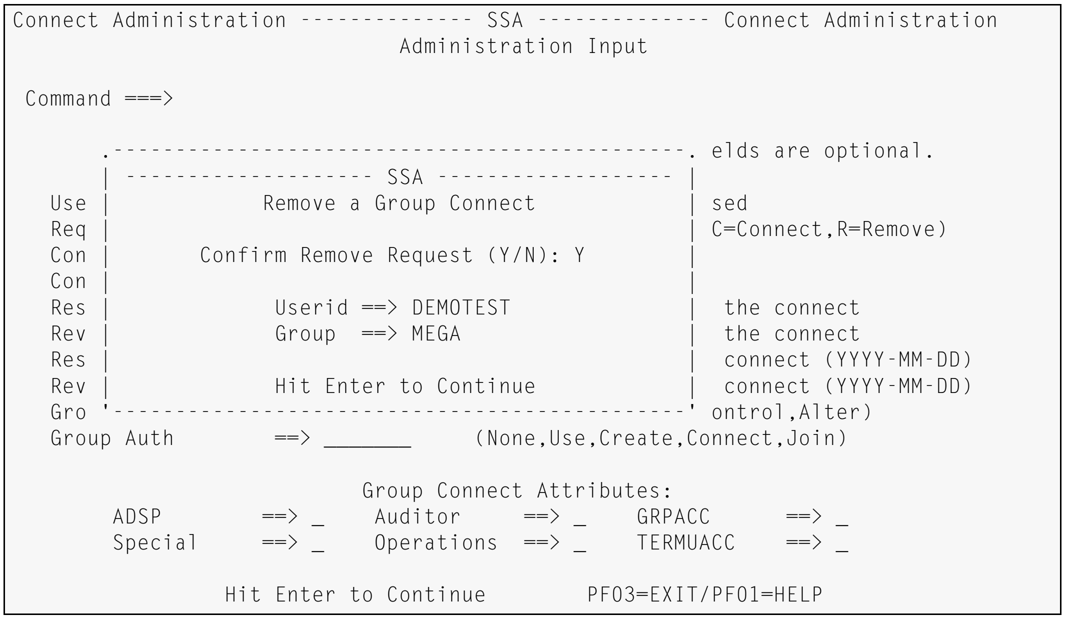
Remove User from Group

Perform the following steps to issue the equivalency of a RACF REMOVE <*userid*> GROUP(<*group*>) command:

1. Enter the <userid> into the USERID field.
2. Enter ‘R’ in the Request Type field.
3. Enter a <group> in the Connect Group field, and press ENTER.
4. Type a ‘Y’ in the Confirmation Pop-up Panel when prompted and press ENTER.



```
Connect Administration -------------- SSA -------------- Connect Administration
                               Administration Input

 Command ===>

        Enter Connect Userid and Request Type.  Other fields are optional.

   Userid            ==> DEMOTEST    Userid to be processed
   Request Type      ==> R           (L=List,S=Specific,C=Connect,R=Remove)
   Connect Group     ==> MEGA____    Connect group
   Connect Owner     ==> ________    Connect owner
   Resume            ==> _           Specify Y to resume the connect
   Revoke            ==> _           Specify Y to revoke the connect
   Resume Date       ==> __________  Resume date for the connect (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the connect (YYYY-MM-DD)
   Group UACC        ==> ________    (None,Read,Update,Control,Alter)
   Group Auth        ==> _______     (None,Use,Create,Connect,Join)

                            Group Connect Attributes:
        ADSP        ==> _    Auditor     ==> _    GRPACC      ==> _
        Special     ==> _    Operations  ==> _    TERMUACC    ==> _

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

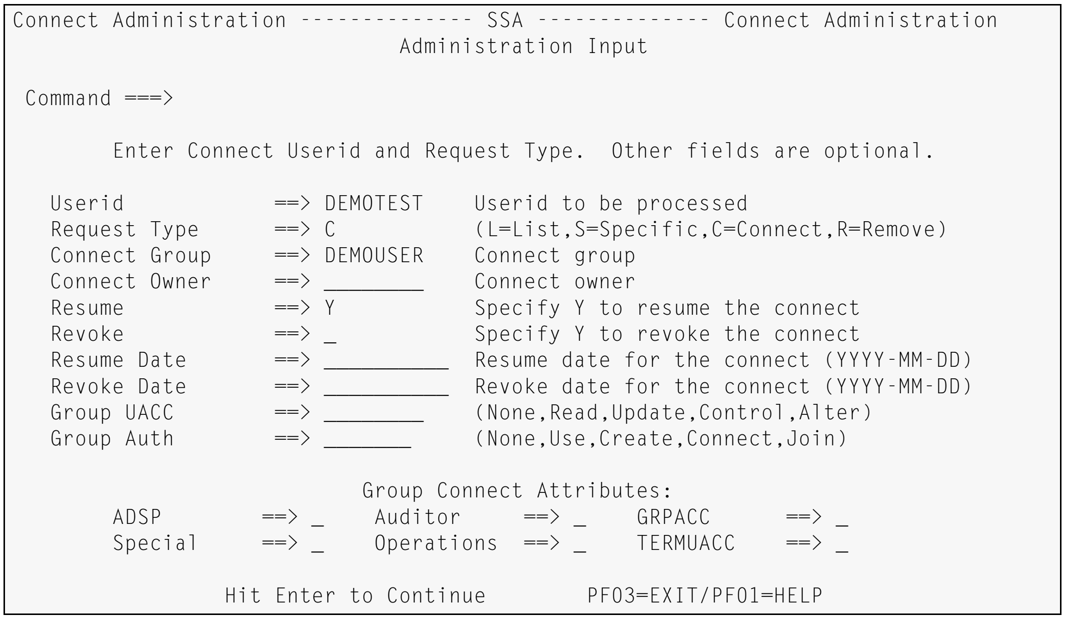


```
Connect Administration -------------- SSA -------------- Connect Administration
                               Administration Input

 Command ===>

       .---------------------------------------------. elds are optional.
       | -------------------- SSA ------------------- |
   Use |            Remove a Group Connect           | sed
   Req |                                             | C=Connect,R=Remove)
   Con |       Confirm Remove Request (Y/N): Y       |
   Con |                                             |
   Res |             Userid ==> DEMOTEST             |  the connect
   Rev |             Group  ==> MEGA                 |  the connect
   Res |                                             |  connect (YYYY-MM-DD)
   Rev |             Hit Enter to Continue           |  connect (YYYY-MM-DD)
   Gro '---------------------------------------------' ontrol,Alter)
   Group Auth        ==> _______     (None,Use,Create,Connect,Join)

                            Group Connect Attributes:
        ADSP        ==> _    Auditor     ==> _    GRPACC      ==> _
        Special     ==> _    Operations  ==> _    TERMUACC    ==> _

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Resume a Connect

Perform the following steps to issue the equivalency of a RACF CONNECT <*userid*> GROUP(<*group*>) RESUME command:

1. Enter the <userid> into the USERID field.
2. Enter ‘C’ in the Request Type field.
3. Enter a <group> in the Connect Group field.
4. Type a ‘Y’ in the Resume field, and press ENTER.

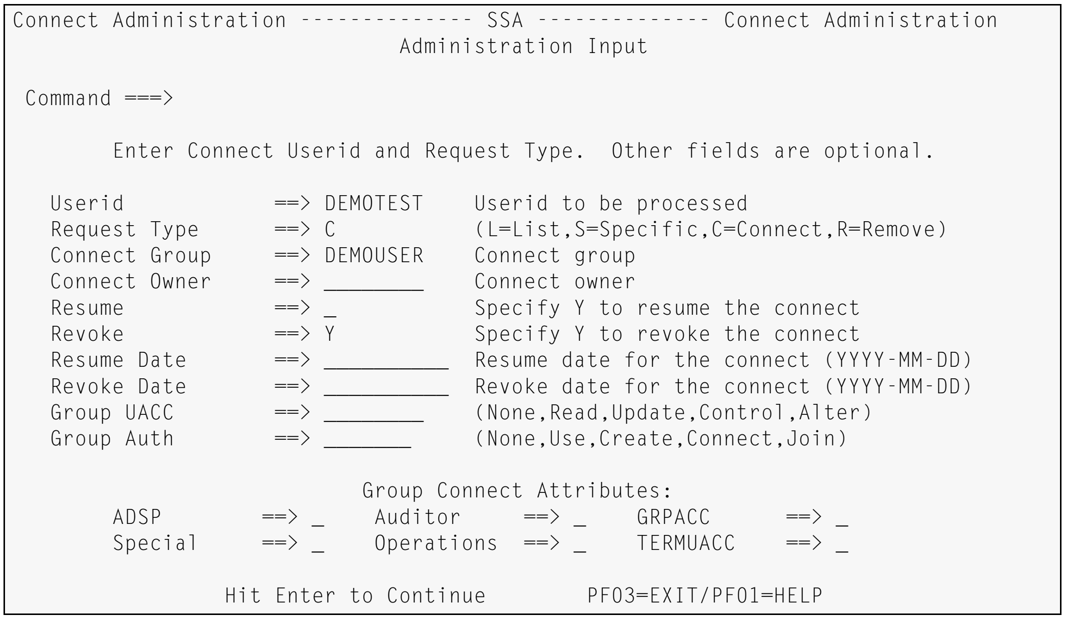


```
Connect Administration ------------- SSA ------------- Connect Administration
                               Administration Input

 Command ===>

        Enter Connect Userid and Request Type.  Other fields are optional.

   Userid            ==> DEMOTEST    Userid to be processed
   Request Type      ==> C           (L=List,S=Specific,C=Connect,R=Remove)
   Connect Group     ==> DEMOUSER    Connect group
   Connect Owner     ==> ________    Connect owner
   Resume            ==> Y           Specify Y to resume the connect
   Revoke            ==> _           Specify Y to revoke the connect
   Resume Date       ==> __________  Resume date for the connect (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the connect (YYYY-MM-DD)
   Group UACC        ==> ________    (None,Read,Update,Control,Alter)
   Group Auth        ==> _______     (None,Use,Create,Connect,Join)

                            Group Connect Attributes:
        ADSP        ==> _    Auditor     ==> _    GRPACC      ==> _
        Special     ==> _    Operations  ==> _    TERMUACC    ==> _

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Revoke a Connect

Perform the following steps to issue the equivalency of a RACF CONNECT <*userid*> GROUP(<*group*>) REVOKE command:

1. Enter the <userid> into the USERID field.
2. Enter ‘C’ in the Request Type field.
3. Enter a <group> in the Connect Group field.
4. Type a ‘Y’ in the Revoke field, and press ENTER.

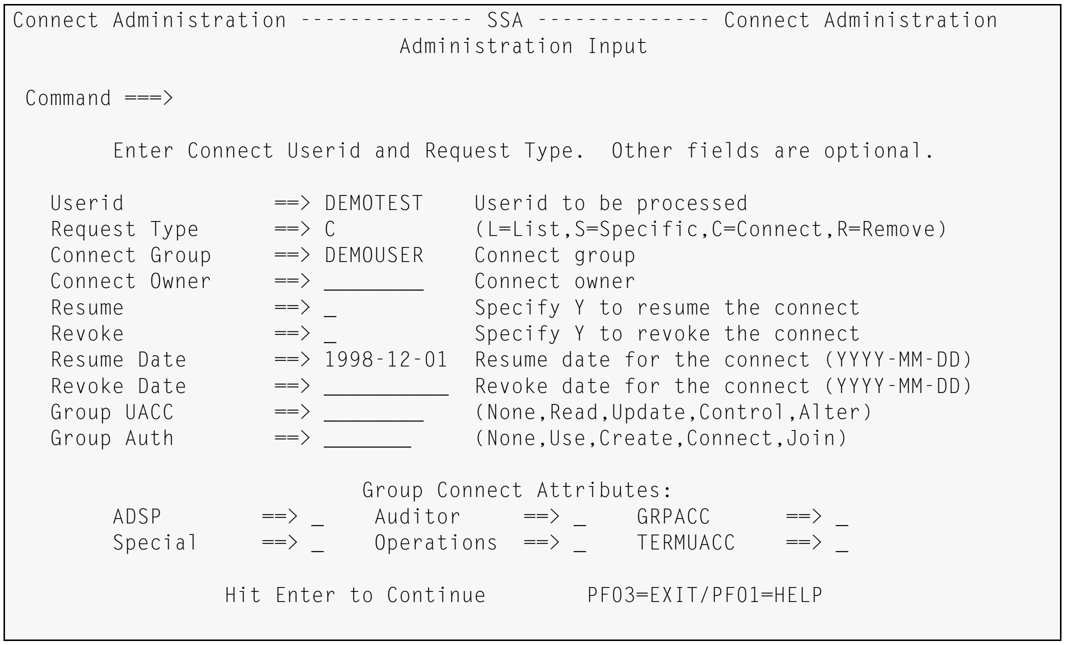


```
Connect Administration ------------- SSA ------------- Connect Administration
                              Administration Input

 Command ===>

        Enter Connect Userid and Request Type.  Other fields are optional.

   Userid            ==> DEMOTEST    Userid to be processed
   Request Type      ==> C           (L=List,S=Specific,C=Connect,R=Remove)
   Connect Group     ==> DEMOUSER    Connect group
   Connect Owner     ==> ________    Connect owner
   Resume            ==> _           Specify Y to resume the connect
   Revoke            ==> Y           Specify Y to revoke the connect
   Resume Date       ==> __________  Resume date for the connect (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the connect (YYYY-MM-DD)
   Group UACC        ==> ________    (None,Read,Update,Control,Alter)
   Group Auth        ==> _______     (None,Use,Create,Connect,Join)

                           Group Connect Attributes:
        ADSP        ==> _    Auditor     ==> _    GRPACC      ==> _
        Special     ==> _    Operations  ==> _    TERMUACC    ==> _

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Set a Resume Date on a Connect

Perform the following steps to issue the equivalency of a RACF CONNECT <*userid*> GROUP(<*group*>) RESUME(<*date*>) command:

1. Enter the <userid> into the USERID field.
2. Enter ‘C’ in the Request Type field.
3. Enter a <group> in the Connect Group field.
4. Enter a Gregorian <date> in the format of YYYY-MM-DD, that is greater than the current date, in the RESUME DATE field, and press ENTER.

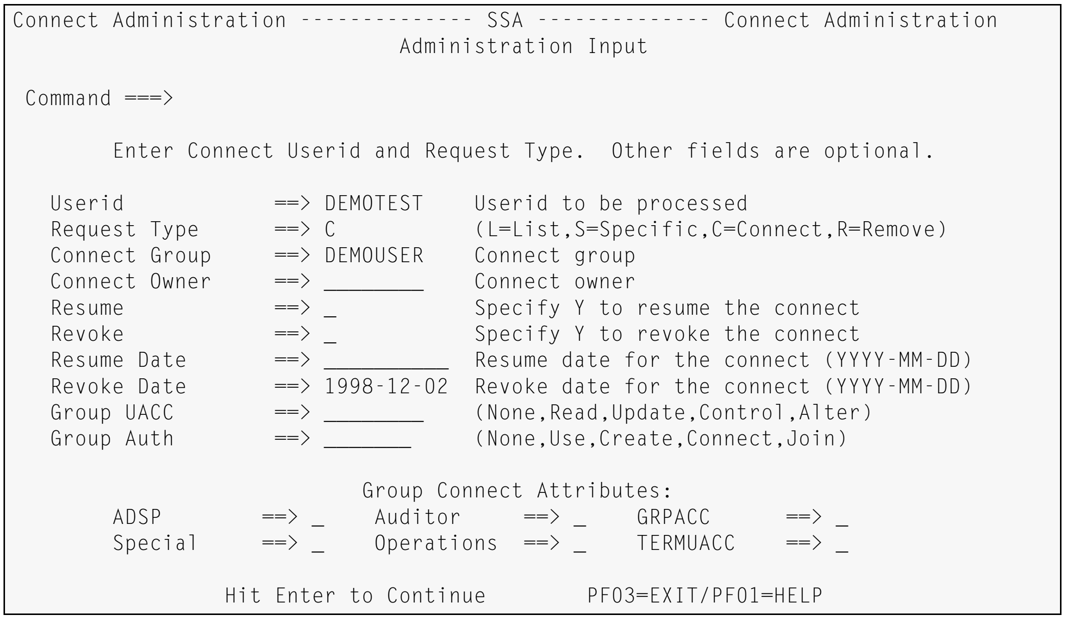


```
Connect Administration -------------- SSA -------------- Connect Administration
                              Administration Input

 Command ===>

        Enter Connect Userid and Request Type.  Other fields are optional.

   Userid            ==> DEMOTEST    Userid to be processed
   Request Type      ==> C           (L=List,S=Specific,C=Connect,R=Remove)
   Connect Group     ==> DEMOUSER    Connect group
   Connect Owner     ==> ________    Connect owner
   Resume            ==> _           Specify Y to resume the connect
   Revoke            ==> _           Specify Y to revoke the connect
   Resume Date       ==> 1998-12-01  Resume date for the connect (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the connect (YYYY-MM-DD)
   Group UACC        ==> ________    (None,Read,Update,Control,Alter)
   Group Auth        ==> _______     (None,Use,Create,Connect,Join)

                           Group Connect Attributes:
        ADSP        ==> _    Auditor     ==> _    GRPACC      ==> _
        Special     ==> _    Operations  ==> _    TERMUACC    ==> _

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Set a Revoke Date on a Connect

Perform the following steps to issue the equivalency of a RACF CONNECT <*userid*> GROUP(<*group*>) REVOKE(<*date*>) command:

1. Enter the <userid> into the USERID field.
2. Enter ‘C’ in the Request Type field.
3. Enter a <group> in the Connect Group field.
4. Enter a Gregorian <date> in the format of YYYY-MM-DD, that is greater than the current date, in the REVOKE DATE field, and press ENTER.

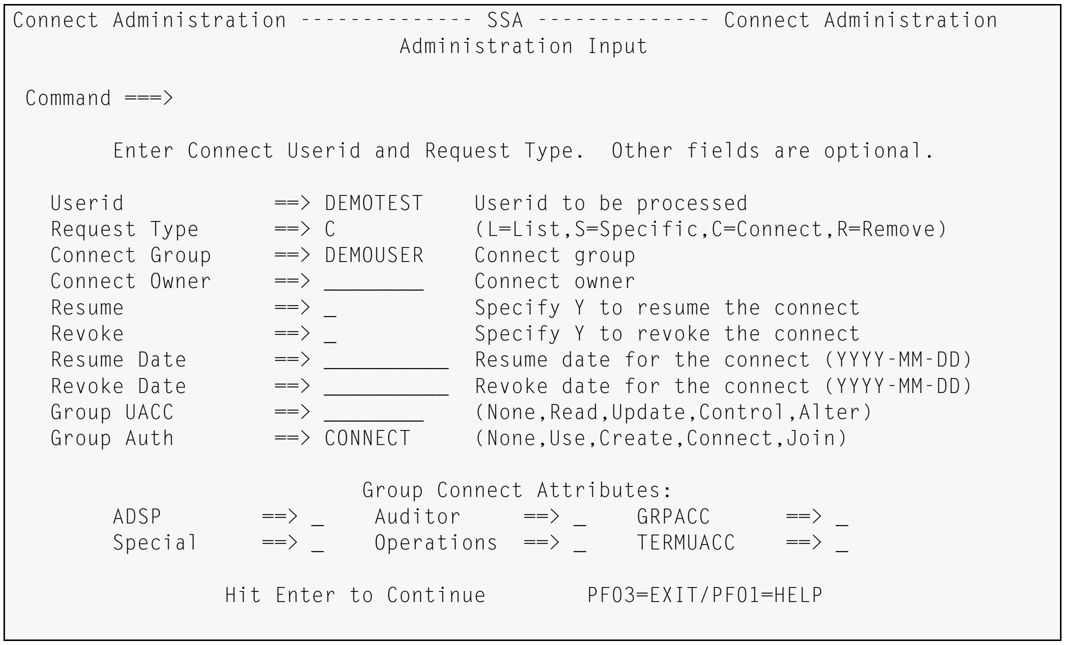


```
Connect Administration -------------- SSA -------------- Connect Administration
                               Administration Input

 Command ===>

        Enter Connect Userid and Request Type.  Other fields are optional.

   Userid            ==> DEMOTEST    Userid to be processed
   Request Type      ==> C           (L=List,S=Specific,C=Connect,R=Remove)
   Connect Group     ==> DEMOUSER    Connect group
   Connect Owner     ==> ________    Connect owner
   Resume            ==> _           Specify Y to resume the connect
   Revoke            ==> _           Specify Y to revoke the connect
   Resume Date       ==> __________  Resume date for the connect (YYYY-MM-DD)
   Revoke Date       ==> 1998-12-02  Revoke date for the connect (YYYY-MM-DD)
   Group UACC        ==> ________    (None,Read,Update,Control,Alter)
   Group Auth        ==> _______     (None,Use,Create,Connect,Join)

                            Group Connect Attributes:
        ADSP        ==> _    Auditor     ==> _    GRPACC      ==> _
        Special     ==> _    Operations  ==> _    TERMUACC    ==> _

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Change Connect Authority

Perform the following steps to issue the equivalency of a RACF CONNECT <*userid*> GROUP(<*group*>) AUTH(<*auth*>) command:

1. Enter the <userid> into the USERID field.
2. Enter ‘C’ in the Request Type field.
3. Enter a <group> in the Connect Group field.
4. Enter an <auth> value in the Group Auth field, and press ENTER.



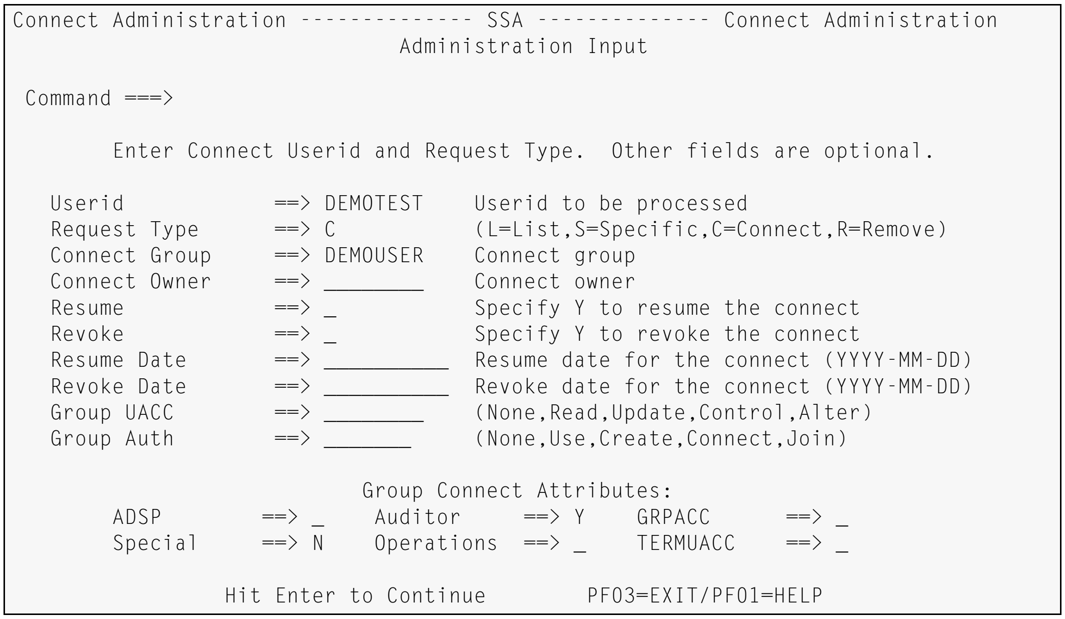
```
Connect Administration -------------- SSA -------------- Connect Administration
                               Administration Input

 Command ===>

        Enter Connect Userid and Request Type.  Other fields are optional.

   Userid            ==> DEMOTEST    Userid to be processed
   Request Type      ==> C           (L=List,S=Specific,C=Connect,R=Remove)
   Connect Group     ==> DEMOUSER    Connect group
   Connect Owner     ==> ________    Connect owner
   Resume            ==> _           Specify Y to resume the connect
   Revoke            ==> _           Specify Y to revoke the connect
   Resume Date       ==> __________  Resume date for the connect (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the connect (YYYY-MM-DD)
   Group UACC        ==> ________    (None,Read,Update,Control,Alter)
   Group Auth        ==> CONNECT     (None,Use,Create,Connect,Join)

                            Group Connect Attributes:
        ADSP        ==> _    Auditor     ==> _    GRPACC      ==> _
        Special     ==> _    Operations  ==> _    TERMUACC    ==> _

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Set/Remove Connect Attributes

Perform the following steps to issue the equivalency of a RACF CONNECT <*userid*> GROUP(<*group*>) <*attribute*> command:

1. Enter the <userid> into the USERID field.
2. Enter ‘C’ in the Request Type field.
3. Enter a <group> in the Connect Group field.
4. Enter a ‘Y’ or ‘N’ in the appropriate <attribute> field, and press ENTER.

Note: The example below will remove the SPECIAL attribute, if any, and set the AUDITOR attribute.



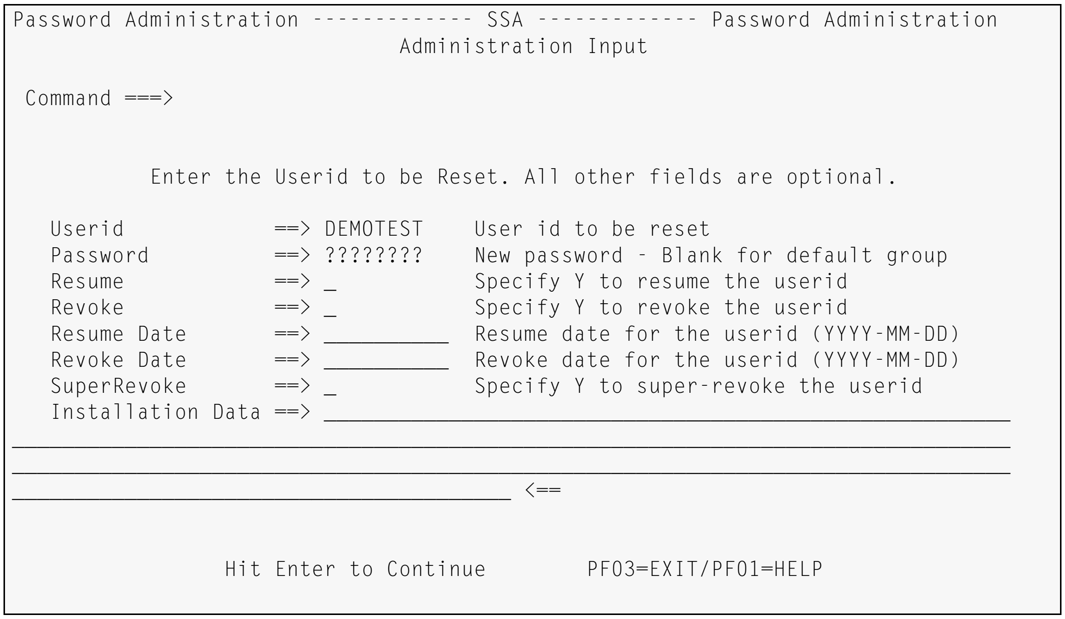
```
Connect Administration -------------- SSA -------------- Connect Administration
                               Administration Input

 Command ===>

        Enter Connect Userid and Request Type.  Other fields are optional.

   Userid            ==> DEMOTEST    Userid to be processed
   Request Type      ==> C           (L=List,S=Specific,C=Connect,R=Remove)
   Connect Group     ==> DEMOUSER    Connect group
   Connect Owner     ==> ________    Connect owner
   Resume            ==> _           Specify Y to resume the connect
   Revoke            ==> _           Specify Y to revoke the connect
   Resume Date       ==> __________  Resume date for the connect (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the connect (YYYY-MM-DD)
   Group UACC        ==> ________    (None,Read,Update,Control,Alter)
   Group Auth        ==> _______     (None,Use,Create,Connect,Join)

                            Group Connect Attributes:
        ADSP        ==> _    Auditor     ==> Y    GRPACC      ==> _
        Special     ==> N    Operations  ==> _    TERMUACC    ==> _

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Password Administration Screens

Perform List User

Perform the following steps to issue the equivalency of a RACF List User command (i.e., LU DEMOTEST):

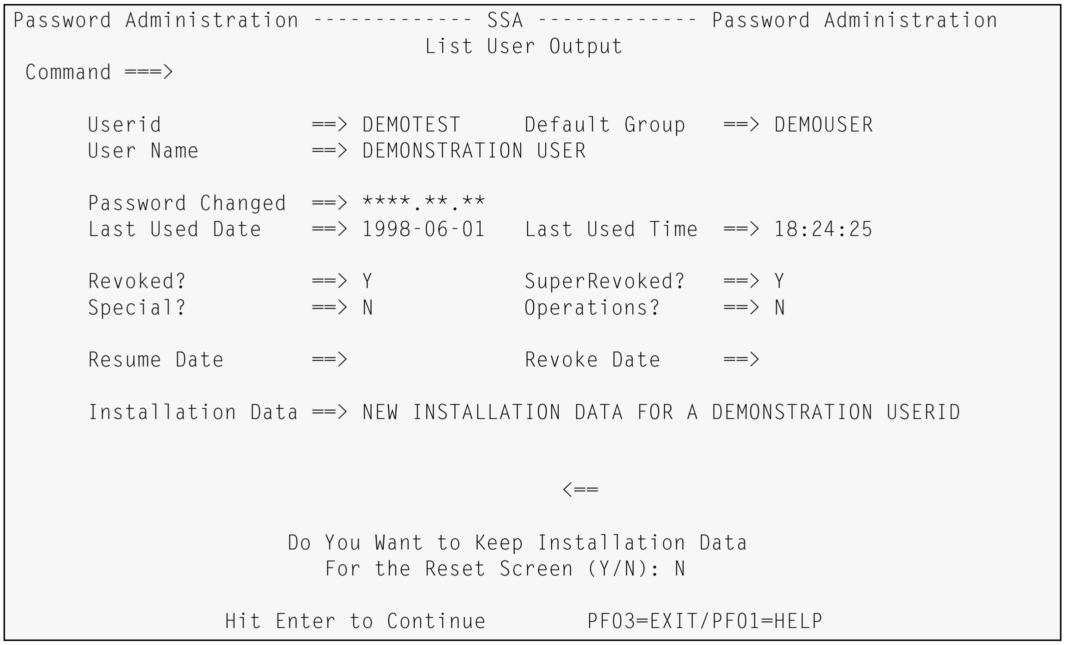
1. Enter the userid in the USERID field and press ENTER.



```
Password Administration ------------- SSA ------------- Password Administration
                               Administration Input

 Command ===>


          Enter the Userid to be Reset. All other fields are optional.

   Userid            ==> DEMOTEST    User id to be reset
   Password          ==> ????????    New password - Blank for default group
   Resume            ==> _           Specify Y to resume the userid
   Revoke            ==> _           Specify Y to revoke the userid
   Resume Date       ==> __________  Resume date for the userid (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the userid (YYYY-MM-DD)
   SuperRevoke       ==> _           Specify Y to super-revoke the userid
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==


                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

List User Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



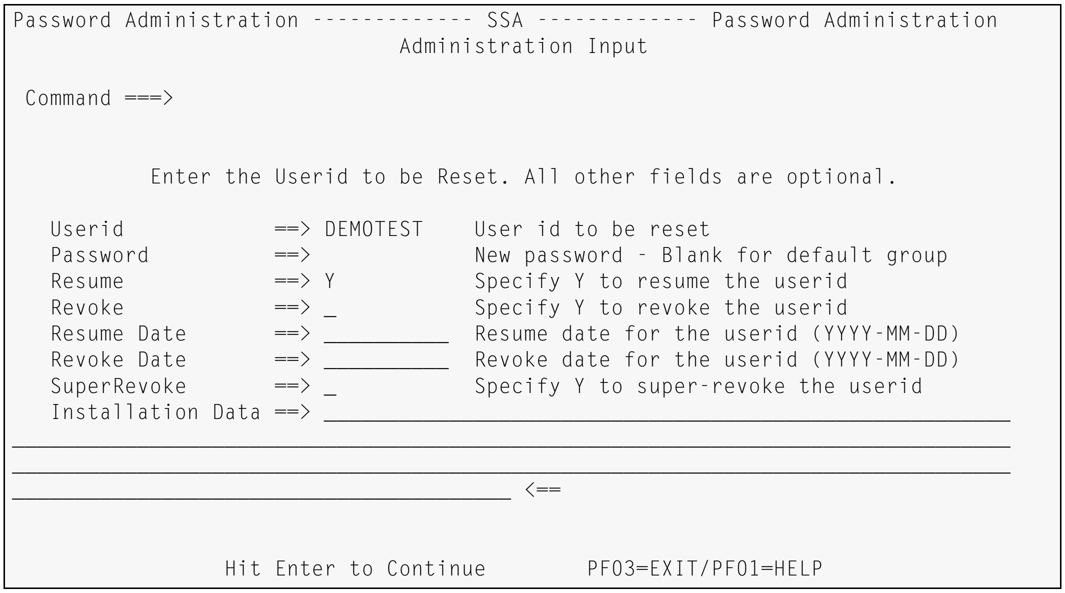
```
Password Administration ------------- SSA ------------- Password Administration
                                  List User Output
 Command ===>

      Userid            ==> DEMOTEST     Default Group   ==> DEMOUSER
      User Name         ==> DEMONSTRATION USER

      Password Changed  ==> ****.**.**
      Last Used Date    ==> 1998-06-01   Last Used Time  ==> 18:24:25

      Revoked?          ==> Y            SuperRevoked?   ==> Y
      Special?          ==> N            Operations?     ==> N

      Resume Date       ==>              Revoke Date     ==>

      Installation Data ==> NEW INSTALLATION DATA FOR A DEMONSTRATION USERID


                                              <==

                      Do You Want to Keep Installation Data
                         For the Reset Screen (Y/N): N

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Always press ENTER after a List User, or to recover from a message, to return to the Password Administration Main panel.

Set Password to Default Group and Resume User

Perform the following steps to issue the equivalency of a RACF Alter User Resume Password with no password. By not specifying a password, the password is reset to the default group of the userid being reset (i.e., ALTUSER DEMOTEST RESUME PASSWORD):

1. Enter the userid into the USERID field.
2. TAB to the PASSWORD field, depress the EOF (Erase End-Of-Field) key.
3. TAB to the RESUME field, type a 'Y', and press ENTER.



```
Password Administration ------------ SSA ------------ Password Administration
                              Administration Input

 Command ===>


           Enter the Userid to be Reset. All other fields are optional.

   Userid            ==> DEMOTEST    User id to be reset
   Password          ==>             New password - Blank for default group
   Resume            ==> Y           Specify Y to resume the userid
   Revoke            ==> _           Specify Y to revoke the userid
   Resume Date       ==> __________  Resume date for the userid (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the userid (YYYY-MM-DD)
   SuperRevoke       ==> _           Specify Y to super-revoke the userid
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==


                 Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

This process clears the REVOKE flag, the UNSUCCESSFUL LOGON ATTEMPT COUNTER field, the REVOKE and RESUME dates if any, updates the LASTUSED DATE/TIME fields with the current date and time, updates the PASSDATE field with the current Julian date, and changes the PASSWORD field to the password that is the name of the DEFAULT GROUP.

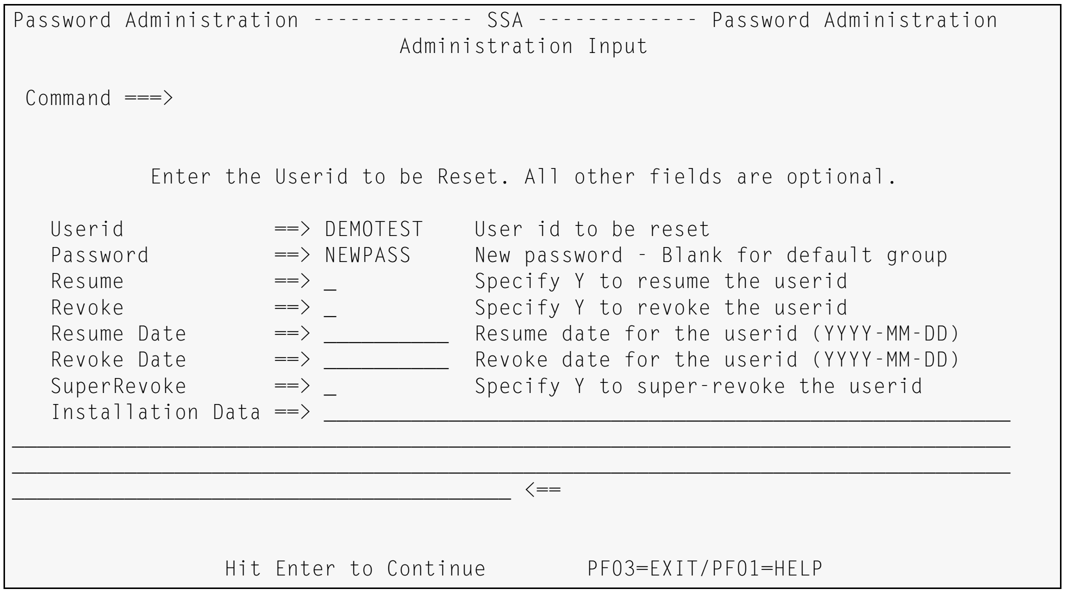
Note: Password Administration handles this request as two separate functions (a Resume and a Password Change) and will produce two RACF Type 80 SMF records.

You may request any combination of Password Administration functions. If the user does not have the correct access level to the SSA.$RESET profile to do any one of the functions the entire request is failed (no partial updates are processed).

Change Password

Perform the following steps to issue the equivalency of a RACF Alter User Password with a password specified (i.e., ALTUSER DEMOTEST PASSWORD(<password>):

1. Enter the userid into the USERID field.
2. TAB to the PASSWORD field, enter the desired password (clear the rest of the field by depressing the EOF (Erase End-Of-Field key), and press ENTER. You may change the Password to the Default Group by depressing the EOF (Erase End-Of-Field) key which clears the Password field, and then press ENTER.



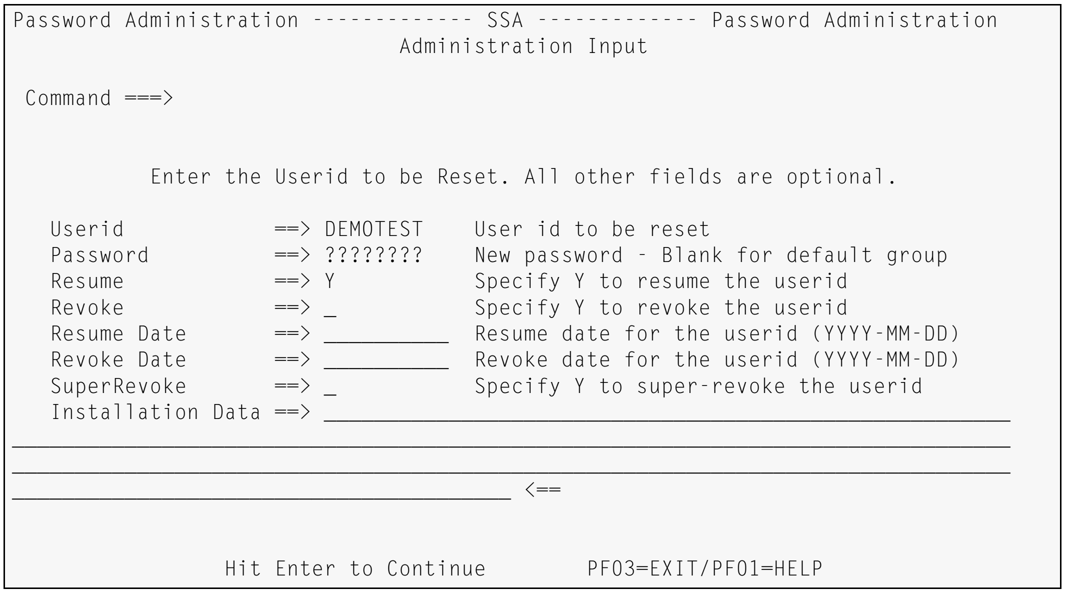
```
Password Administration ------------- SSA ------------- Password Administration
                               Administration Input

 Command ===>


           Enter the Userid to be Reset. All other fields are optional.

   Userid            ==> DEMOTEST    User id to be reset
   Password          ==> NEWPASS     New password - Blank for default group
   Resume            ==> _           Specify Y to resume the userid
   Revoke            ==> _           Specify Y to revoke the userid
   Resume Date       ==> __________  Resume date for the userid (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the userid (YYYY-MM-DD)
   SuperRevoke       ==> _           Specify Y to super-revoke the userid
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==


                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process updates the PASSDATE field with the current Julian date, changes the PASSWORD field with the specified password, and updates the LAST USED DATE/TIME fields with the current date and time.

Resume a Userid

Perform the following steps to issue the equivalency of a RACF Alter User Resume (i.e., ALTUSER DEMOTEST RESUME):

1. Enter the userid into the USERID field.
2. TAB to the RESUME field and enter a Y, and press ENTER.



```
Password Administration ------------- SSA ------------- Password Administration
                              Administration Input

 Command ===>


           Enter the Userid to be Reset. All other fields are optional.

   Userid            ==> DEMOTEST    User id to be reset
   Password          ==> ????????    New password - Blank for default group
   Resume            ==> Y           Specify Y to resume the userid
   Revoke            ==> _           Specify Y to revoke the userid
   Resume Date       ==> __________  Resume date for the userid (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the userid (YYYY-MM-DD)
   SuperRevoke       ==> _           Specify Y to super-revoke the userid
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==


                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

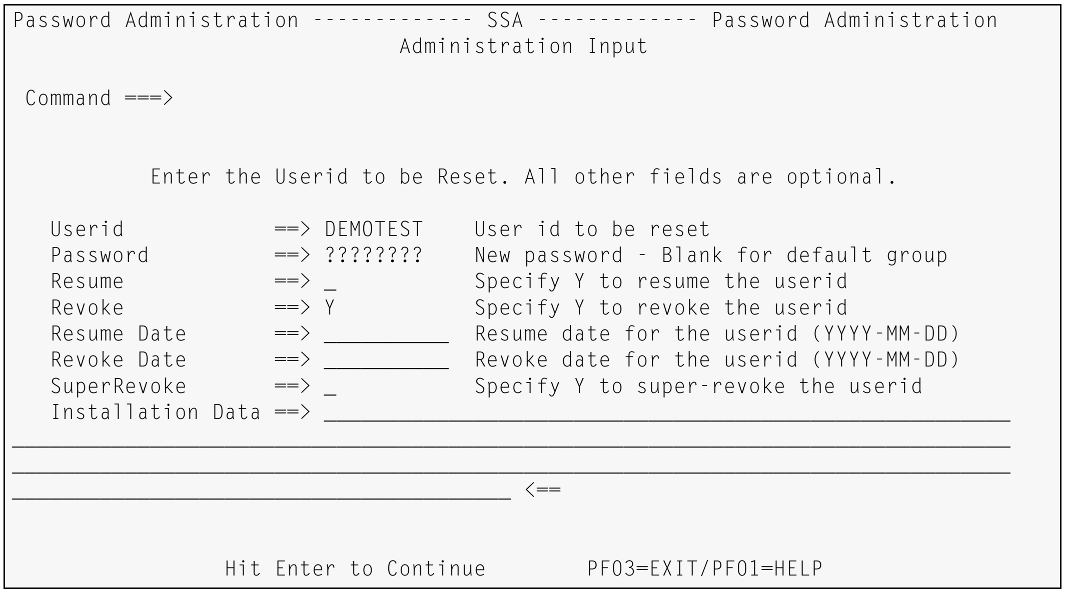
This process clears the REVOKE flag, the UNSUCCESSFUL LOGON ATTEMPT COUNTER field, the REVOKE and RESUME dates if any, and updates the LASTUSED DATE/TIME fields with the current date and time.

This process does not change the password of the userid.

Revoke a Userid

Perform the following steps to issue the equivalency of a RACF Alter User Revoke (i.e., ALTUSER DEMOTEST REVOKE):

1. Enter the userid into the USERID field.
2. TAB to the REVOKE field and enter a Y, and press ENTER.



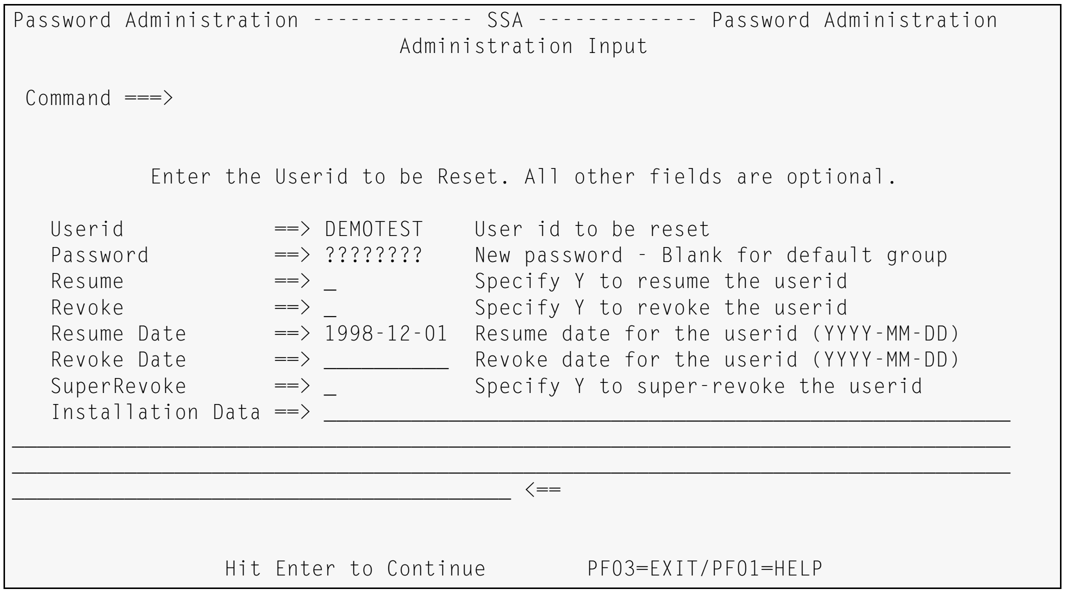
```
Password Administration ------------ SSA ------------ Password Administration
                               Administration Input

 Command ===>


           Enter the Userid to be Reset. All other fields are optional.

   Userid            ==> DEMOTEST    User id to be reset
   Password          ==> ????????    New password - Blank for default group
   Resume            ==> _           Specify Y to resume the userid
   Revoke            ==> Y           Specify Y to revoke the userid
   Resume Date       ==> __________  Resume date for the userid (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the userid (YYYY-MM-DD)
   SuperRevoke       ==> _           Specify Y to super-revoke the userid
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==


                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process sets the REVOKE flag, and clears the REVOKE and RESUME dates if any. This process does not change the password of the userid.

Set a Resume Date

Perform the following steps to issue the equivalency of a RACF Alter User Resume with a date (i.e., ALTUSER USERBOB RESUME(<date>):

1. Enter the userid into the USERID field.
2. TAB to the RESUME DATE field and enter a Gregorian date in the format of YYYY-MM-DD, that is greater than the current date, and press ENTER.



```
Password Administration ------------ SSA ------------ Password Administration
                              Administration Input

 Command ===>


           Enter the Userid to be Reset. All other fields are optional.

   Userid            ==> DEMOTEST    User id to be reset
   Password          ==> ????????    New password - Blank for default group
   Resume            ==> _           Specify Y to resume the userid
   Revoke            ==> _           Specify Y to revoke the userid
   Resume Date       ==> 1998-12-01  Resume date for the userid (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the userid (YYYY-MM-DD)
   SuperRevoke       ==> _           Specify Y to super-revoke the userid
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==


                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process updates the RESUME DATE field. This process does not change the password of the userid.

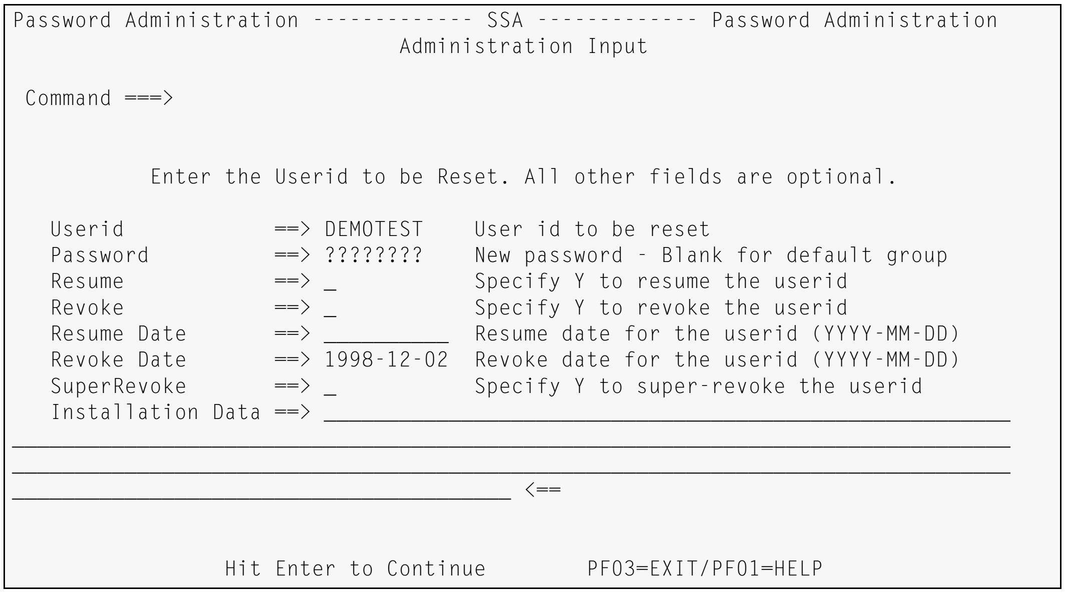
If you specify both RESUME DATE and REVOKE DATE that are the same, the RESUME DATE is ignored and the REVOKE DATE is updated with the date entered.

If there is a REVOKE DATE already set on the userid, and the RESUME DATE entered is the same, the RESUME DATE is ignored and the REVOKE DATE remains the same.

Set a Revoke Date

Perform the following steps to issue the equivalency of a RACF Alter User Revoke with a date (i.e., ALTUSER DEMOTEST REVOKE(<date>):

1. Enter the userid into the USERID field.
2. TAB to the REVOKE DATE field and enter a Gregorian date in the format of YYYY-MM-DD, that is greater than the current date, and press ENTER.



```
Password Administration ------------ SSA ------------ Password Administration
                              Administration Input

 Command ===>


           Enter the Userid to be Reset. All other fields are optional.

   Userid            ==> DEMOTEST    User id to be reset
   Password          ==> ????????    New password - Blank for default group
   Resume            ==> _           Specify Y to resume the userid
   Revoke            ==> _           Specify Y to revoke the userid
   Resume Date       ==> __________  Resume date for the userid (YYYY-MM-DD)
   Revoke Date       ==> 1998-12-02  Revoke date for the userid (YYYY-MM-DD)
   SuperRevoke       ==> _           Specify Y to super-revoke the userid
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________  <==


                 Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

This process updates the REVOKE DATE field. This process does not change the password of the userid.

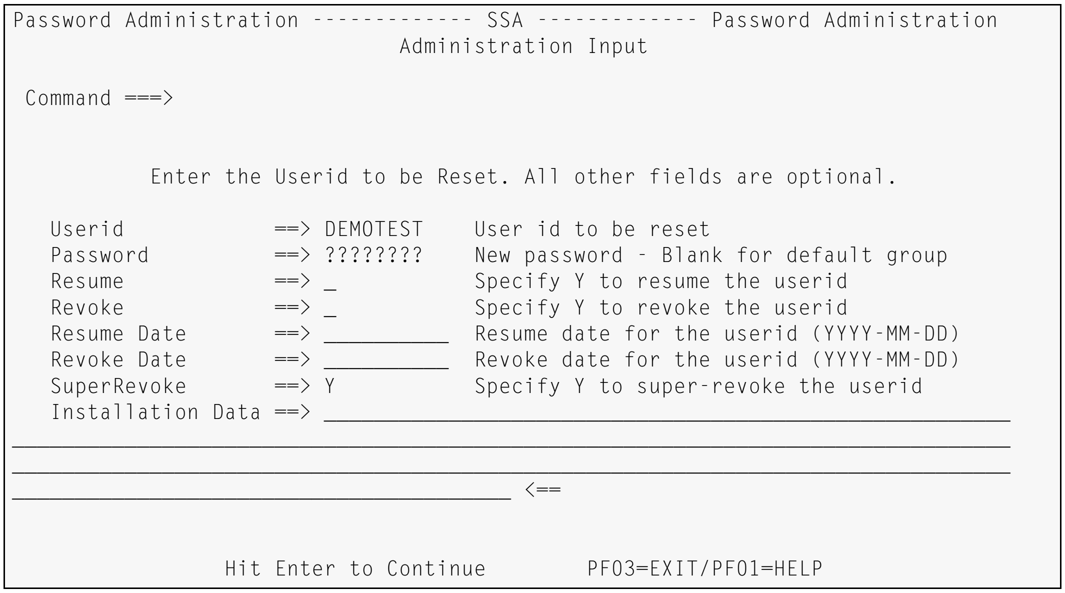
If you specify both RESUME DATE and REVOKE DATE that are the same, the RESUME DATE is ignored and the REVOKE DATE is updated with the date entered.

If there is a RESUME DATE already set on the userid, and the REVOKE DATE entered is the same, the RESUME DATE is cleared and the REVOKE DATE is updated with the date entered.

Set SuperRevoke

Perform the following steps to issue a Password Administration SuperRevoke. This will prevent users from using Password Administration functions unless they have ALTER access to the appropriate SSA.$RESET.<*group*> profile or the userid is removed from the SuperRevoke group $SREVOKE:

1. Enter the userid into the USERID field.
2. TAB to the SuperRevoke field, type a 'Y', and press ENTER.



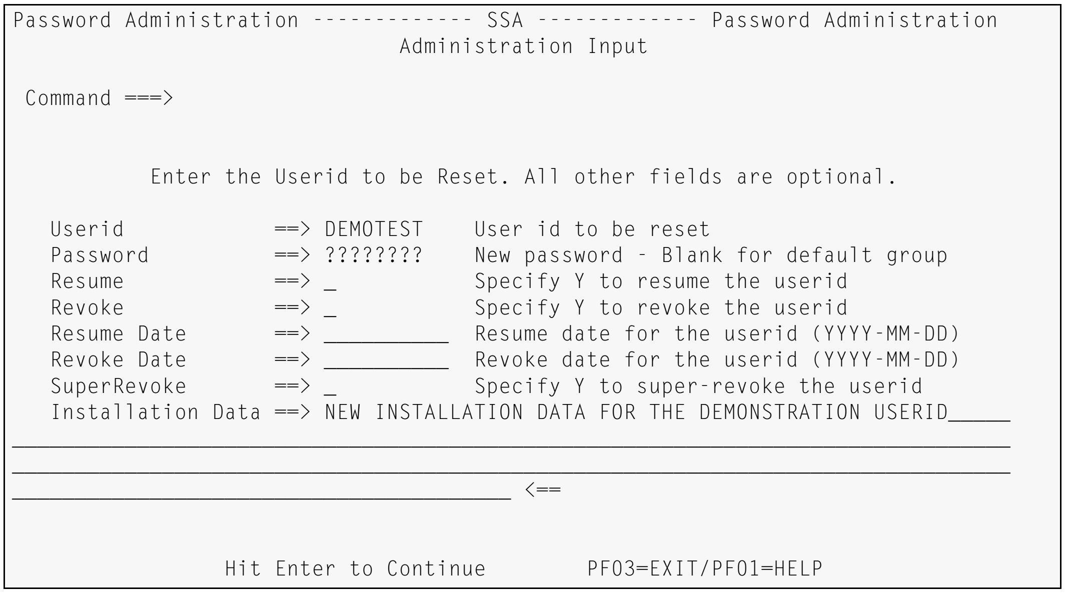
```
Password Administration ------------- SSA ------------- Password Administration
                               Administration Input

 Command ===>


           Enter the Userid to be Reset. All other fields are optional.

   Userid            ==> DEMOTEST    User id to be reset
   Password          ==> ????????    New password - Blank for default group
   Resume            ==> _           Specify Y to resume the userid
   Revoke            ==> _           Specify Y to revoke the userid
   Resume Date       ==> __________  Resume date for the userid (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the userid (YYYY-MM-DD)
   SuperRevoke       ==> Y           Specify Y to super-revoke the userid
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==


                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process sets the REVOKE flag, and connects the user to the SuperRevoke group $SREVOKE. This process does not change the password of the userid.

Add/Replace User Installation Data

Perform the following steps to add or replace installation data for the specified user:

1. Enter the userid into the USERID field.
2. TAB to the Installation Data field, type in data, and press ENTER.



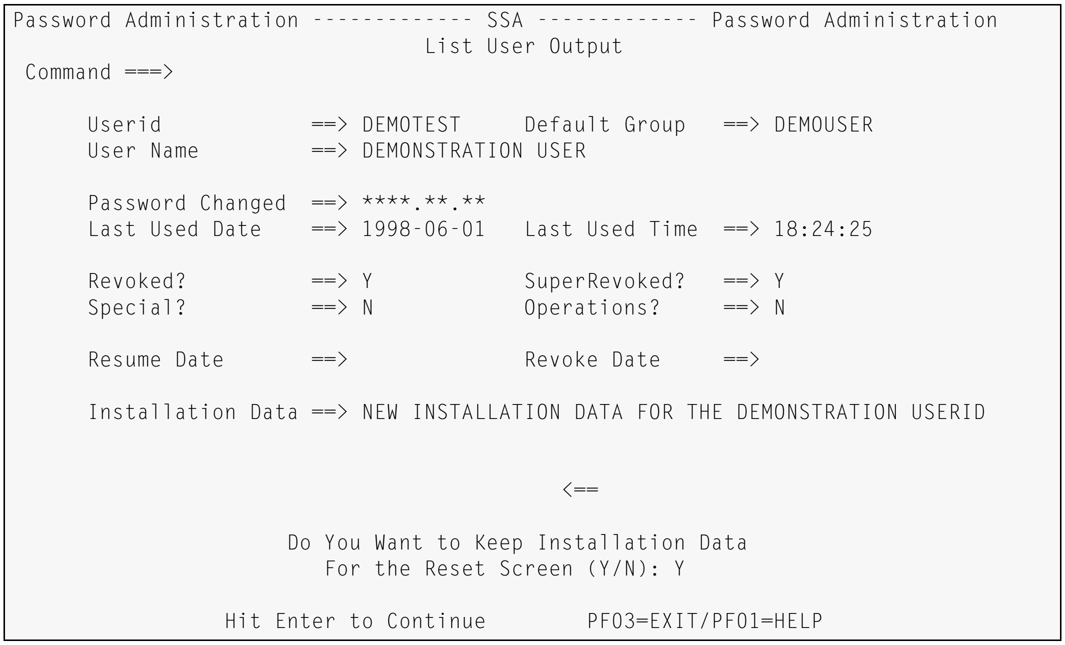
```
Password Administration ------------- SSA ------------- Password Administration
                               Administration Input

 Command ===>


           Enter the Userid to be Reset. All other fields are optional.

   Userid            ==> DEMOTEST    User id to be reset
   Password          ==> ????????    New password - Blank for default group
   Resume            ==> _           Specify Y to resume the userid
   Revoke            ==> _           Specify Y to revoke the userid
   Resume Date       ==> __________  Resume date for the userid (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the userid (YYYY-MM-DD)
   SuperRevoke       ==> _           Specify Y to super-revoke the userid
   Installation Data ==> NEW INSTALLATION DATA FOR THE DEMONSTRATION USERID_____
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==


                  Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process updates the Installation Data field. This process does not change the password of the userid.

Update Existing User Installation Data

Perform the following steps to add or replace installation data for the specified user:

1. Enter the userid into the USERID field and press ENTER.
2. TAB to the Keep Installation Data field, type a 'Y', and press ENTER.
3. TAB to the Installation Data field, type in changes to data, and press ENTER.



```
Password Administration ------------- SSA ------------- Password Administration
                                 List User Output
 Command ===>

      Userid            ==> DEMOTEST     Default Group   ==> DEMOUSER
      User Name         ==> DEMONSTRATION USER

      Password Changed  ==> ****.**.**
      Last Used Date    ==> 1998-06-01   Last Used Time  ==> 18:24:25

      Revoked?          ==> Y            SuperRevoked?   ==> Y
      Special?          ==> N            Operations?     ==> N

      Resume Date       ==>              Revoke Date     ==>

      Installation Data ==> NEW INSTALLATION DATA FOR THE DEMONSTRATION USERID


                                              <==

                      Do You Want to Keep Installation Data
                         For the Reset Screen (Y/N): Y

                  Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

When you specify 'Y' to Keep Installation Data, the installation data will be passed back to the Input Screen.

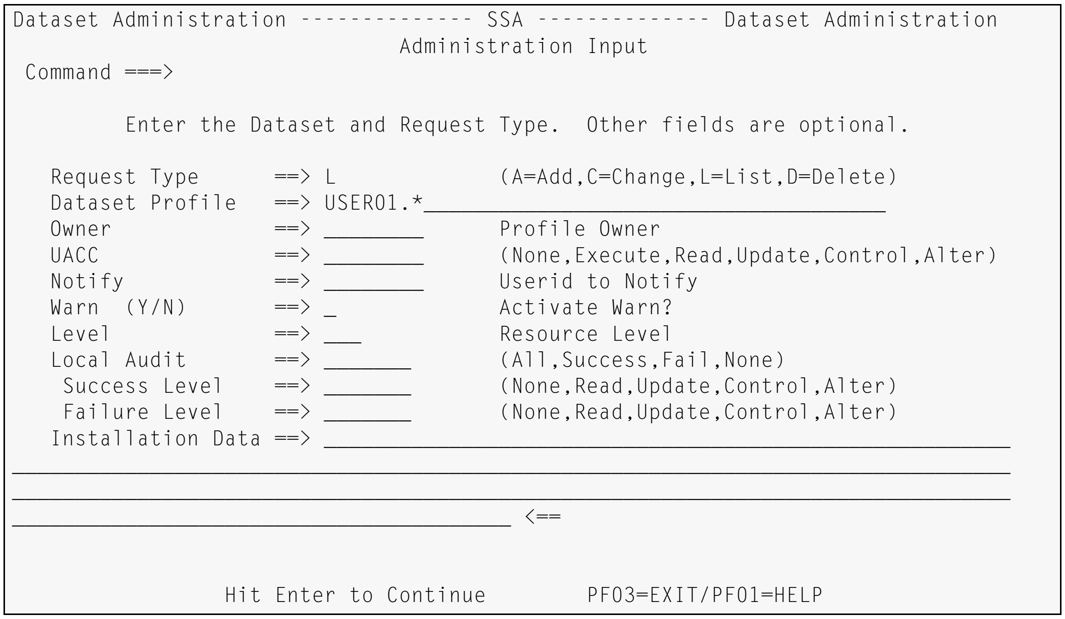
This process updates the Installation Data field. This process does not change the password of the userid.

Dataset Administration Screens

Perform List Dataset Profile

Perform the following steps to issue the equivalency of a RACF List Dataset command (i.e., LD DA() GEN):

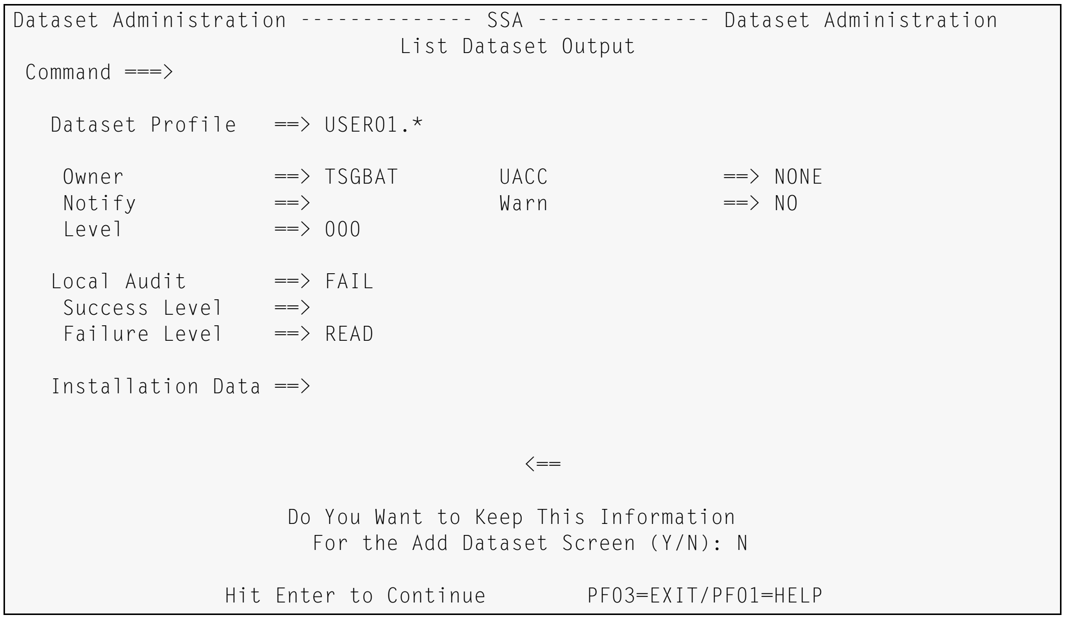
1. Enter ‘L’ in the Request Type field.
2. Enter the dataset profile in the Dataset Profile field and press ENTER.



```
Dataset Administration -------------- SSA -------------- Dataset Administration
                               Administration Input
 Command ===>

         Enter the Dataset and Request Type.  Other fields are optional.

   Request Type      ==> L             (A=Add,C=Change,L=List,D=Delete)
   Dataset Profile   ==> USER01.*_____________________________________
   Owner             ==> ________      Profile Owner
   UACC              ==> ________      (None,Execute,Read,Update,Control,Alter)
   Notify            ==> ________      Userid to Notify
   Warn  (Y/N)       ==> _             Activate Warn?
   Level             ==> ___           Resource Level
   Local Audit       ==> _______       (All,Success,Fail,None)
    Success Level    ==> _______       (None,Read,Update,Control,Alter)
    Failure Level    ==> _______       (None,Read,Update,Control,Alter)
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==


                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

List Dataset Profile Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



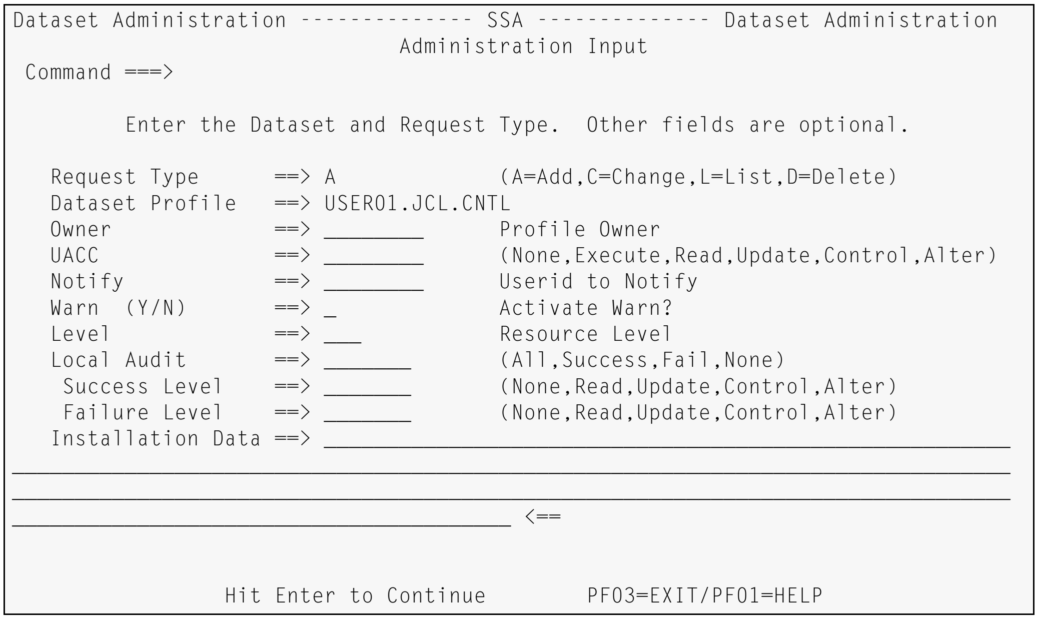
```
Dataset Administration -------------- SSA -------------- Dataset Administration
                               List Dataset Output
 Command ===>

   Dataset Profile   ==> USER01.*

    Owner            ==> TSGBAT        UACC              ==> NONE
    Notify           ==>               Warn              ==> NO
    Level            ==> 000

   Local Audit       ==> FAIL
    Success Level    ==>
    Failure Level    ==> READ

   Installation Data ==>



                                         <==


                      Do You Want to Keep This Information
                        For the Add Dataset Screen (Y/N): N

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Always press ENTER after a List Dataset Profile, or to recover from a message, to return to the Dataset Administration Main panel.

Add Dataset Profile

Perform the following steps to issue the equivalency of a RACF Add Dataset Profile command (i.e., ADDSD ‘USER01.JCL.CNTL’ GEN):

1. Enter ‘A’ into the Request Type field
2. TAB to the Dataset Profile field, type in the dataset profile you want to add, and press ENTER.



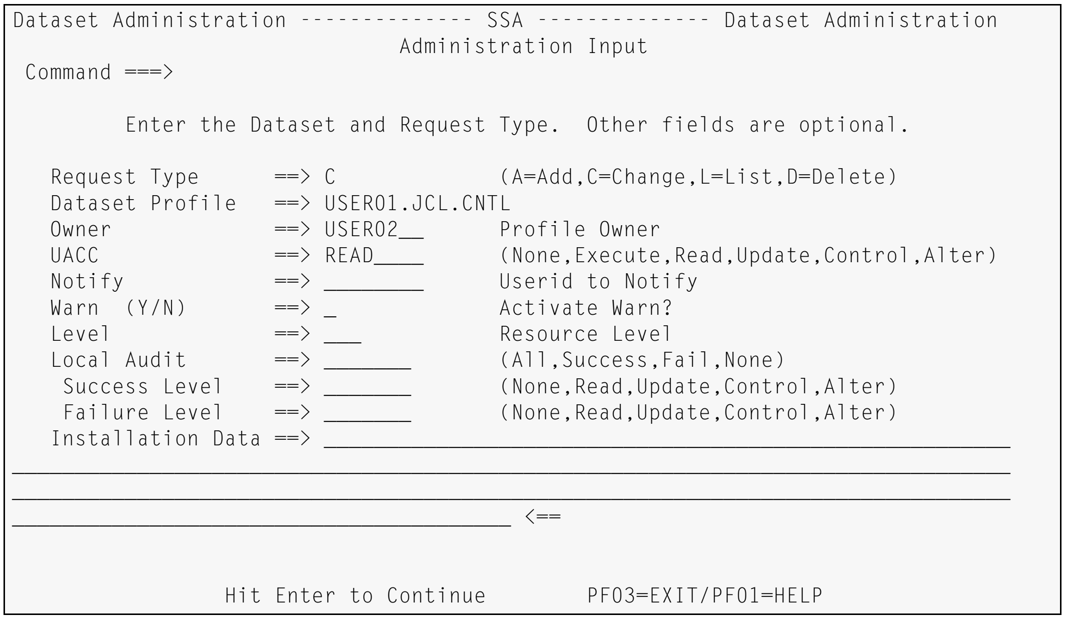
```
Dataset Administration -------------- SSA -------------- Dataset Administration
                               Administration Input
 Command ===>

         Enter the Dataset and Request Type.  Other fields are optional.

   Request Type      ==> A             (A=Add,C=Change,L=List,D=Delete)
   Dataset Profile   ==> USER01.JCL.CNTL
   Owner             ==> ________      Profile Owner
   UACC              ==> ________      (None,Execute,Read,Update,Control,Alter)
   Notify            ==> ________      Userid to Notify
   Warn  (Y/N)       ==> _             Activate Warn?
   Level             ==> ___           Resource Level
   Local Audit       ==> _______       (All,Success,Fail,None)
    Success Level    ==> _______       (None,Read,Update,Control,Alter)
    Failure Level    ==> _______       (None,Read,Update,Control,Alter)
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==


                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process adds the specified dataset profile. All other fields are optional. The default values for optional fields if not specified are: The Owner field defaults to the Userid of person issuing the add profile, UACC defaults to None, Local Audit defaults to Fail, Failure Level defaults to Read, Warn defaults to N, Level defaults to 000, and all other fields default to blanks.

Change Dataset Profile

Perform the following steps to issue the equivalency of a RACF Alter Dataset Profile (i.e., ALTDSD ‘USER01.JCL.CNTL’ GEN OW(USER02) UACC(READ)):

1. Enter ‘C’ into the Request Type field
2. TAB to the Dataset Profile field, type in the dataset profile you want to change
3. TAB to the Owner field and type in the new owner
4. TAB to the UACC field and type in the new UACC level, and press ENTER.



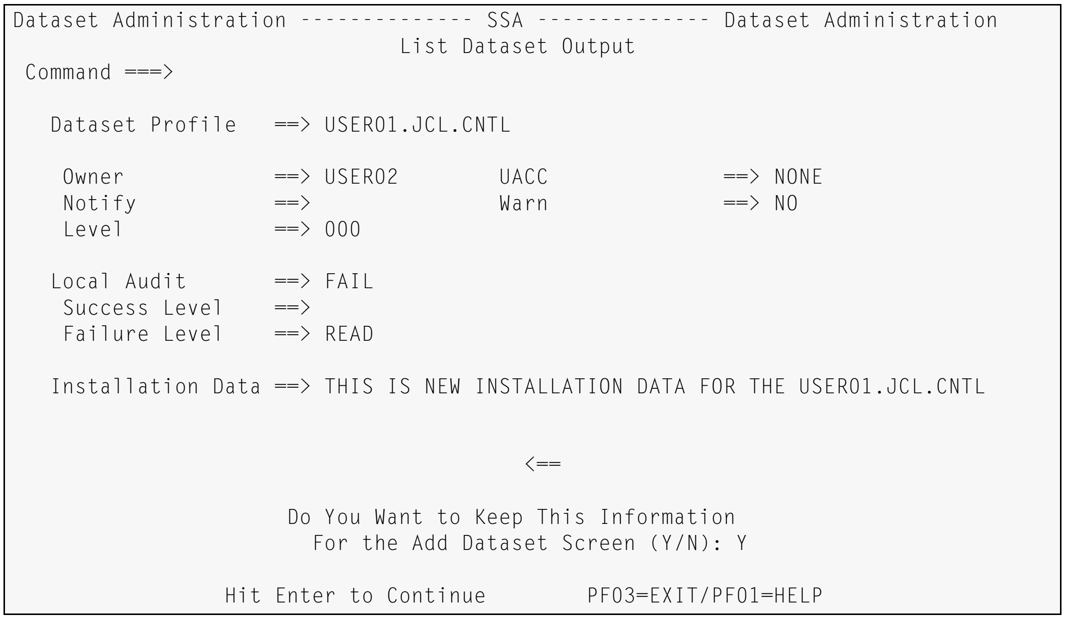
```
Dataset Administration ------------- SSA ------------- Dataset Administration
                              Administration Input
 Command ===>

        Enter the Dataset and Request Type.  Other fields are optional.

   Request Type      ==> C             (A=Add,C=Change,L=List,D=Delete)
   Dataset Profile   ==> USER01.JCL.CNTL
   Owner             ==> USER02__      Profile Owner
   UACC              ==> READ____      (None,Execute,Read,Update,Control,Alter)
   Notify            ==> ________      Userid to Notify
   Warn  (Y/N)       ==> _             Activate Warn?
   Level             ==> ___           Resource Level
   Local Audit       ==> _______       (All,Success,Fail,None)
    Success Level    ==> _______       (None,Read,Update,Control,Alter)
    Failure Level    ==> _______       (None,Read,Update,Control,Alter)
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==


                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process changes the specified dataset profile. At least one of the other fields is required. All other fields are optional. No fields are updated unless specified.

Update Existing Dataset Profile Information

Perform the following steps to update existing information for the specified dataset profile:

1. Enter ‘L’ as the request type to list the dataset profile.
2. TAB to the dataset profile field and Enter the dataset profile and press ENTER.
3. TAB to the Do You Want to Keep This Information For the Add Dataset Screen field, type a 'Y', and press ENTER.
4. TAB to any appropriate field, type in changes, and press ENTER.



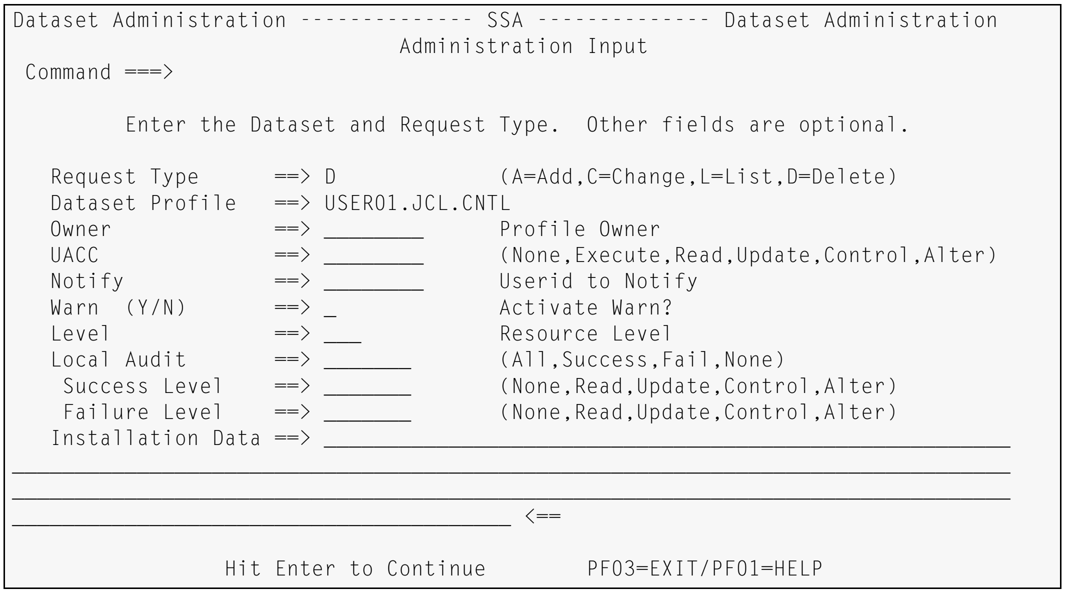
```
Dataset Administration -------------- SSA -------------- Dataset Administration
                               List Dataset Output
 Command ===>

   Dataset Profile   ==> USER01.JCL.CNTL

    Owner            ==> USER02        UACC              ==> NONE
    Notify           ==>               Warn              ==> NO
    Level            ==> 000

   Local Audit       ==> FAIL
    Success Level    ==>
    Failure Level    ==> READ

   Installation Data ==> THIS IS NEW INSTALLATION DATA FOR THE USER01.JCL.CNTL


                                         <==


                      Do You Want to Keep This Information
                        For the Add Dataset Screen (Y/N): Y

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

When you specify 'Y' to Do You Want to Keep This Information For the Add Dataset Screen, the Owner, UACC, Warn, Level, Local Audit, Success/Failure Audit Level, and Installation Data will be passed back to the Input Screen.

Delete Dataset Profile

Perform the following steps to issue the equivalency of a RACF Delete Dataset Profile command (i.e., DELDSD ‘USER01.JCL.CNTL’ GEN):

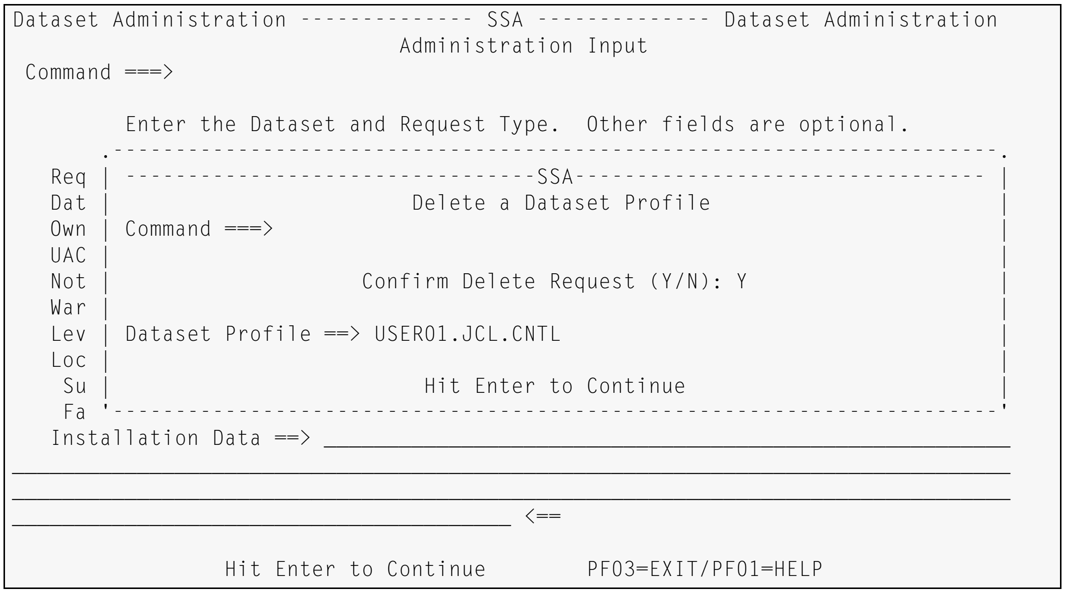
1. Enter ‘D’ into the Request Type field
2. TAB to the Dataset Profile field, type in the dataset profile you want to delete, and press ENTER.



```
Dataset Administration ------------- SSA ------------- Dataset Administration
                               Administration Input
 Command ===>

         Enter the Dataset and Request Type.  Other fields are optional.

   Request Type      ==> D             (A=Add,C=Change,L=List,D=Delete)
   Dataset Profile   ==> USER01.JCL.CNTL
   Owner             ==> ________      Profile Owner
   UACC              ==> ________      (None,Execute,Read,Update,Control,Alter)
   Notify            ==> ________      Userid to Notify
   Warn  (Y/N)       ==> _             Activate Warn?
   Level             ==> ___           Resource Level
   Local Audit       ==> _______       (All,Success,Fail,None)
    Success Level    ==> _______       (None,Read,Update,Control,Alter)
    Failure Level    ==> _______       (None,Read,Update,Control,Alter)
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________  <==

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process deletes the specified dataset profile. The following screen is presented to confirm the delete. Change the N to Y and press ENTER.

Confirm Delete Dataset Profile Panel



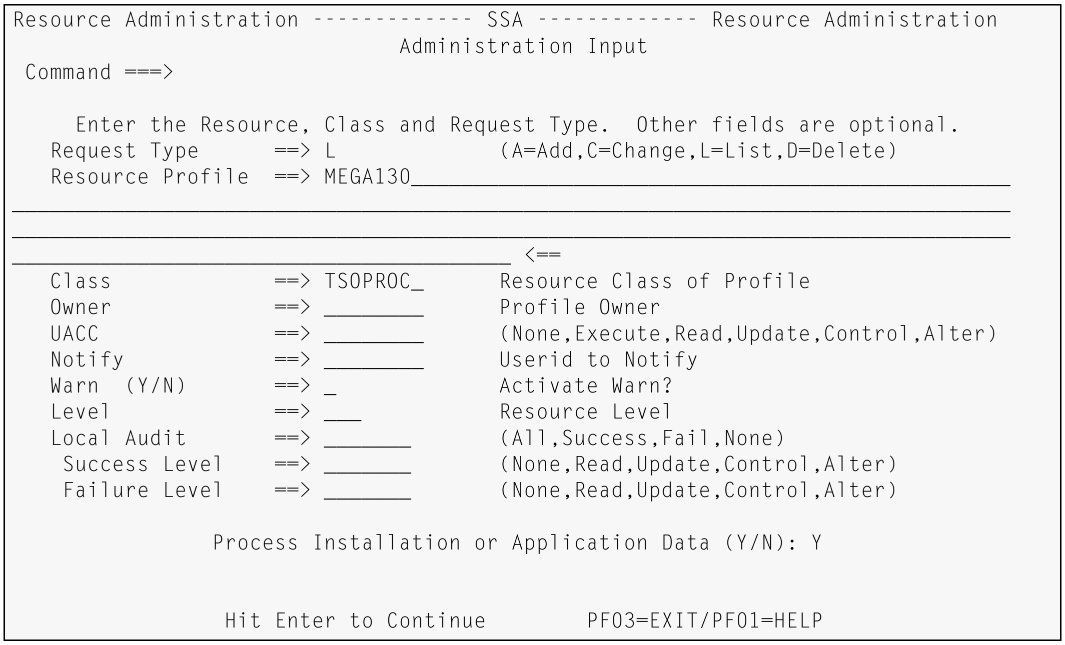
```
Dataset Administration ------------- SSA ------------- Dataset Administration
                               Administration Input
 Command ===>

         Enter the Dataset and Request Type.  Other fields are optional.
       .-----------------------------------------------------------------------.
   Req | --------------------------------SSA-------------------------------- |
   Dat |                        Delete a Dataset Profile                       |
   Own | Command ===>                                                          |
   UAC |                                                                       |
   Not |                    Confirm Delete Request (Y/N): Y                    |
   War |                                                                       |
   Lev | Dataset Profile ==> USER01.JCL.CNTL                                   |
   Loc |                                                                       |
    Su |                         Hit Enter to Continue                         |
    Fa '-----------------------------------------------------------------------'
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________  <==

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Resource Administration Screens

Perform List Resource Profile

Perform the following steps to issue the equivalency of a RACF List Resource command (i.e., RLIST TSOPROC MEGA130):

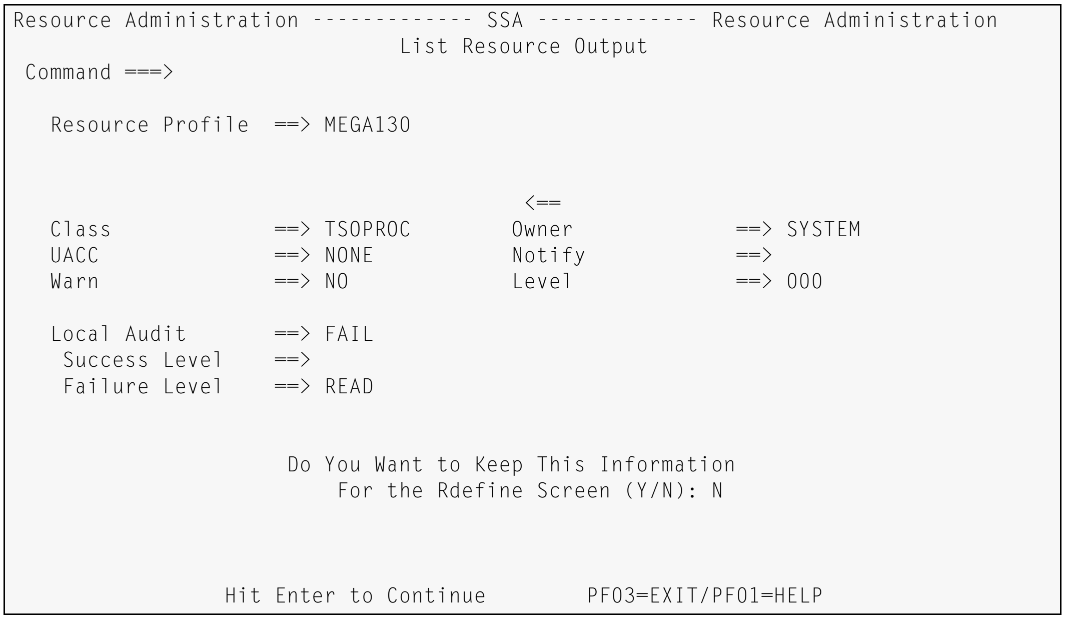
1. Enter ‘L’ in the Request Type field.
2. TAB to the Resource Profile field and enter the resource profile.
3. TAB to the Class field and enter the class name, and press ENTER.



```
Resource Administration ------------- SSA ------------- Resource Administration
                               Administration Input
 Command ===>

     Enter the Resource, Class and Request Type.  Other fields are optional.
   Request Type      ==> L             (A=Add,C=Change,L=List,D=Delete)
   Resource Profile  ==> MEGA130________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==
   Class             ==> TSOPROC_      Resource Class of Profile
   Owner             ==> ________      Profile Owner
   UACC              ==> ________      (None,Execute,Read,Update,Control,Alter)
   Notify            ==> ________      Userid to Notify
   Warn  (Y/N)       ==> _             Activate Warn?
   Level             ==> ___           Resource Level
   Local Audit       ==> _______       (All,Success,Fail,None)
    Success Level    ==> _______       (None,Read,Update,Control,Alter)
    Failure Level    ==> _______       (None,Read,Update,Control,Alter)

                Process Installation or Application Data (Y/N): Y


                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

List Resource Profile Display

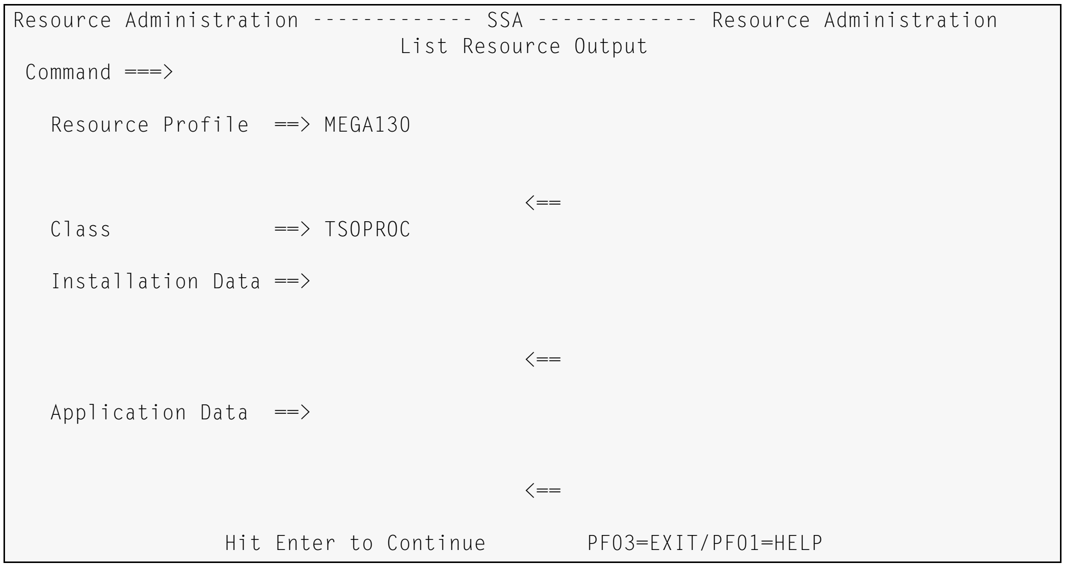
If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



```
Resource Administration ------------- SSA ------------- Resource Administration
                               List Resource Output
 Command ===>

   Resource Profile  ==> MEGA130


                                         <==
   Class             ==> TSOPROC        Owner             ==> SYSTEM
   UACC              ==> NONE           Notify            ==>
   Warn              ==> NO             Level             ==> 000

   Local Audit       ==> FAIL
    Success Level    ==>
    Failure Level    ==> READ


                      Do You Want to Keep This Information
                          For the Rdefine Screen (Y/N): N



                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Always press ENTER after a List Resource Profile, or to recover from a message, to return to the Resource Administration Main panel.

If the Process: Inst/Appl Data field was set to ‘Y’ (on the initial screen) then the following screen will be displayed as well.

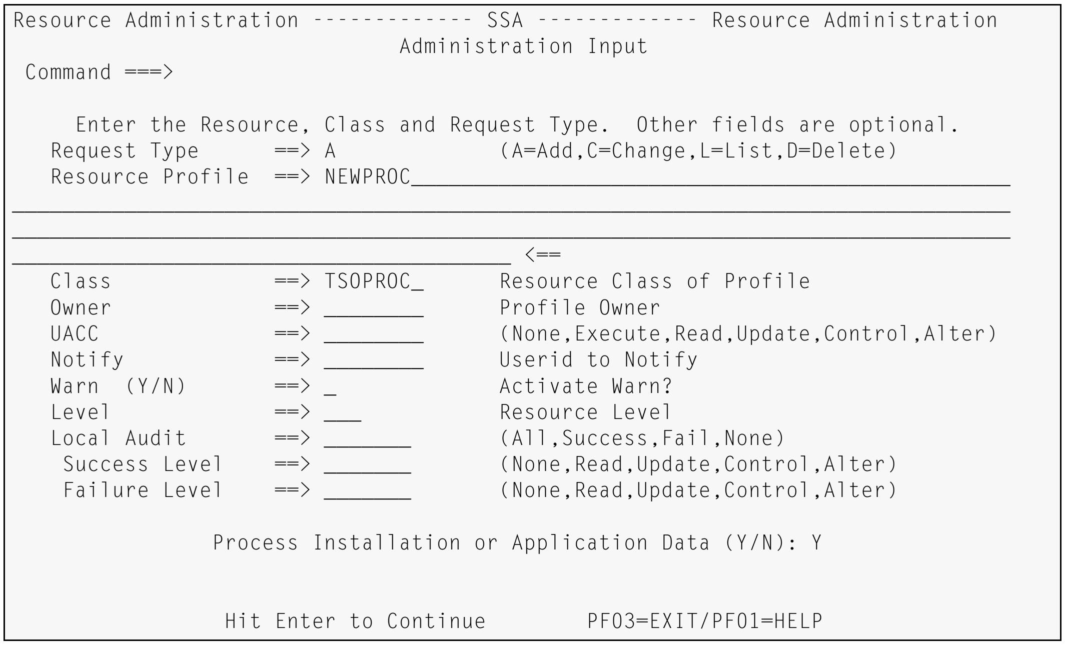


```
Resource Administration ------------- SSA ------------- Resource Administration
                               List Resource Output
 Command ===>

   Resource Profile  ==> MEGA130


                                         <==
   Class             ==> TSOPROC

   Installation Data ==>


                                         <==

   Application Data  ==>


                                         <==

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Add Resource Profile

Perform the following steps to issue the equivalency of a RACF Add Resource Profile command (i.e., RDEFINE TSOPROC NEWPROC):

1. Enter ‘A’ into the Request Type field
2. TAB to the Resource Profile field, type in the resource profile you want to add.
3. TAB to the Class field, type in the class name you want to add the resource profile to, and press ENTER.



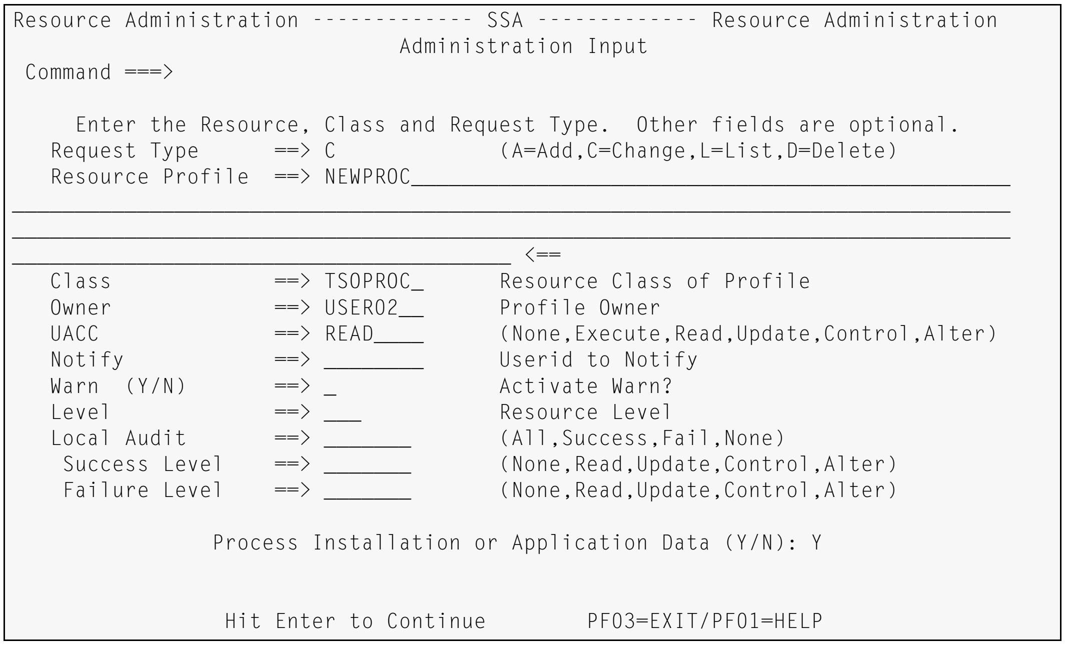
```
Resource Administration ------------- SSA ------------- Resource Administration
                               Administration Input
 Command ===>

     Enter the Resource, Class and Request Type.  Other fields are optional.
   Request Type      ==> A             (A=Add,C=Change,L=List,D=Delete)
   Resource Profile  ==> NEWPROC________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==
   Class             ==> TSOPROC_      Resource Class of Profile
   Owner             ==> ________      Profile Owner
   UACC              ==> ________      (None,Execute,Read,Update,Control,Alter)
   Notify            ==> ________      Userid to Notify
   Warn  (Y/N)       ==> _             Activate Warn?
   Level             ==> ___           Resource Level
   Local Audit       ==> _______       (All,Success,Fail,None)
    Success Level    ==> _______       (None,Read,Update,Control,Alter)
    Failure Level    ==> _______       (None,Read,Update,Control,Alter)

                Process Installation or Application Data (Y/N): Y


                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process adds the specified resource profile. All other fields are optional. The default values for optional fields if not specified are: The Owner field defaults to the Userid of person issuing the add profile, UACC defaults to None, Local Audit defaults to Fail, Failure Level defaults to Read, Warn defaults to N, Level defaults to 000, and all other fields default to blanks.

Change Resource Profile

Perform the following steps to issue the equivalency of a RACF Alter Resource Profile (i.e., RALT TSOPROC NEWPROC OW(USER02) UACC(READ)):

1. Enter ‘C’ into the Request Type field.
2. TAB to the Resource Profile field, type in the resource profile you want to change.
3. TAB to the Class field, and type in the class name.
4. TAB to the Owner field and type in the new owner
5. TAB to the UACC field and type in the new UACC level, and press ENTER.



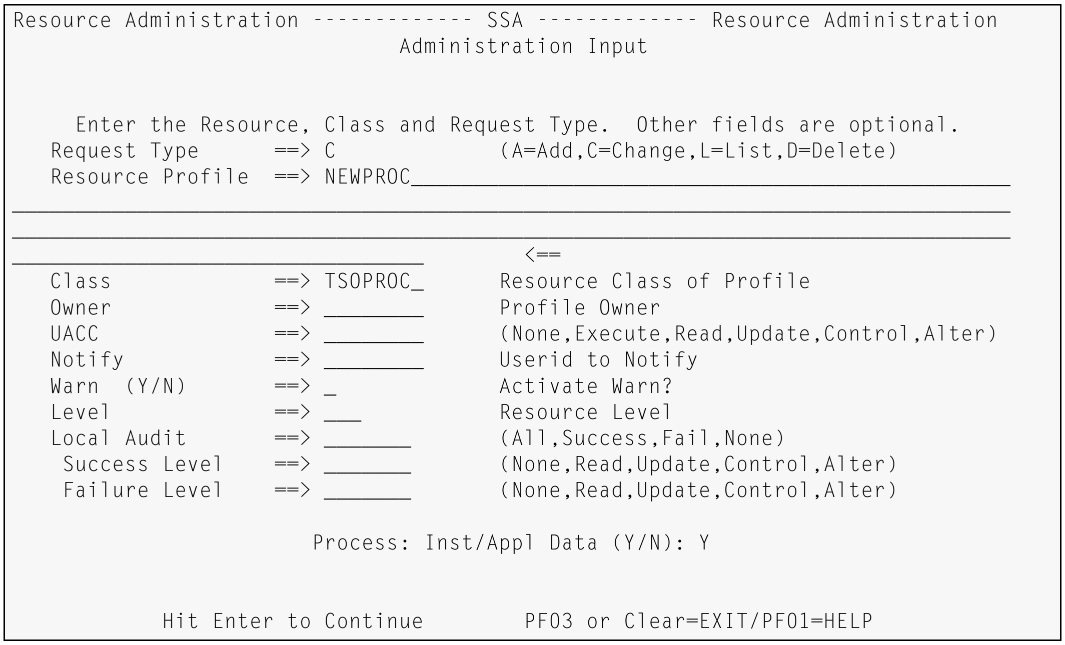
```
Resource Administration ------------- SSA ------------- Resource Administration
                               Administration Input
 Command ===>

     Enter the Resource, Class and Request Type.  Other fields are optional.
   Request Type      ==> C             (A=Add,C=Change,L=List,D=Delete)
   Resource Profile  ==> NEWPROC_______________________________________________
_______________________________________________________________________________
_______________________________________________________________________________
________________________________________ <==
   Class             ==> TSOPROC_      Resource Class of Profile
   Owner             ==> USER02__      Profile Owner
   UACC              ==> READ____      (None,Execute,Read,Update,Control,Alter)
   Notify            ==> ________      Userid to Notify
   Warn  (Y/N)       ==> _             Activate Warn?
   Level             ==> ___           Resource Level
   Local Audit       ==> _______       (All,Success,Fail,None)
    Success Level    ==> _______       (None,Read,Update,Control,Alter)
    Failure Level    ==> _______       (None,Read,Update,Control,Alter)

                Process Installation or Application Data (Y/N): Y


                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process changes the specified resource profile. At least one of the other fields is required. All other fields are optional. No fields are updated unless specified.

Change Resource Profile – Installation/Application Data

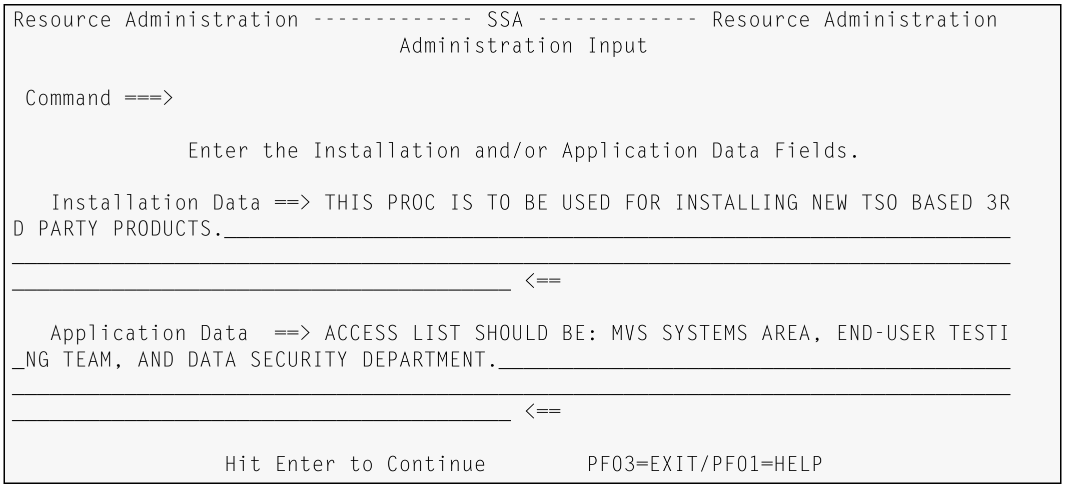
Perform the following steps to issue the equivalency of a RACF Alter Resource Profile (i.e., RALT TSOPROC NEWPROC APPL(‘’) DATA(‘’)):

1. Enter ‘C’ into the Request Type field.
2. TAB to Resource Profile field, type in the resource profile you want to change.
3. TAB to the Class field, and type in the class name.
4. TAB to the Process: Inst/Appl Data field and type in ‘Y’, and press ENTER.



```
Resource Administration ------------- SSA ------------- Resource Administration
                               Administration Input


     Enter the Resource, Class and Request Type.  Other fields are optional.
   Request Type      ==> C            (A=Add,C=Change,L=List,D=Delete)
   Resource Profile  ==> NEWPROC________________________________________________
_______________________________________________________________________________
_______________________________________________________________________________
_________________________________        <==
   Class             ==> TSOPROC_      Resource Class of Profile
   Owner             ==> ________      Profile Owner
   UACC              ==> ________      (None,Execute,Read,Update,Control,Alter)
   Notify            ==> ________      Userid to Notify
   Warn  (Y/N)       ==> _             Activate Warn?
   Level             ==> ___           Resource Level
   Local Audit       ==> _______       (All,Success,Fail,None)
    Success Level    ==> _______       (None,Read,Update,Control,Alter)
    Failure Level    ==> _______       (None,Read,Update,Control,Alter)

                        Process: Inst/Appl Data (Y/N): Y


            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Enter in the data in the appropriate field as shown in the screen below, and press ENTER.

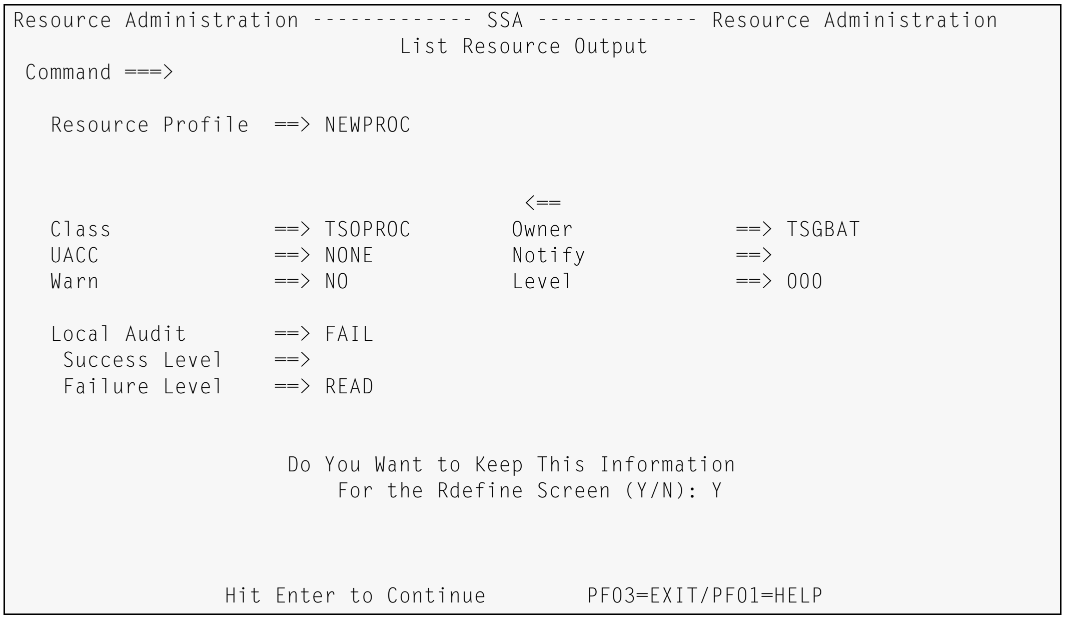


```
Resource Administration ------------- SSA ------------- Resource Administration
                               Administration Input

 Command ===>

              Enter the Installation and/or Application Data Fields.

   Installation Data ==> THIS PROC IS TO BE USED FOR INSTALLING NEW TSO BASED 3R
D PARTY PRODUCTS._______________________________________________________________
_______________________________________________________________________________
________________________________________ <==

   Application Data  ==> ACCESS LIST SHOULD BE: MVS SYSTEMS AREA, END-USER TESTI
_NG TEAM, AND DATA SECURITY DEPARTMENT.________________________________________
_______________________________________________________________________________
________________________________________ <==

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Update Existing Resource Profile Information

Perform the following steps to update existing information for the specified resource profile:

1. Enter ‘L’ as the request type to list the resource profile.
2. TAB to the resource profile field and Enter the resource profile.
3. TAB to the class field and Enter the class name. If you wish to also include the resource profile’s Installation/Application Data TAB to Process: Inst/Appl Data field and type a ‘Y’
4. Press ENTER.
5. TAB to the Do You Want to Keep This Information For the Add Resource Screen field, type a 'Y', and press ENTER.
6. TAB to any appropriate field, type in changes. If you wish to also include the resource profile’s Installation/Application Data TAB to Process: Inst/Appl Data field and type a ‘Y’ and press ENTER. You will then be presented with the Administration Input screen. TAB to either field, type in changes.
7. Press ENTER.



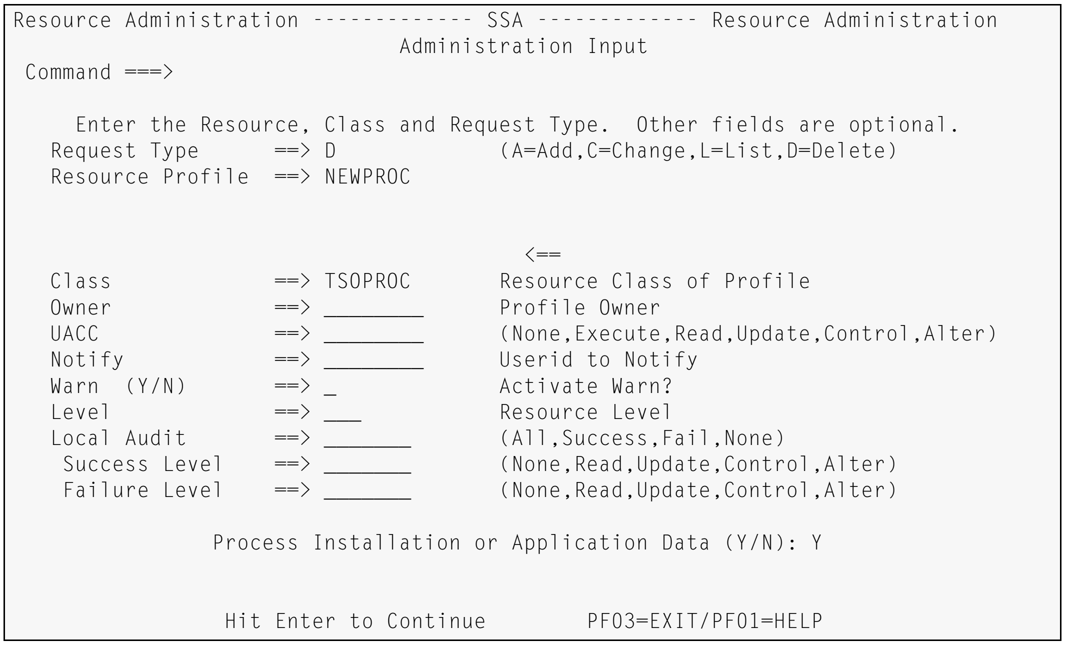
```
Resource Administration ------------- SSA ------------- Resource Administration
                               List Resource Output
 Command ===>

   Resource Profile  ==> NEWPROC



                                         <==
   Class             ==> TSOPROC        Owner             ==> TSGBAT
   UACC              ==> NONE           Notify            ==>
   Warn              ==> NO             Level             ==> 000

   Local Audit       ==> FAIL
    Success Level    ==>
    Failure Level    ==> READ


                      Do You Want to Keep This Information
                          For the Rdefine Screen (Y/N): Y



                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

When you specify 'Y' to Do You Want to Keep This Information For the Add Resource Screen, the Owner, UACC, Warn, Level, Local Audit, Success/Failure Audit Level, and Installation/Application Data will be passed back to the appropriate screen.

Delete Resource Profile

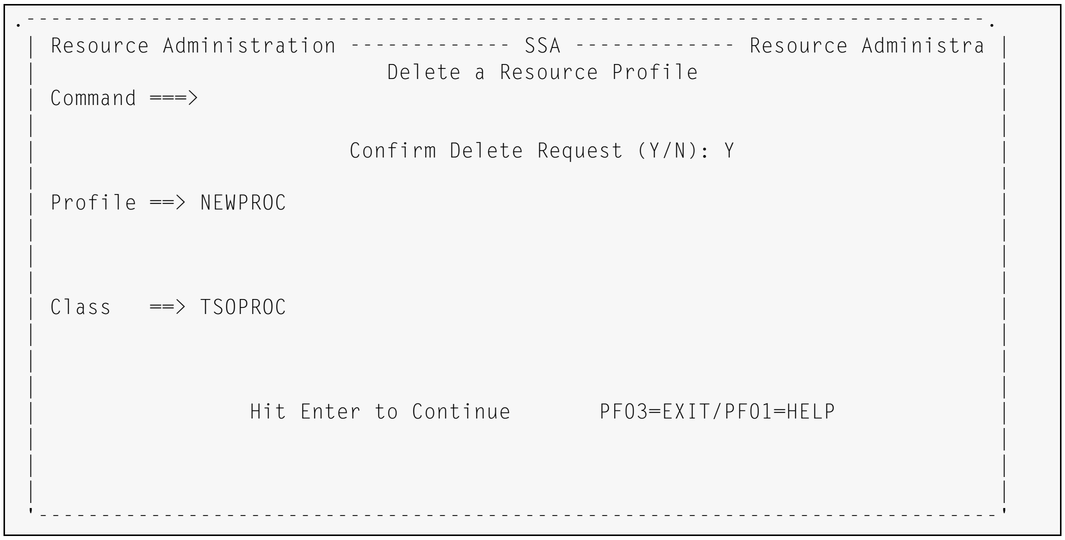
Perform the following steps to issue the equivalency of a RACF Delete Resource Profile command (i.e., RDEL TSOPROC NEWPROC):

1. Enter ‘D’ into the Request Type field
2. TAB to the Resource Profile field, type in the resource profile you want to delete, and press ENTER.



```
Resource Administration ------------ SSA ------------ Resource Administration
                              Administration Input
 Command ===>

     Enter the Resource, Class and Request Type.  Other fields are optional.
   Request Type      ==> D            (A=Add,C=Change,L=List,D=Delete)
   Resource Profile  ==> NEWPROC



                                        <==
   Class             ==> TSOPROC       Resource Class of Profile
   Owner             ==> ________      Profile Owner
   UACC              ==> ________      (None,Execute,Read,Update,Control,Alter)
   Notify            ==> ________      Userid to Notify
   Warn  (Y/N)       ==> _             Activate Warn?
   Level             ==> ___           Resource Level
   Local Audit       ==> _______       (All,Success,Fail,None)
    Success Level    ==> _______       (None,Read,Update,Control,Alter)
    Failure Level    ==> _______       (None,Read,Update,Control,Alter)

                Process Installation or Application Data (Y/N): Y


                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process deletes the specified resource profile. The following screen is presented to confirm the delete. Change the N to Y and press enter.:



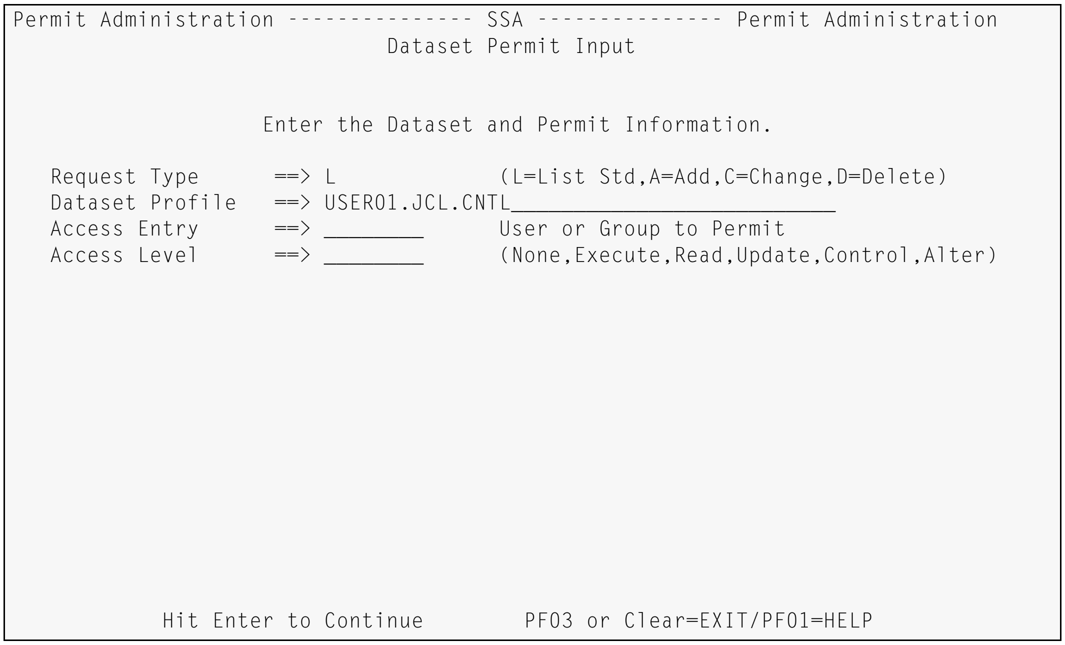
```
.-----------------------------------------------------------------------------.
 | Resource Administration ------------ SSA ------------ Resource Administra |
 |                            Delete a Resource Profile                      |
 | Command ===>                                                              |
 |                                                                           |
 |                         Confirm Delete Request (Y/N): Y                   |
 |                                                                           |
 | Profile ==> NEWPROC                                                       |
 |                                                                           |
 |                                                                           |
 |                                                                           |
 | Class   ==> TSOPROC                                                       |
 |                                                                           |
 |                                                                           |
 |                                                                           |
 |                Hit Enter to Continue       PF03=EXIT/PF01=HELP            |
 |                                                                           |
 |                                                                           |
 |                                                                           |
 '---------------------------------------------------------------------------'
```

Dataset Permit Administration Screens

Perform List Dataset Profile Permits

Perform the following steps to issue the equivalency of a RACF List Dataset command (i.e., LD DA() GEN AUTHUSER):

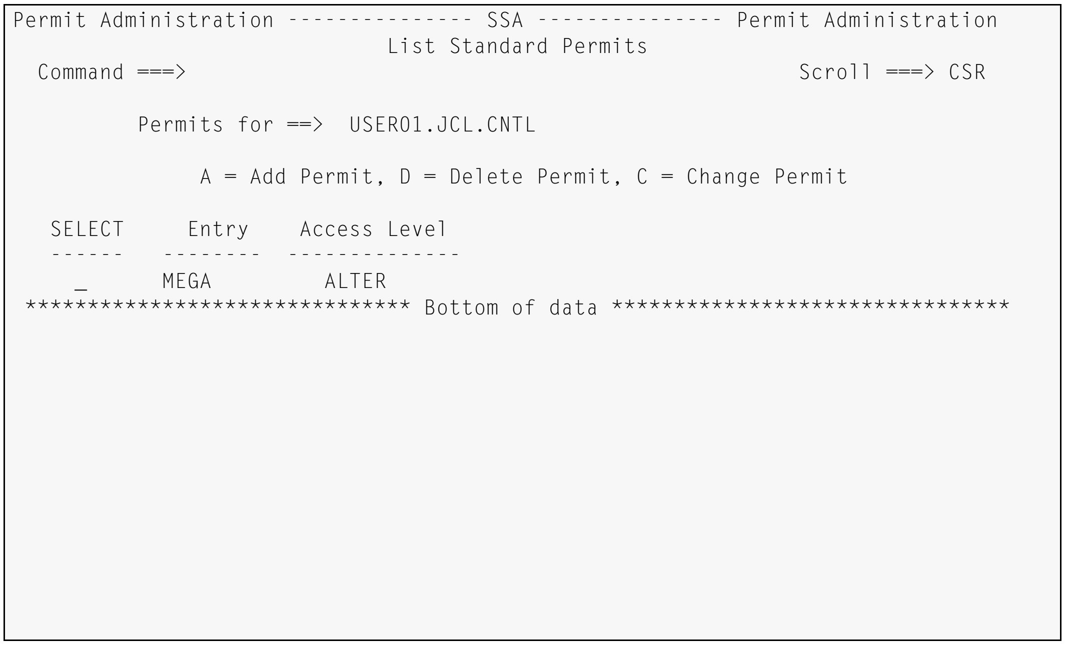
1. Enter ‘L’ in the Request Type field.
2. Enter the dataset profile in the Dataset Profile field and press ENTER.



```
Permit Administration --------------- SSA --------------- Permit Administration
                              Dataset Permit Input


                    Enter the Dataset and Permit Information.

   Request Type      ==> L             (L=List Std,A=Add,C=Change,D=Delete)
   Dataset Profile   ==> USER01.JCL.CNTL__________________________
   Access Entry      ==> ________      User or Group to Permit
   Access Level      ==> ________      (None,Execute,Read,Update,Control,Alter)













            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

List Dataset Profile Permits Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



```
Permit Administration --------------- SSA --------------- Permit Administration
                              List Standard Permits
  Command ===>                                                 Scroll ===> CSR

          Permits for ==>  USER01.JCL.CNTL

               A = Add Permit, D = Delete Permit, C = Change Permit

   SELECT     Entry    Access Level
   ------   --------  --------------
     _      MEGA         ALTER
 ******************************* Bottom of data ********************************
```

You may ‘select and scroll’ through the listing and specify, in the select column, any of the following options:

- Add Permit (A)

  Displays the Dataset Permit Administration Main Panel with the appropriate fields filled in.

- Delete Permit (D)

  Displays the Delete Dataset Permit confirmation panel. Type ‘Y’ to confirm the delete.

- Change Permit (C)

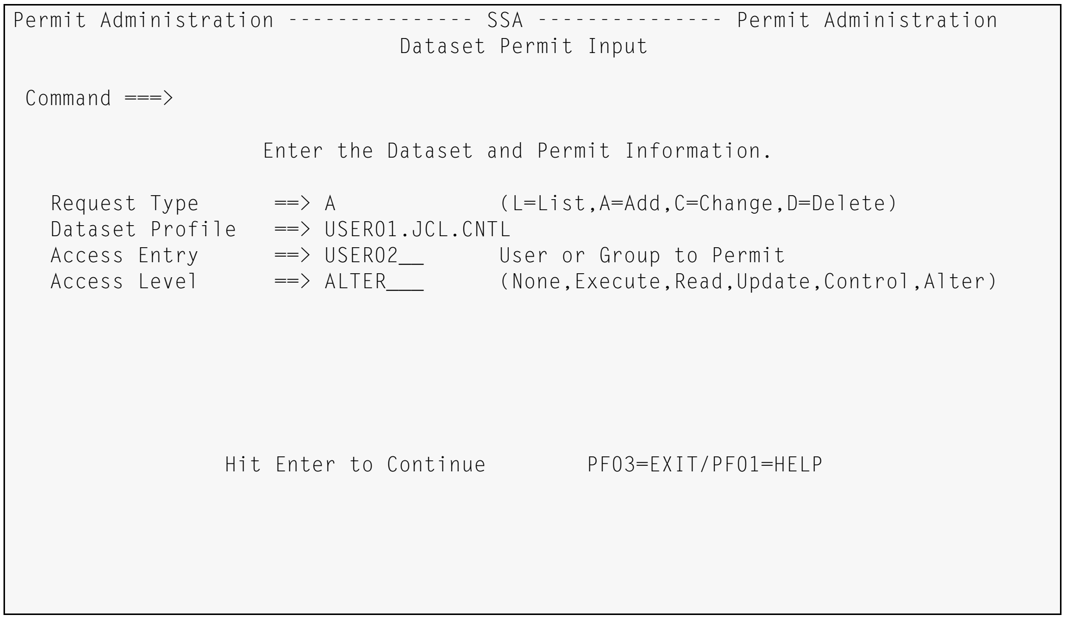
  Displays the Dataset Permit Administration Main Panel with the appropriate fields filled in.

Note: The CICS version of Dataset Permit Administration only allows the user to select one permit from the list. The TSO version allows as many selections as the user requests.

Add Dataset Profile Permit

Perform the following steps to issue the equivalency of a RACF Permit to Dataset Profile command (i.e., PERMIT ‘USER01.JCL.CNTL’ GEN ID(USER02) ACCESS(ALTER)):

1. Enter ‘A’ into the Request Type field.
2. TAB to the Dataset Profile field, type in the dataset profile.
3. TAB to the Access Entry field, type in a userid or group.
4. TAB to the Access Level field, type in the access level, and press ENTER.



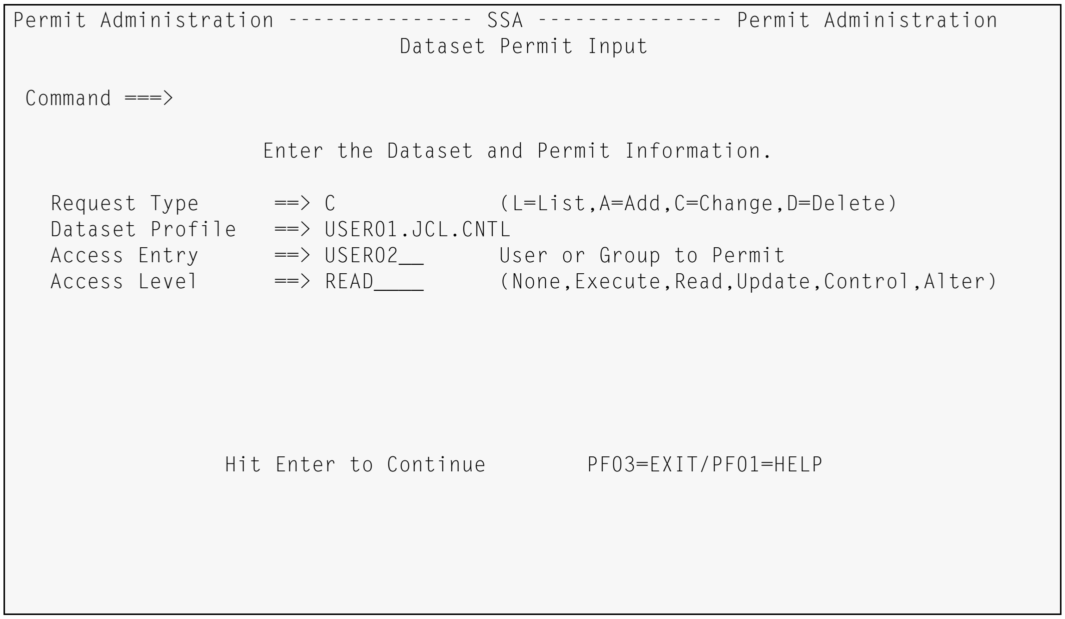
```
Permit Administration --------------- SSA --------------- Permit Administration
                               Dataset Permit Input

 Command ===>

                    Enter the Dataset and Permit Information.

   Request Type      ==> A             (L=List,A=Add,C=Change,D=Delete)
   Dataset Profile   ==> USER01.JCL.CNTL
   Access Entry      ==> USER02__      User or Group to Permit
   Access Level      ==> ALTER___      (None,Execute,Read,Update,Control,Alter)




                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process adds the userid or group to the dataset profile with the access level specified.

Change Dataset Profile Permit

Perform the following steps to issue the equivalency of a RACF Permit to Dataset Profile command (i.e., PERMIT ‘USER01.JCL.CNTL’ GEN ID(USER02) ACCESS(READ)):

1. Enter ‘C’ into the Request Type field.
2. TAB to the Dataset Profile field, type in the dataset profile.
3. TAB to the Access Entry field, type in a userid or group.
4. TAB to the Access Level field, type in the access level you want to change to, and press ENTER.



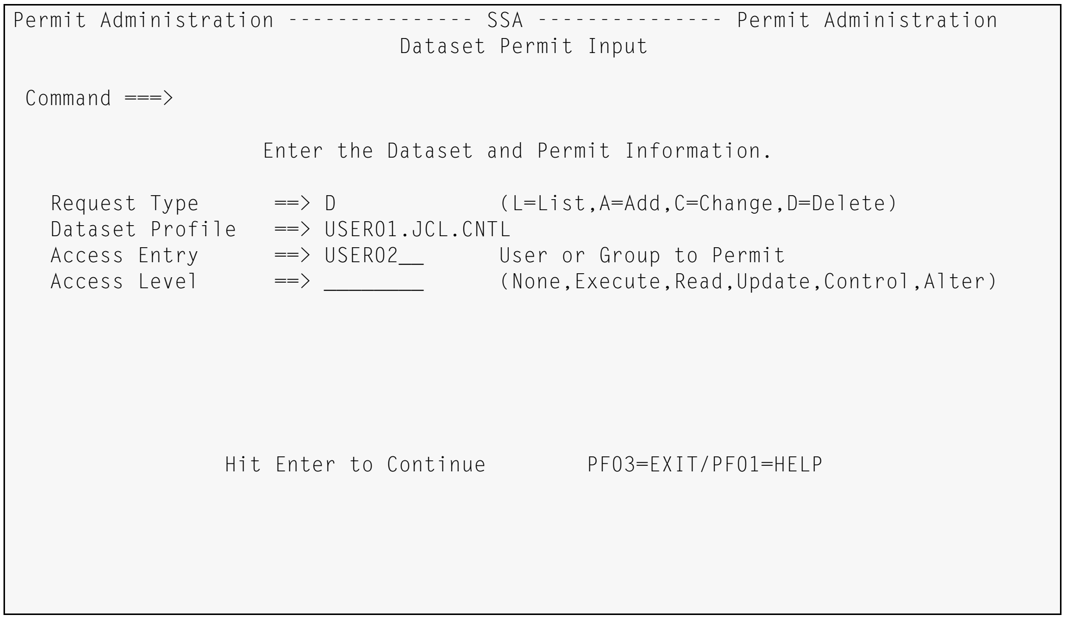
```
Permit Administration --------------- SSA --------------- Permit Administration
                              Dataset Permit Input

 Command ===>

                    Enter the Dataset and Permit Information.

   Request Type      ==> C             (L=List,A=Add,C=Change,D=Delete)
   Dataset Profile   ==> USER01.JCL.CNTL
   Access Entry      ==> USER02__      User or Group to Permit
   Access Level      ==> READ____      (None,Execute,Read,Update,Control,Alter)




                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process changes the userid’s or group’s access level to the dataset profile specified.

Delete Dataset Profile Permit

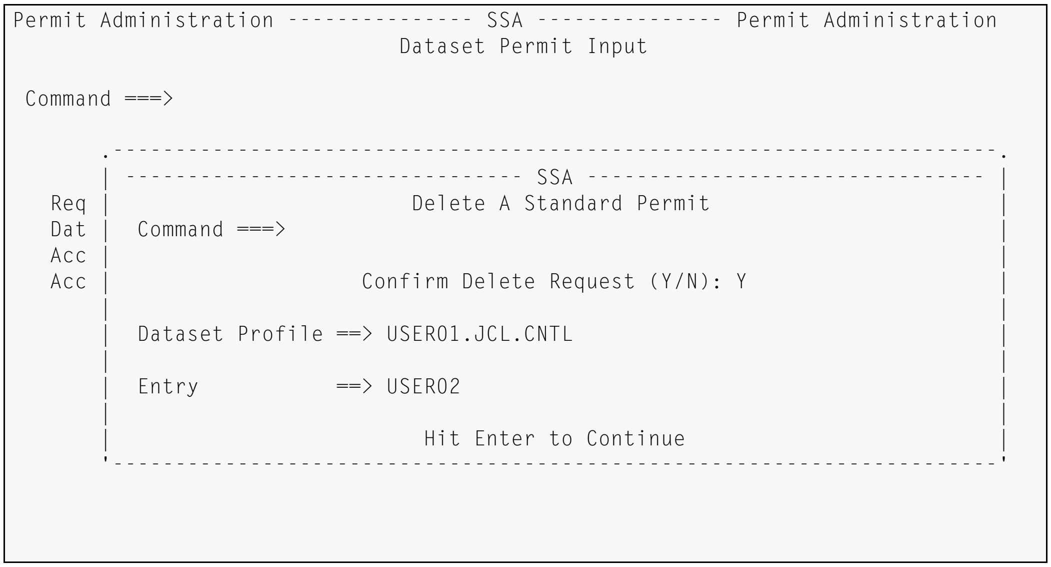
Perform the following steps to issue the equivalency of a RACF Permit to Dataset Profile command (i.e., PERMIT ‘USER01.JCL.CNTL’ GEN ID(USER02) DELETE):

1. Enter ‘D’ into the Request Type field.
2. TAB to the Dataset Profile field, type in the dataset profile.
3. TAB to the Access Entry field, type in a userid or group, and press ENTER.



```
Permit Administration --------------- SSA --------------- Permit Administration
                              Dataset Permit Input

 Command ===>

                   Enter the Dataset and Permit Information.

   Request Type      ==> D             (L=List,A=Add,C=Change,D=Delete)
   Dataset Profile   ==> USER01.JCL.CNTL
   Access Entry      ==> USER02__      User or Group to Permit
   Access Level      ==> ________      (None,Execute,Read,Update,Control,Alter)





                Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process deletes the specified dataset profile permit. The following screen is presented to confirm the delete. Change the N to Y and press ENTER.



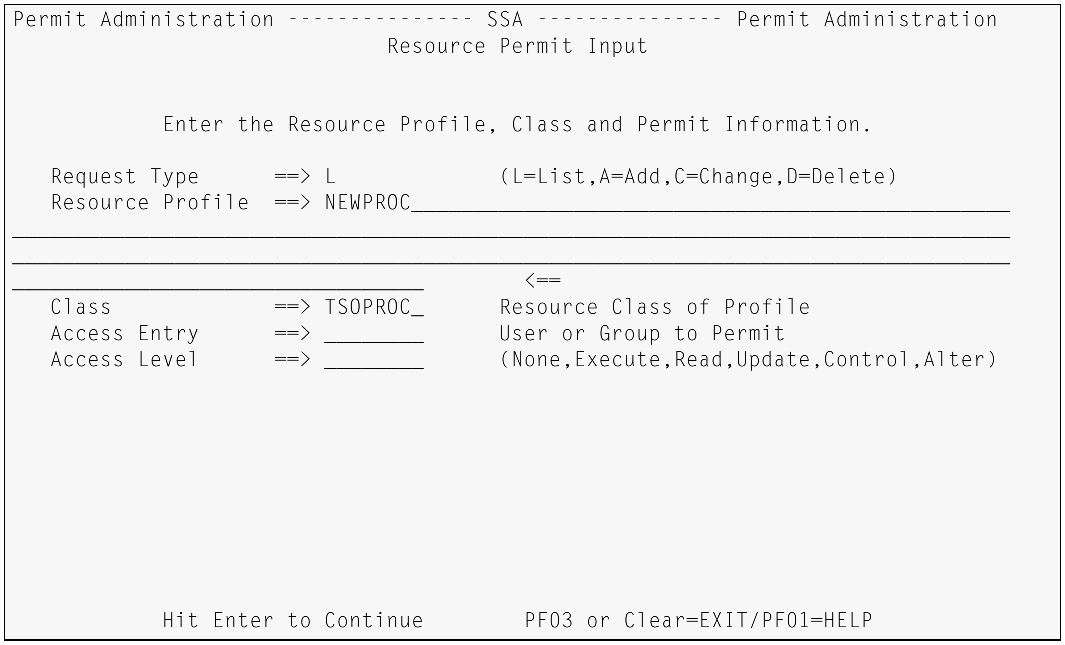
```
Permit Administration --------------- SSA --------------- Permit Administration
                              Dataset Permit Input

 Command ===>

       .------------------------------------------------------------------------.
       | ------------------------------- SSA ------------------------------- |
   Req |                        Delete A Standard Permit                        |
   Dat |  Command ===>                                                          |
   Acc |                                                                        |
   Acc |                    Confirm Delete Request (Y/N): Y                     |
       |                                                                        |
       |  Dataset Profile ==> USER01.JCL.CNTL                                   |
       |                                                                        |
       |  Entry           ==> USER02                                            |
       |                                                                        |
       |                         Hit Enter to Continue                          |
       '------------------------------------------------------------------------'
```

Resource Permit Administration Screens

Perform List Resource Profile Permits

Perform the following steps to issue the equivalency of a RACF List Resource command (i.e., RLIST TSOPROC NEWPROC AUTHUSER):

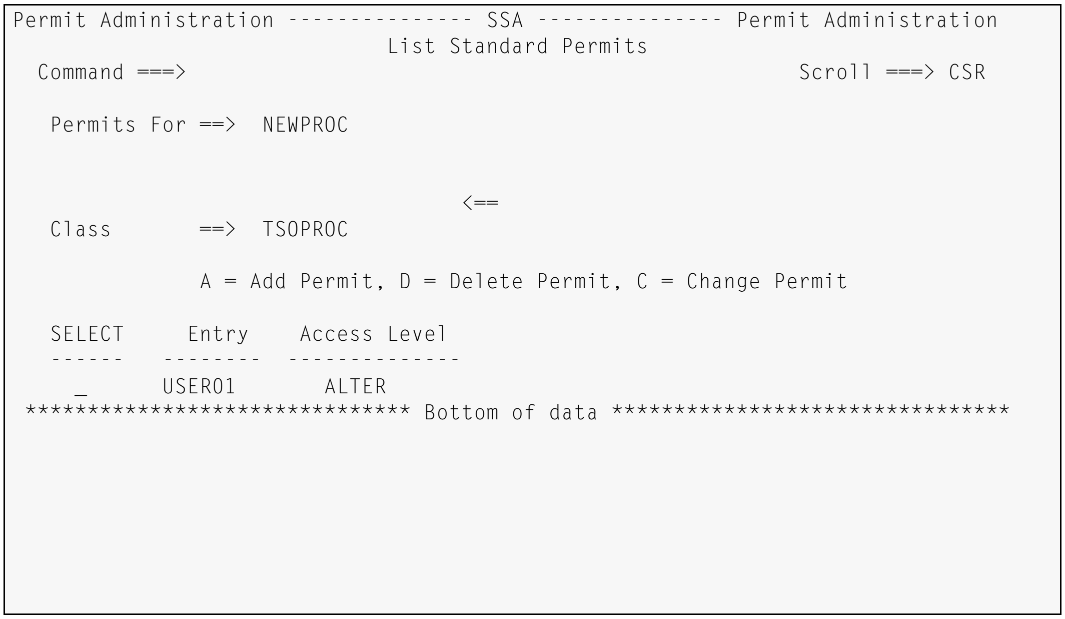
1. Enter ‘L’ in the Request Type field.
2. TAB to the Resource Profile field, type in the resource profile.
3. TAB to the Class field, type in the class name, and press ENTER.



```
Permit Administration --------------- SSA --------------- Permit Administration
                              Resource Permit Input


            Enter the Resource Profile, Class and Permit Information.

   Request Type      ==> L             (L=List,A=Add,C=Change,D=Delete)
   Resource Profile  ==> NEWPROC_______________________________________________
_______________________________________________________________________________
_______________________________________________________________________________
________________________________         <==
   Class             ==> TSOPROC_      Resource Class of Profile
   Access Entry      ==> ________      User or Group to Permit
   Access Level      ==> ________      (None,Execute,Read,Update,Control,Alter)









            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

List Resource Profile Permits Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



```
Permit Administration --------------- SSA --------------- Permit Administration
                              List Standard Permits
  Command ===>                                                 Scroll ===> CSR

   Permits For ==>  NEWPROC


                                    <==
   Class       ==>  TSOPROC

               A = Add Permit, D = Delete Permit, C = Change Permit

   SELECT     Entry    Access Level
   ------   --------  --------------
     _      USER01       ALTER
 ******************************* Bottom of data ********************************
```

You may ‘select and scroll’ through the listing and specify, in the select column, any of the following options:

- Add Permit (A)

  Displays the Resource Permit Administration Main Panel with the appropriate fields filled in.

- Delete Permit (D)

  Displays the Delete Resource Permit confirmation panel. Type ‘Y’ to confirm the delete.

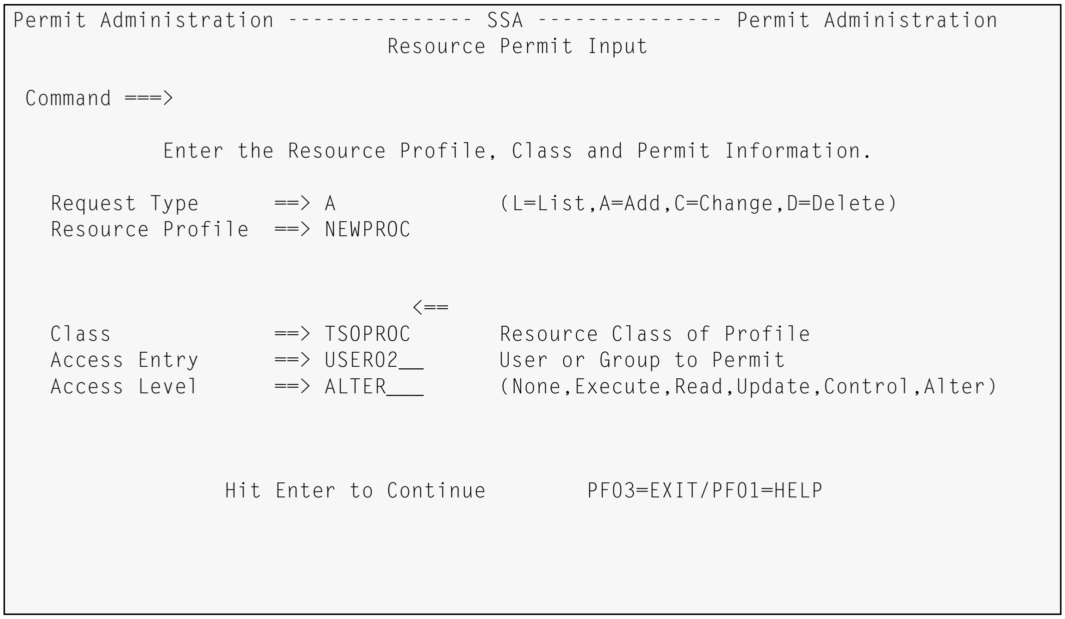
- Change Permit (C)

  Displays the Resource Permit Administration Main Panel with the appropriate fields filled in.

Add Resource Profile Permit

Perform the following steps to issue the equivalency of a RACF Permit to Resource Profile command (i.e., PERMIT NEWPROC CLASS(TSOPROC) ID(USER02) ACCESS(READ)):

1. Enter ‘A’ into the Request Type field
2. TAB to the Resource Profile field, type in the resource profile.
3. TAB to the Class field, type in the class name.
4. TAB to the Access Entry field, type in a userid or group
5. TAB to the Access Level field, type in the access level, and press ENTER.



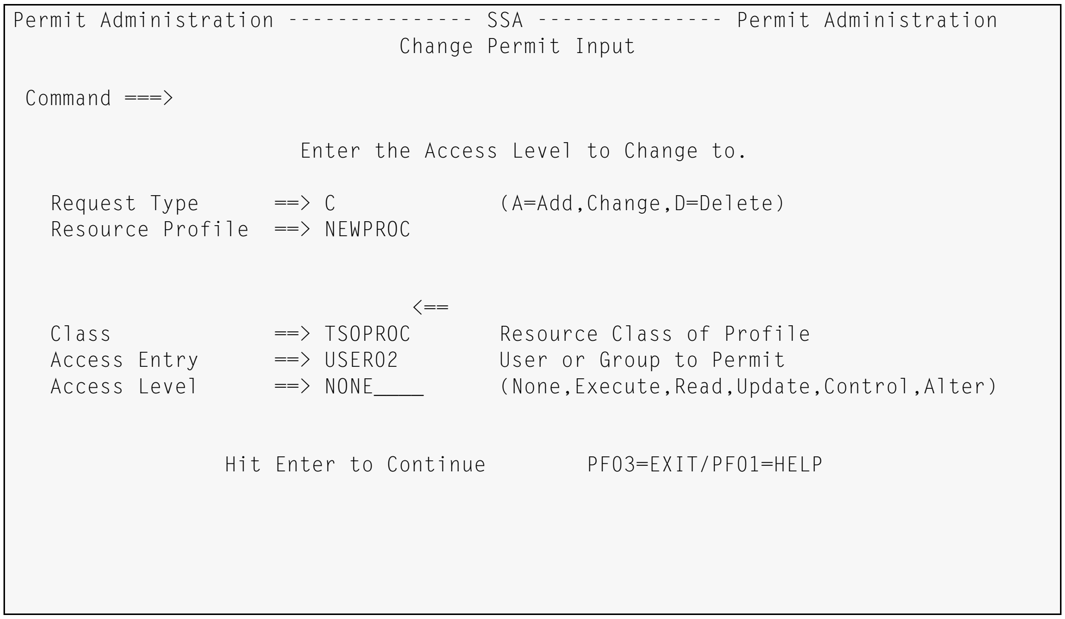
```
Permit Administration --------------- SSA --------------- Permit Administration
                              Resource Permit Input

 Command ===>

            Enter the Resource Profile, Class and Permit Information.

   Request Type      ==> A             (L=List,A=Add,C=Change,D=Delete)
   Resource Profile  ==> NEWPROC


                                <==
   Class             ==> TSOPROC       Resource Class of Profile
   Access Entry      ==> USER02__      User or Group to Permit
   Access Level      ==> ALTER___      (None,Execute,Read,Update,Control,Alter)



                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process adds the userid or group to the resource profile with the access level specified.

Change Resource Profile Permit

Perform the following steps to issue the equivalency of a RACF Permit to Resource Profile command (i.e., PERMIT NEWPROC CLASS(TSOPROC) ID(USER02) ACCESS(NONE)):

1. Enter ‘C’ into the Request Type field
2. TAB to the Resource Profile field, type in the resource profile.
3. TAB to the Class field, type in the class name.
4. TAB to the Access Entry field, type in a userid or group
5. TAB to the Access Level field, type in the new access level, and press ENTER.



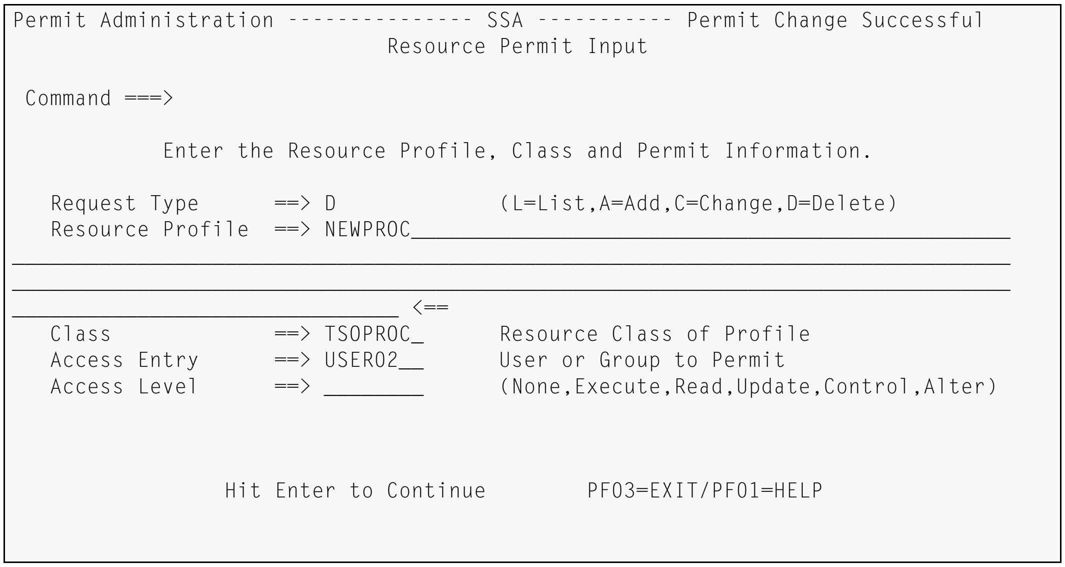
```
Permit Administration --------------- SSA --------------- Permit Administration
                               Change Permit Input

 Command ===>

                       Enter the Access Level to Change to.

   Request Type      ==> C             (A=Add,Change,D=Delete)
   Resource Profile  ==> NEWPROC



                                <==
   Class             ==> TSOPROC       Resource Class of Profile
   Access Entry      ==> USER02        User or Group to Permit
   Access Level      ==> NONE____      (None,Execute,Read,Update,Control,Alter)


                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process changes the userid’s or group’s access level to the resource profile specified.

Delete Resource Profile Permit

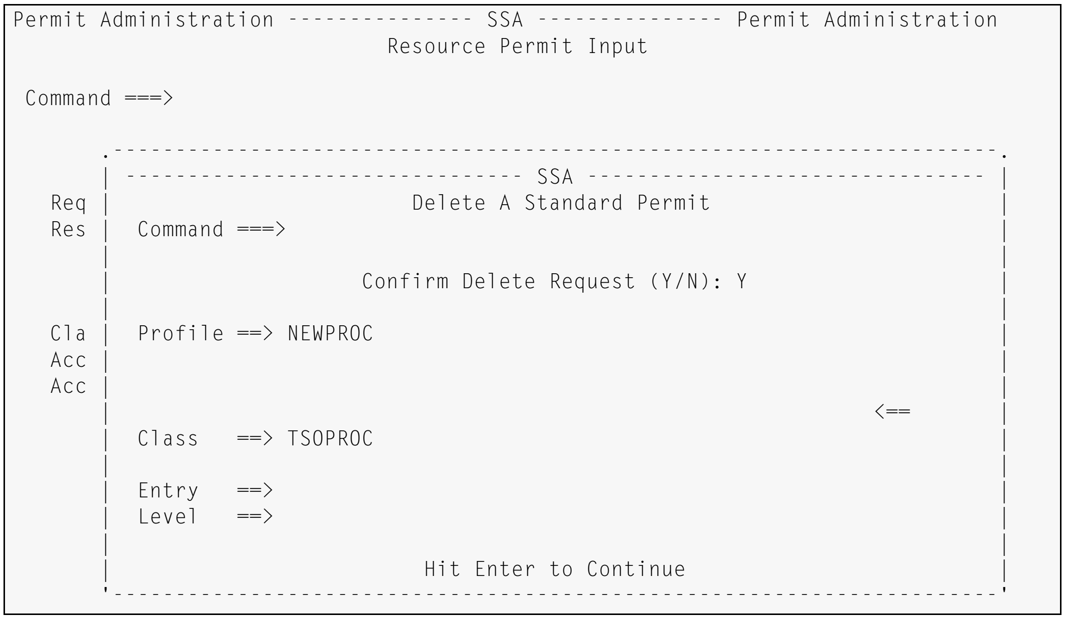
Perform the following steps to issue the equivalency of a RACF Permit to Resource Profile command (i.e., PERMIT NEWPROC CLASS(TSOPROC) ID(USER02) DEL):

1. Enter ‘D’ into the Request Type field
2. TAB to the Resource Profile field, type in the resource profile.
3. TAB to the Class field, type in the class name.
4. TAB to the Access Entry field, type in a userid or group, and press ENTER.



```
Permit Administration --------------- SSA ----------- Permit Change Successful
                              Resource Permit Input

 Command ===>

            Enter the Resource Profile, Class and Permit Information.

   Request Type      ==> D             (L=List,A=Add,C=Change,D=Delete)
   Resource Profile  ==> NEWPROC________________________________________________
________________________________________________________________________________
________________________________________________________________________________
_______________________________ <==
   Class             ==> TSOPROC_      Resource Class of Profile
   Access Entry      ==> USER02__      User or Group to Permit
   Access Level      ==> ________      (None,Execute,Read,Update,Control,Alter)



                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process deletes the specified resource profile permit. The following screen is presented to confirm the delete. Change the N to Y and press ENTER.



```
Permit Administration --------------- SSA --------------- Permit Administration
                              Resource Permit Input

 Command ===>

       .------------------------------------------------------------------------.
       | ------------------------------- SSA -------------------------------- |
   Req |                        Delete A Standard Permit                        |
   Res |  Command ===>                                                          |
       |                                                                        |
       |                    Confirm Delete Request (Y/N): Y                     |
       |                                                                        |
   Cla |  Profile ==> NEWPROC                                                   |
   Acc |                                                                        |
   Acc |                                                                        |
       |                                                              <==       |
       |  Class   ==> TSOPROC                                                   |
       |                                                                        |
       |  Entry   ==>                                                           |
       |  Level   ==>                                                           |
       |                                                                        |
       |                         Hit Enter to Continue                          |
       '------------------------------------------------------------------------'
```

Resource Member Administration Screens

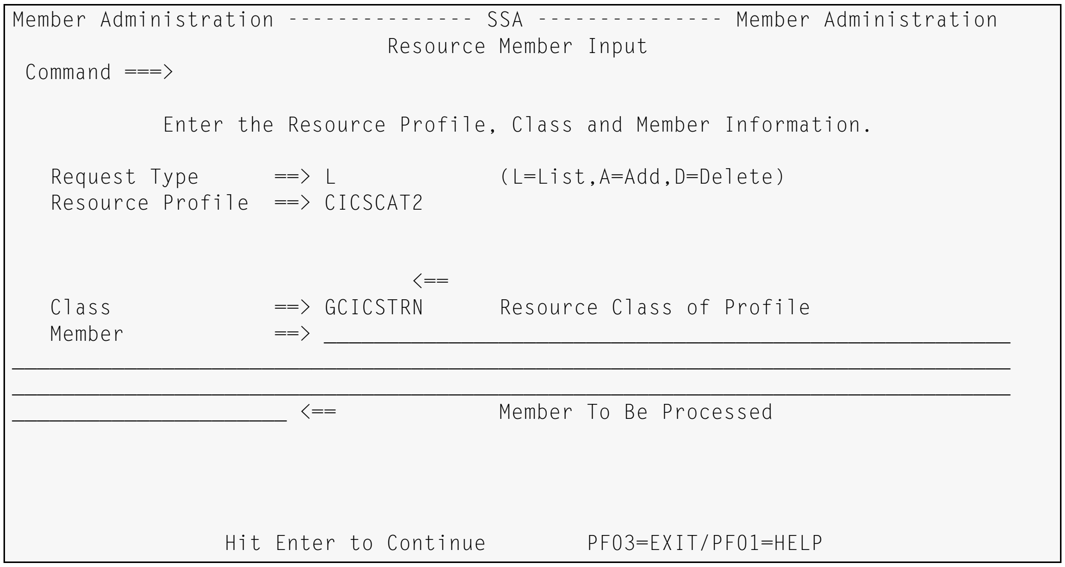
Perform List Resource Profile Members

Perform the following steps to issue the equivalency of a RACF List Resource command (i.e., RLIST GCICSTRN CICSCAT2):

1) Enter ‘L’ in the Request Type field.

2) TAB to the Resource Profile field, type in the *resource profile*.

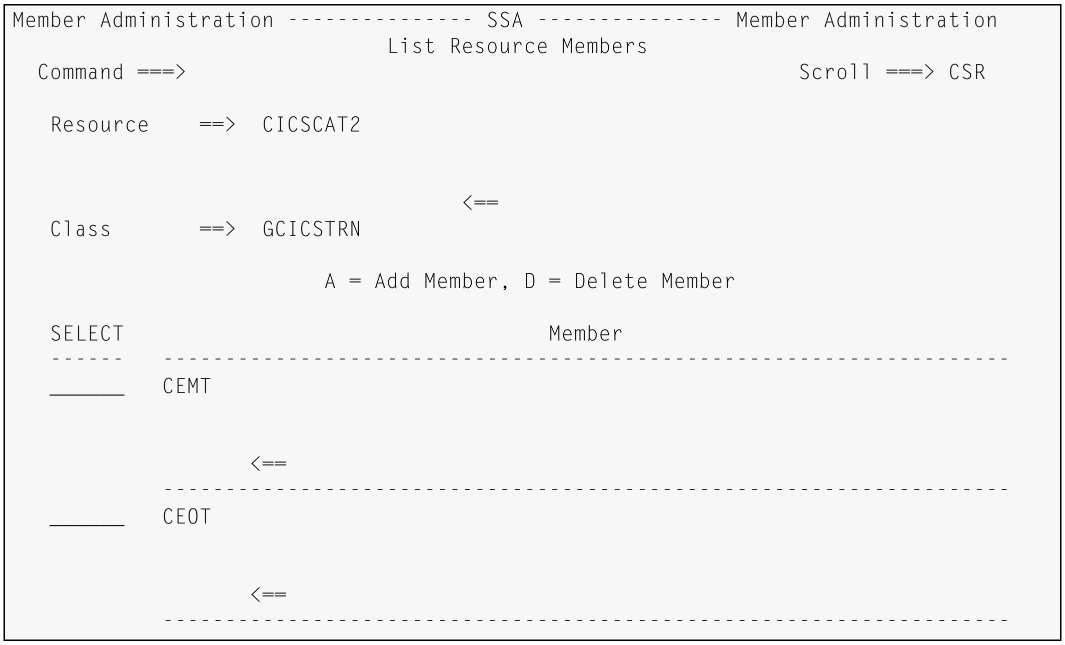
3) TAB to the Class field, type in the *class name*, and press ENTER.



```
Member Administration --------------- SSA --------------- Member Administration
                              Resource Member Input
 Command ===>

            Enter the Resource Profile, Class and Member Information.

   Request Type      ==> L             (L=List,A=Add,D=Delete)
   Resource Profile  ==> CICSCAT2


                                <==
   Class             ==> GCICSTRN      Resource Class of Profile
   Member            ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
______________________ <==             Member To Be Processed




                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

List Resource Profile Permits Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



```
Member Administration --------------- SSA --------------- Member Administration
                              List Resource Members
  Command ===>                                                   Scroll ===> CSR

   Resource    ==>  CICSCAT2


                                    <==
   Class       ==>  GCICSTRN

                         A = Add Member, D = Delete Member

   SELECT                                 Member
   ------   --------------------------------------------------------------------
   ______   CEMT


                   <==
            --------------------------------------------------------------------
   ______   CEOT


                   <==
            --------------------------------------------------------------------
```

You may ‘select and scroll’ through the listing and specify, in the select column, any of the following options:

- Add Member (A)

  Displays the Resource Member Administration Main Panel with the appropriate fields filled in.

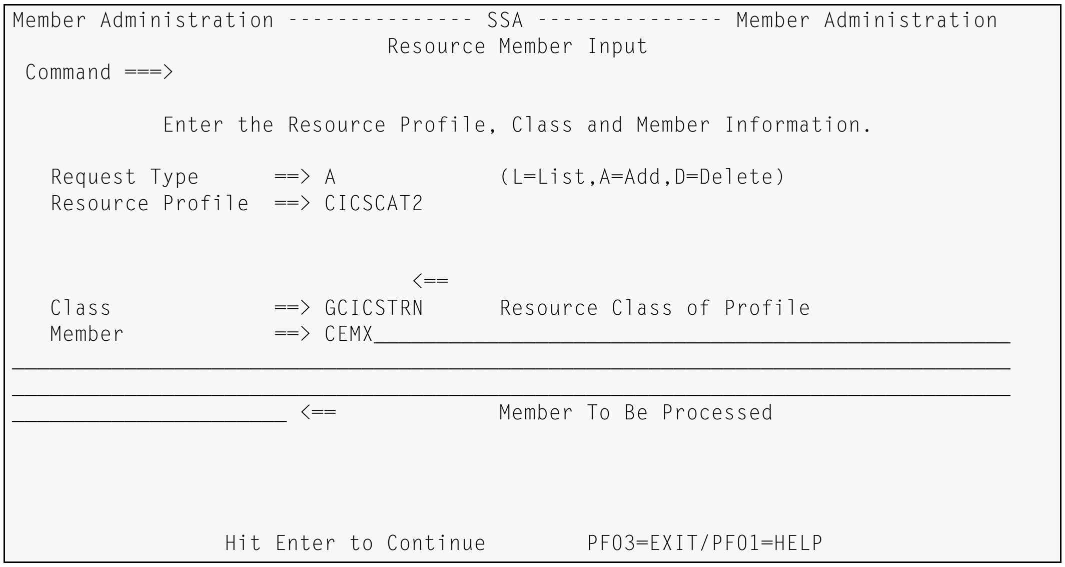
- Delete Member (D)

  Displays the Delete Resource Member confirmation panel. Type ‘Y’ to confirm the delete.

Add Resource Profile Member

Perform the following steps to issue the equivalency of a RACF Resource Profile Add Member command (i.e., RALTER GCICSTRN CICSCAT2 ADDMEM(CEMX)):

1. Enter ‘A’ into the Request Type field
2. TAB to the Resource Profile field, type in the resource profile.
3. TAB to the Class field, type in the class name.
4. TAB to the Member field, type in the new member, and press ENTER.



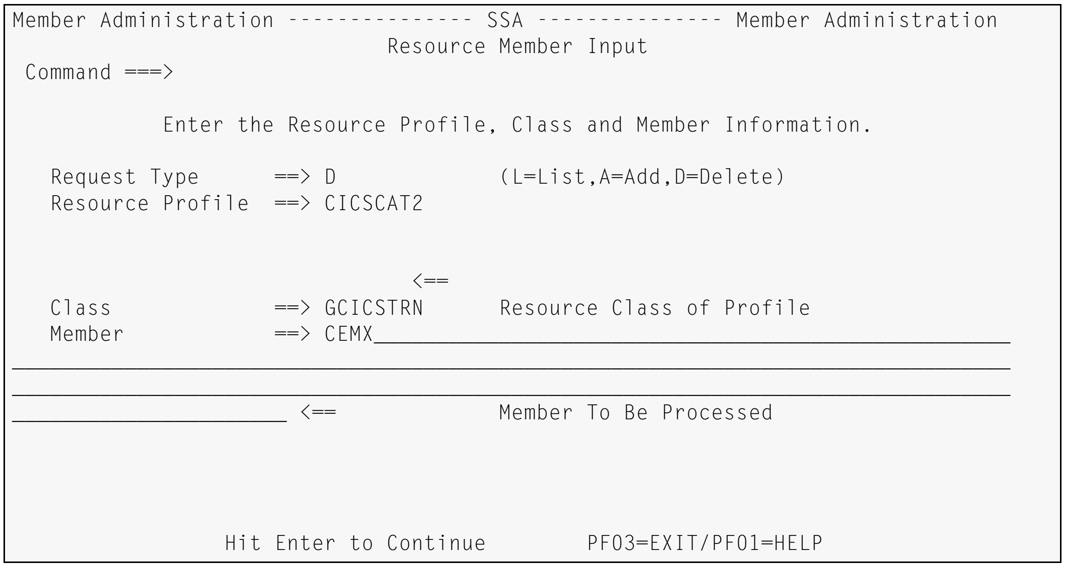
```
Member Administration --------------- SSA --------------- Member Administration
                              Resource Member Input
 Command ===>

            Enter the Resource Profile, Class and Member Information.

   Request Type      ==> A             (L=List,A=Add,D=Delete)
   Resource Profile  ==> CICSCAT2


                                <==
   Class             ==> GCICSTRN      Resource Class of Profile
   Member            ==> CEMX__________________________________________________
_______________________________________________________________________________
_______________________________________________________________________________
______________________ <==             Member To Be Processed




                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process adds the member requested to the resource profile and class specified.

Delete Resource Profile Member

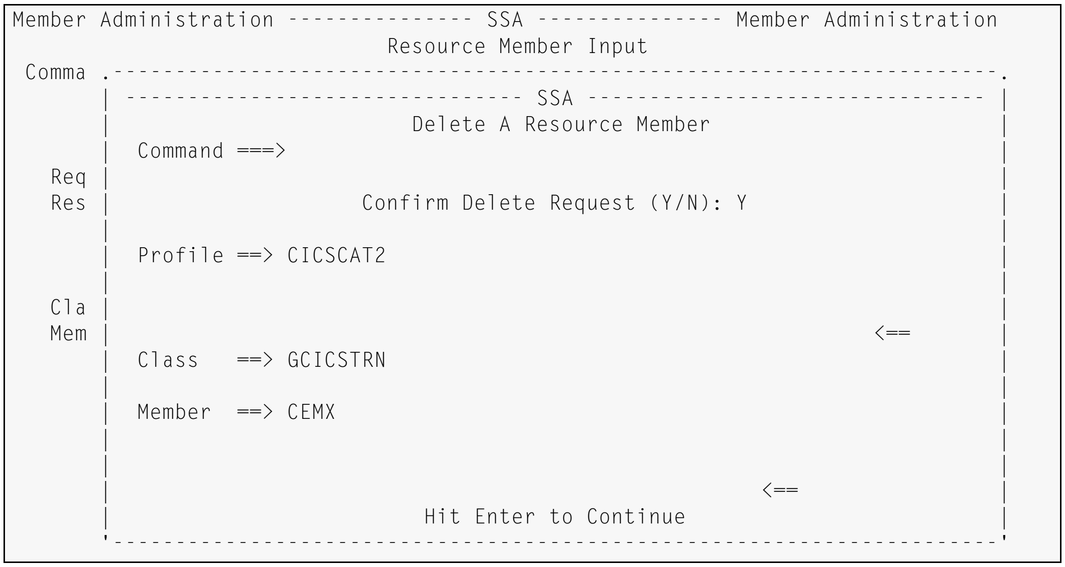
Perform the following steps to issue the equivalency of a RACF Resource Profile Add Member command (i.e., RALTER GCICSTRN CICSCAT2 DELMEM(CEMX)):

1. Enter ‘D’ into the Request Type field
2. TAB to the Resource Profile field, type in the resource profile.
3. TAB to the Class field, type in the class name.
4. TAB to the Member field, type in the member to remove, and press ENTER.



```
Member Administration --------------- SSA --------------- Member Administration
                              Resource Member Input
 Command ===>

            Enter the Resource Profile, Class and Member Information.

   Request Type      ==> D             (L=List,A=Add,D=Delete)
   Resource Profile  ==> CICSCAT2


                                <==
   Class             ==> GCICSTRN      Resource Class of Profile
   Member            ==> CEMX___________________________________________________
________________________________________________________________________________
________________________________________________________________________________
______________________ <==             Member To Be Processed




                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process deletes the specified resource member. The following screen is presented to confirm the delete. Change the N to Y and press ENTER.



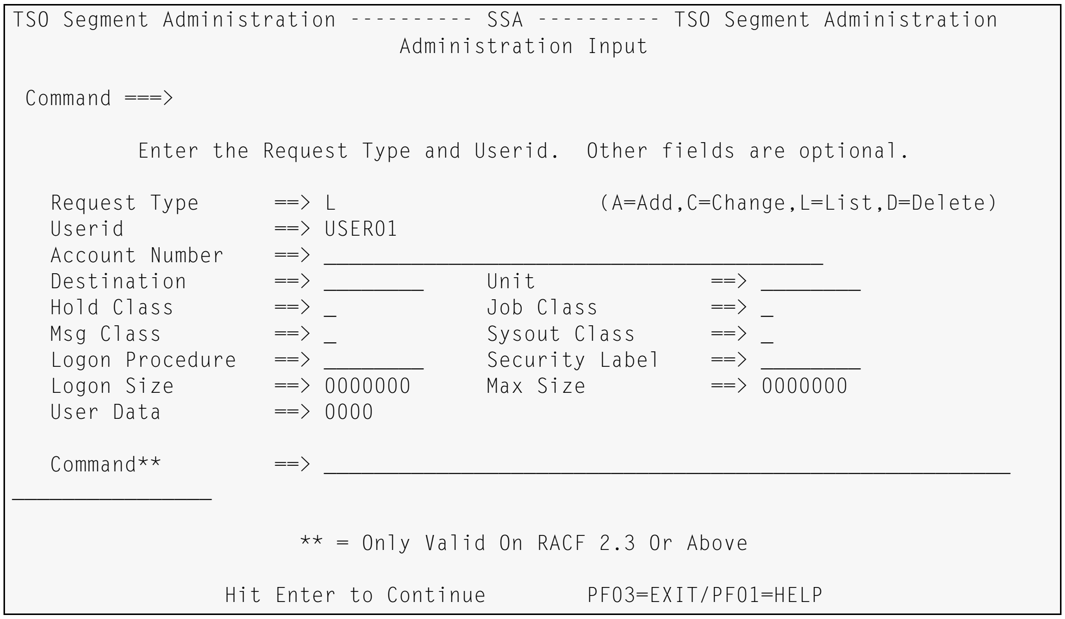
```
Member Administration --------------- SSA --------------- Member Administration
                              Resource Member Input
 Comma .-----------------------------------------------------------------------.
       | ------------------------------- SSA ------------------------------- |
       |                        Delete A Resource Member                      |
       |  Command ===>                                                        |
   Req |                                                                      |
   Res |                    Confirm Delete Request (Y/N): Y                   |
       |                                                                      |
       |  Profile ==> CICSCAT2                                                |
       |                                                                      |
   Cla |                                                                      |
   Mem |                                                             <==      |
       |  Class   ==> GCICSTRN                                                |
       |                                                                      |
       |  Member  ==> CEMX                                                    |
       |                                                                      |
       |                                                                      |
       |                                                    <==               |
       |                         Hit Enter to Continue                        |
       '-----------------------------------------------------------------------'
```

User TSO Segment Administration Screens

Perform List User TSO Segment

Perform the following steps to issue the equivalency of a RACF List User TSO Segment command (i.e., LISTUSER USER01 TSO NORACF):

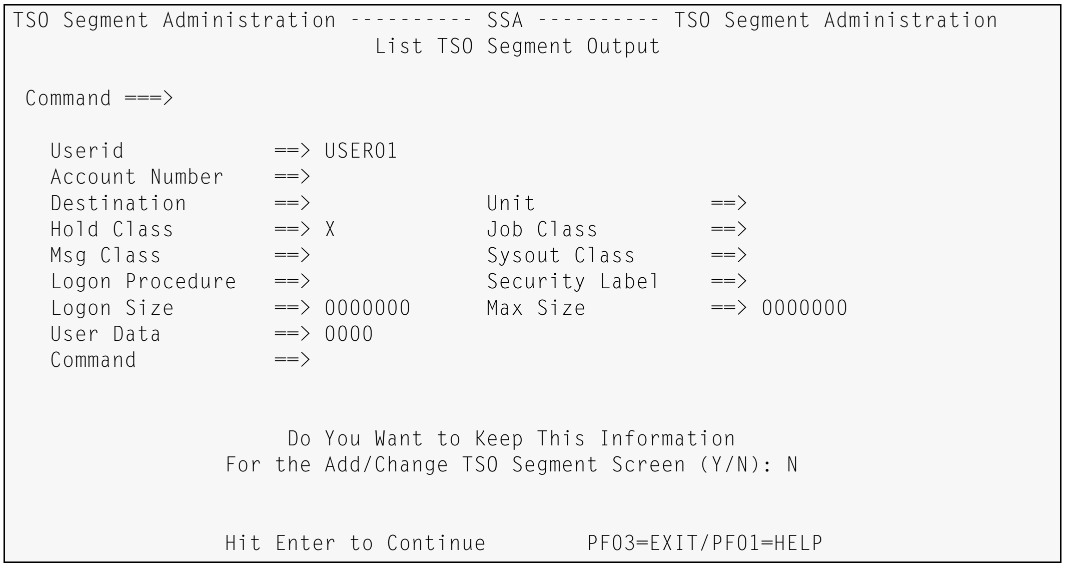
1. Enter ‘L’ in the Request Type field.
2. TAB to the Userid field, type in the userid, and press ENTER.



```
TSO Segment Administration ---------- SSA ---------- TSO Segment Administration
                               Administration Input

 Command ===>

          Enter the Request Type and Userid.  Other fields are optional.

   Request Type      ==> L                     (A=Add,C=Change,L=List,D=Delete)
   Userid            ==> USER01
   Account Number    ==> ________________________________________
   Destination       ==> ________     Unit              ==> ________
   Hold Class        ==> _            Job Class         ==> _
   Msg Class         ==> _            Sysout Class      ==> _
   Logon Procedure   ==> ________     Security Label    ==> ________
   Logon Size        ==> 0000000      Max Size          ==> 0000000
   User Data         ==> 0000

   Command**         ==> _______________________________________________________
________________

                       ** = Only Valid On RACF 2.3 Or Above

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

List User TSO Segment Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



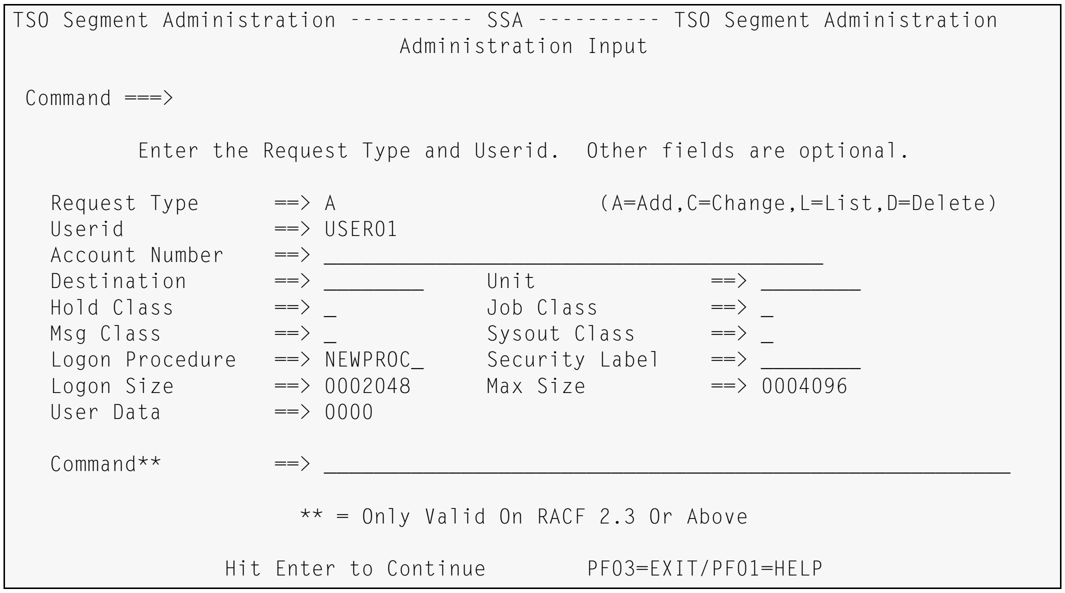
```
TSO Segment Administration ---------- SSA ---------- TSO Segment Administration
                             List TSO Segment Output

 Command ===>

   Userid            ==> USER01
   Account Number    ==>
   Destination       ==>             Unit             ==>
   Hold Class        ==> X           Job Class        ==>
   Msg Class         ==>             Sysout Class     ==>
   Logon Procedure   ==>             Security Label   ==>
   Logon Size        ==> 0000000     Max Size         ==> 0000000
   User Data         ==> 0000
   Command           ==>


                      Do You Want to Keep This Information
                 For the Add/Change TSO Segment Screen (Y/N): N


                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Always press ENTER after a List User TSO Segment, or to recover from a message, to return to the User TSO Segment Administration Main panel.

Add User TSO Segment

Perform the following steps to issue the equivalency of a RACF Alter User TSO Segment command (i.e., ALTUSER USER01 TSO(PROC(NEWPROC) SIZE(2048) MAXSIZE(4096)):

1. Enter ‘A’ into the Request Type field
2. TAB to the Userid field, type in the userid profile.
3. TAB to the Logon Procedure field, type in the procedure.
4. TAB to the Logon Size field, type in the minimum size.
5. TAB to the Max Size field, type in the maximum size, and press ENTER.



```
TSO Segment Administration ---------- SSA ---------- TSO Segment Administration
                               Administration Input

 Command ===>

          Enter the Request Type and Userid.  Other fields are optional.

   Request Type      ==> A                     (A=Add,C=Change,L=List,D=Delete)
   Userid            ==> USER01
   Account Number    ==> ________________________________________
   Destination       ==> ________     Unit              ==> ________
   Hold Class        ==> _            Job Class         ==> _
   Msg Class         ==> _            Sysout Class      ==> _
   Logon Procedure   ==> NEWPROC_     Security Label    ==> ________
   Logon Size        ==> 0002048      Max Size          ==> 0004096
   User Data         ==> 0000

   Command**         ==> _______________________________________________________

                       ** = Only Valid On RACF 2.3 Or Above

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

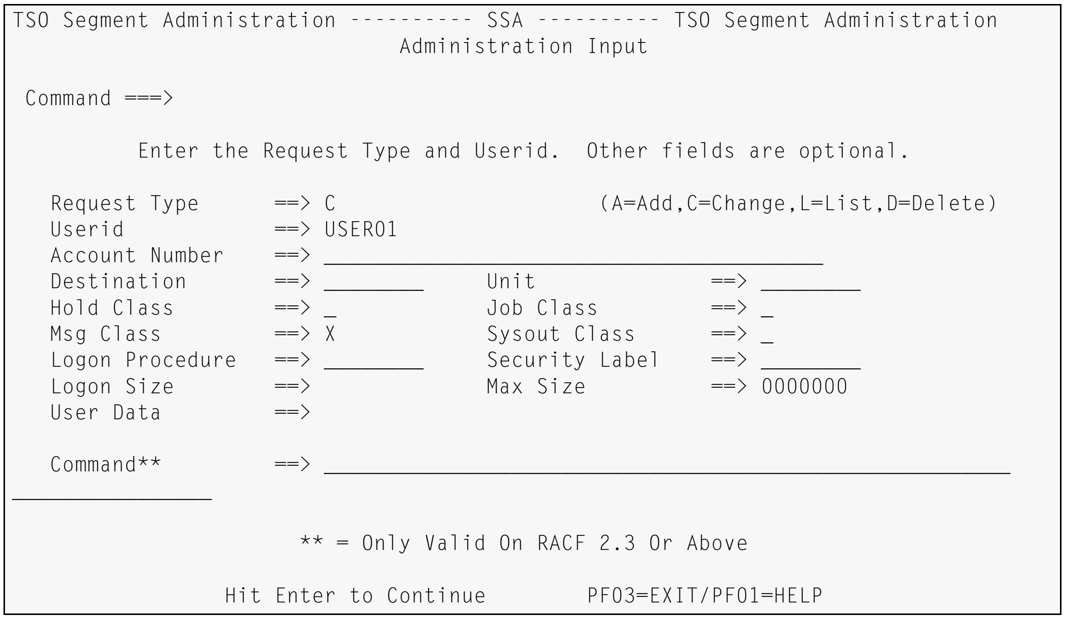
This process adds a TSO segment for the userid specified. All other fields are optional. The default values for optional fields if not specified are: The Logon Size field defaults to all zeroes, the Max Size field defaults to all zeroes, and the User Data field defaults to all zeroes.

Note: If the Max Size field is all zeroes then the userid’s TSO segment has an ‘unlimited’ amount of size for their logon session. Also, if the Max Size field is other than all zeroes, it must be greater than the Logon Size.

Change User TSO Segment

Perform the following steps to issue the equivalency of a RACF Alter User TSO Segment command (i.e., ALTUSER USER01 TSO(MAXSIZE(0000) MSGCLASS(X)):

1. Enter ‘C’ into the Request Type field
2. TAB to the Userid field, type in the userid profile.
3. TAB to the Msg Class field, type in the new message class value.
4. TAB to the Max Size field, type in the new maximum size.
5. TAB to the Logon Size and press Erase-End-Of-Field key, TAB to the User Data and press Erase-End-Of-Field key, and press ENTER.



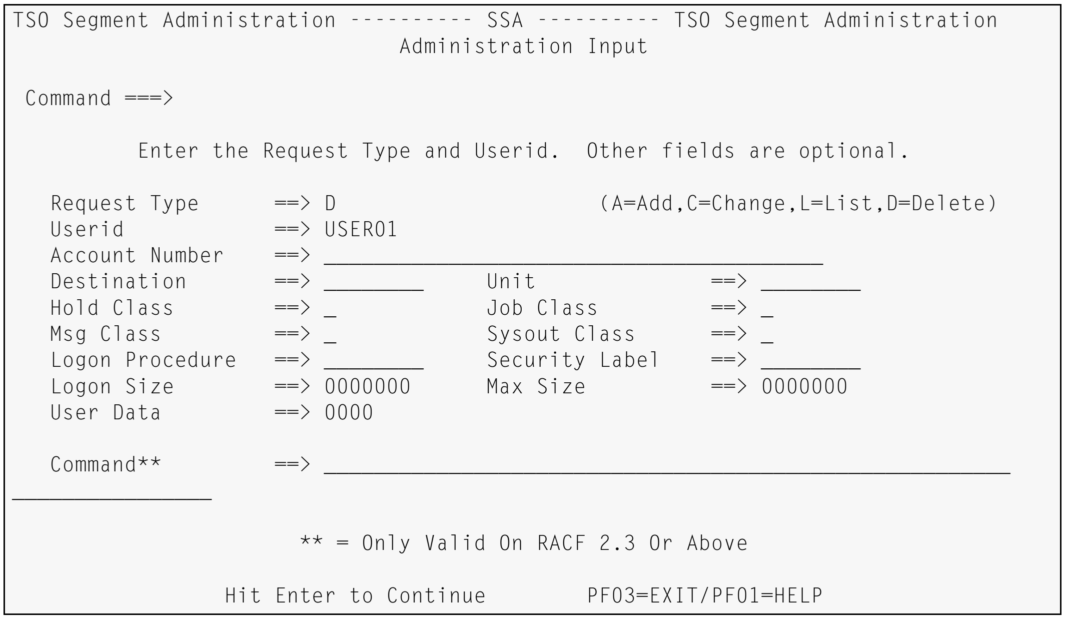
```
TSO Segment Administration ---------- SSA ---------- TSO Segment Administration
                               Administration Input

 Command ===>

          Enter the Request Type and Userid.  Other fields are optional.

   Request Type      ==> C                     (A=Add,C=Change,L=List,D=Delete)
   Userid            ==> USER01
   Account Number    ==> ________________________________________
   Destination       ==> ________     Unit              ==> ________
   Hold Class        ==> _            Job Class         ==> _
   Msg Class         ==> X            Sysout Class      ==> _
   Logon Procedure   ==> ________     Security Label    ==> ________
   Logon Size        ==>              Max Size          ==> 0000000
   User Data         ==>

   Command**         ==> _______________________________________________________
________________

                       ** = Only Valid On RACF 2.3 Or Above

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process changes the specified userid’s TSO segment. At least one of the other fields is required. All other fields are optional. No fields are updated unless specified.

Delete User TSO Segment

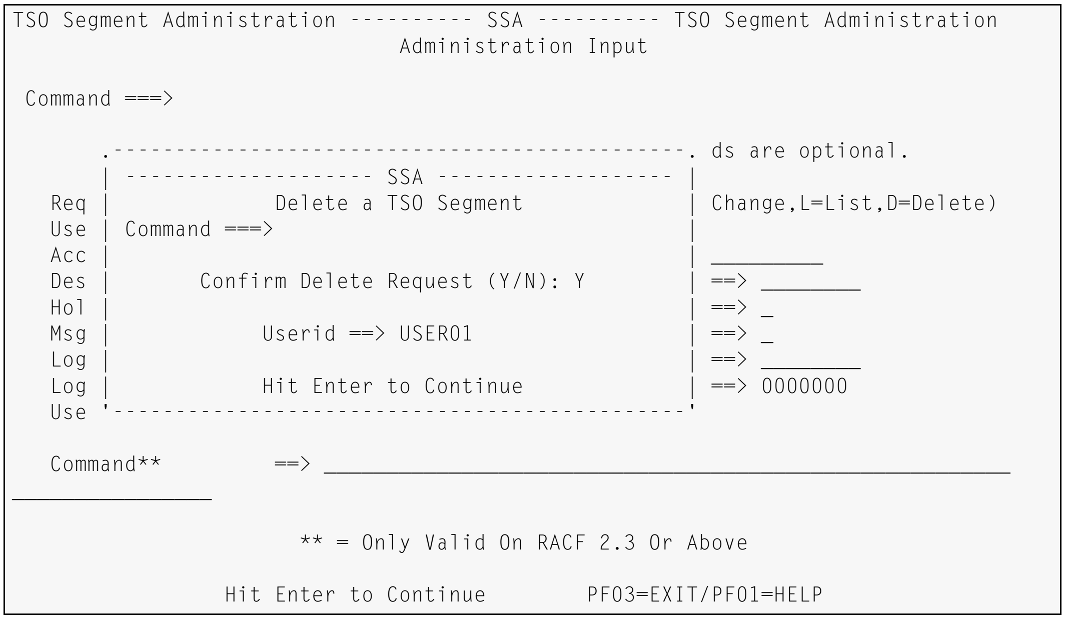
Perform the following steps to issue the equivalency of a RACF Alter User TSO Segment command (i.e., ALTUSER USER01 NOTSO):

1. Enter ‘D’ into the Request Type field
2. TAB to the Userid field, type in the userid profile, and press ENTER.



```
TSO Segment Administration ---------- SSA ---------- TSO Segment Administration
                               Administration Input

 Command ===>

          Enter the Request Type and Userid.  Other fields are optional.

   Request Type      ==> D                     (A=Add,C=Change,L=List,D=Delete)
   Userid            ==> USER01
   Account Number    ==> ________________________________________
   Destination       ==> ________     Unit              ==> ________
   Hold Class        ==> _            Job Class         ==> _
   Msg Class         ==> _            Sysout Class      ==> _
   Logon Procedure   ==> ________     Security Label    ==> ________
   Logon Size        ==> 0000000      Max Size          ==> 0000000
   User Data         ==> 0000

   Command**         ==> _______________________________________________________
________________

                       ** = Only Valid On RACF 2.3 Or Above

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process deletes the specified userid’s TSO segment. The following screen is presented to confirm the delete. Change the N to Y and press ENTER.



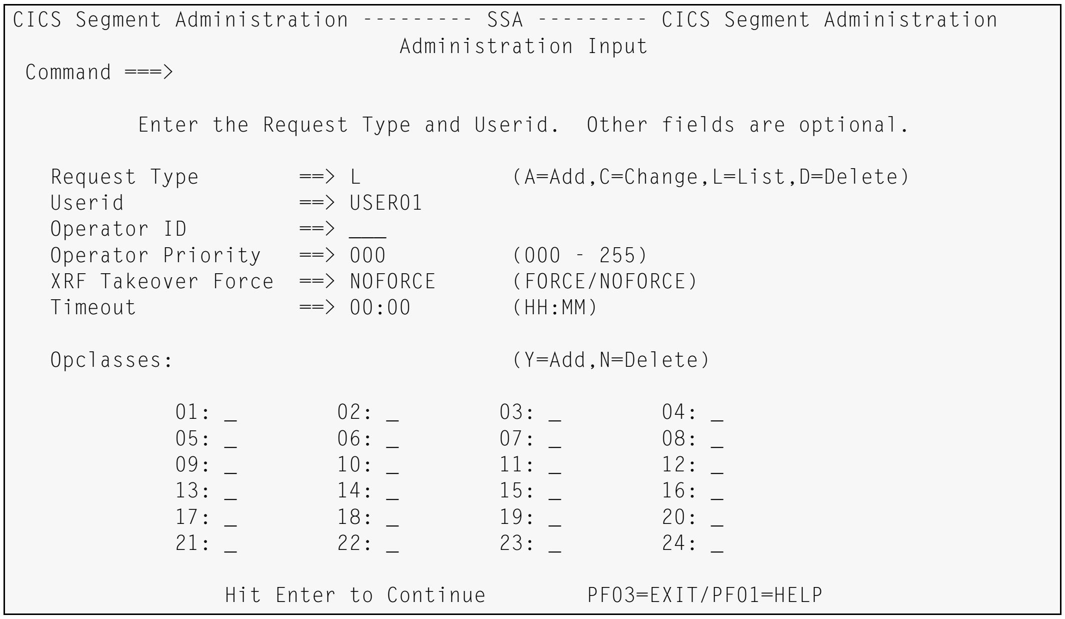
```
TSO Segment Administration ---------- SSA ---------- TSO Segment Administration
                               Administration Input

 Command ===>

       .----------------------------------------------. ds are optional.
       | -------------------- SSA ------------------- |
   Req |             Delete a TSO Segment             | Change,L=List,D=Delete)
   Use | Command ===>                                 |
   Acc |                                              | _________
   Des |       Confirm Delete Request (Y/N): Y        | ==> ________
   Hol |                                              | ==> _
   Msg |            Userid ==> USER01                 | ==> _
   Log |                                              | ==> ________
   Log |            Hit Enter to Continue             | ==> 0000000
   Use '----------------------------------------------'

   Command**         ==> _______________________________________________________
________________

                       ** = Only Valid On RACF 2.3 Or Above

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

User CICS Segment Administration Screens

Perform List User CICS Segment

Perform the following steps to issue the equivalency of a RACF List User CICS Segment command (i.e., LISTUSER USER01 CICS NORACF):

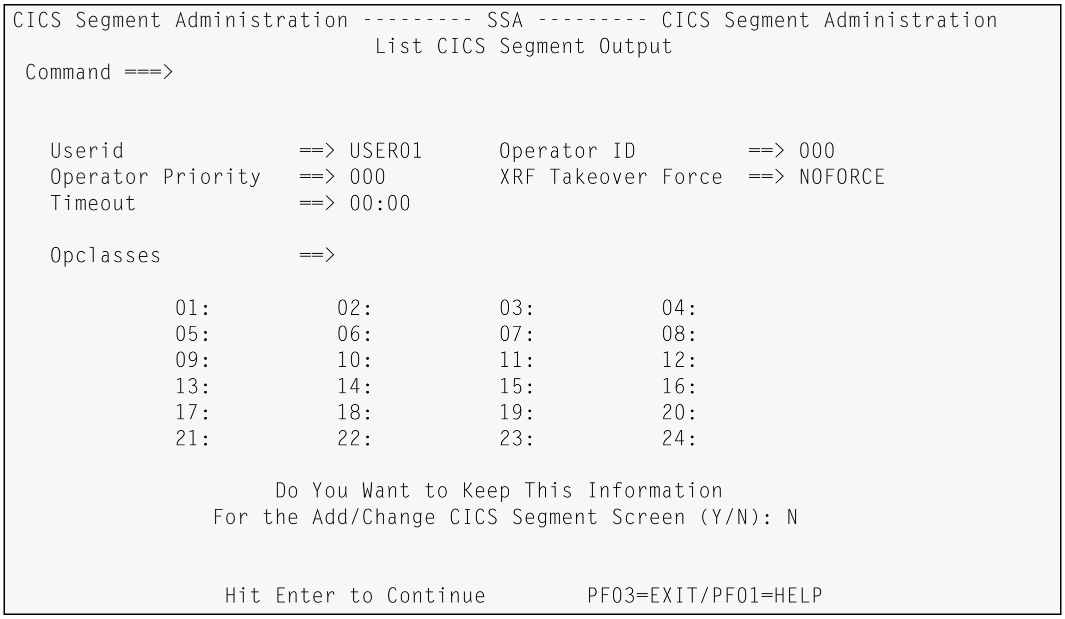
1. Enter ‘L’ in the Request Type field.
2. TAB to the Userid field, type in the userid, and press ENTER.



```
CICS Segment Administration --------- SSA --------- CICS Segment Administration
                               Administration Input
 Command ===>

          Enter the Request Type and Userid.  Other fields are optional.

   Request Type        ==> L            (A=Add,C=Change,L=List,D=Delete)
   Userid              ==> USER01
   Operator ID         ==> ___
   Operator Priority   ==> 000          (000 - 255)
   XRF Takeover Force  ==> NOFORCE      (FORCE/NOFORCE)
   Timeout             ==> 00:00        (HH:MM)

   Opclasses:                           (Y=Add,N=Delete)

             01: _        02: _        03: _        04: _
             05: _        06: _        07: _        08: _
             09: _        10: _        11: _        12: _
             13: _        14: _        15: _        16: _
             17: _        18: _        19: _        20: _
             21: _        22: _        23: _        24: _

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

List User CICS Segment Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



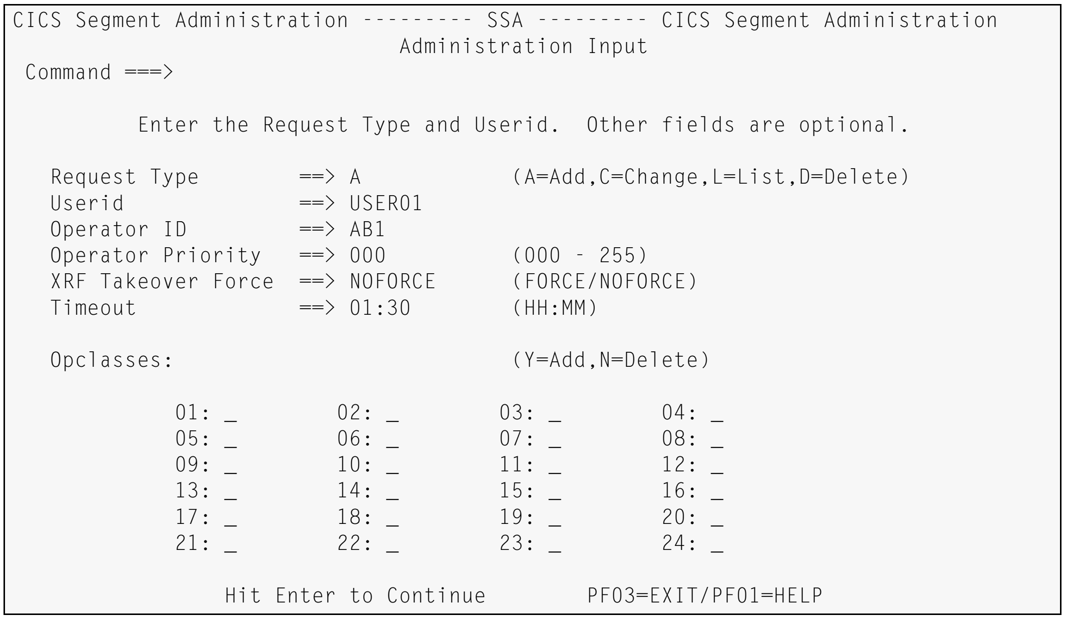
```
CICS Segment Administration --------- SSA --------- CICS Segment Administration
                             List CICS Segment Output
 Command ===>


   Userid              ==> USER01      Operator ID         ==> 000
   Operator Priority   ==> 000         XRF Takeover Force  ==> NOFORCE
   Timeout             ==> 00:00

   Opclasses           ==>

             01:          02:          03:          04:
             05:          06:          07:          08:
             09:          10:          11:          12:
             13:          14:          15:          16:
             17:          18:          19:          20:
             21:          22:          23:          24:

                     Do You Want to Keep This Information
                For the Add/Change CICS Segment Screen (Y/N): N


                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Always press ENTER after a List User CICS Segment, or to recover from a message, to return to the User CICS Segment Administration Main panel.

Add User CICS Segment

Perform the following steps to issue the equivalency of a RACF Alter User CICS Segment command (i.e., ALTUSER USER01 CICS (OPIDENT(AB1) TIMEOUT(0130)):

1. Enter ‘A’ into the Request Type field
2. TAB to the Userid field, type in the userid profile.
3. TAB to the Operator Identity field, type in the opid.
4. TAB to the Timeout field, type in the timeout value, and press ENTER.



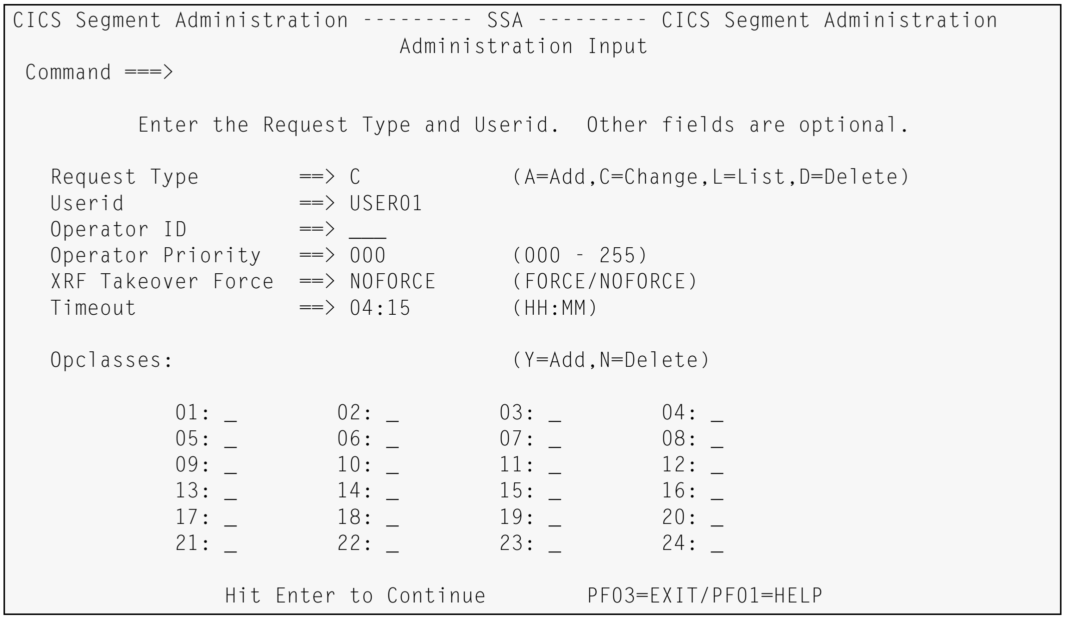
```
CICS Segment Administration --------- SSA --------- CICS Segment Administration
                               Administration Input
 Command ===>

          Enter the Request Type and Userid.  Other fields are optional.

   Request Type        ==> A            (A=Add,C=Change,L=List,D=Delete)
   Userid              ==> USER01
   Operator ID         ==> AB1
   Operator Priority   ==> 000          (000 - 255)
   XRF Takeover Force  ==> NOFORCE      (FORCE/NOFORCE)
   Timeout             ==> 01:30        (HH:MM)

   Opclasses:                           (Y=Add,N=Delete)

             01: _        02: _        03: _        04: _
             05: _        06: _        07: _        08: _
             09: _        10: _        11: _        12: _
             13: _        14: _        15: _        16: _
             17: _        18: _        19: _        20: _
             21: _        22: _        23: _        24: _

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process adds a CICS segment for the userid specified. All other fields are optional. The default values for optional fields if not specified are: The Operator ID field defaults to all zeroes, the Operator Priority field defaults to all zeroes, the Timeout field defaults to all zeroes, XRF Takeover Force field defaults to NOFORCE.

Change User CICS Segment

Perform the following steps to issue the equivalency of a RACF Alter User CICS Segment command (i.e., ALTUSER USER01 CICS (TIMEOUT(0415)):

1. Enter ‘C’ into the Request Type field
2. TAB to the Userid field, type in the userid profile.
3. TAB to the Timeout field, type in the new timeout value, and press ENTER.



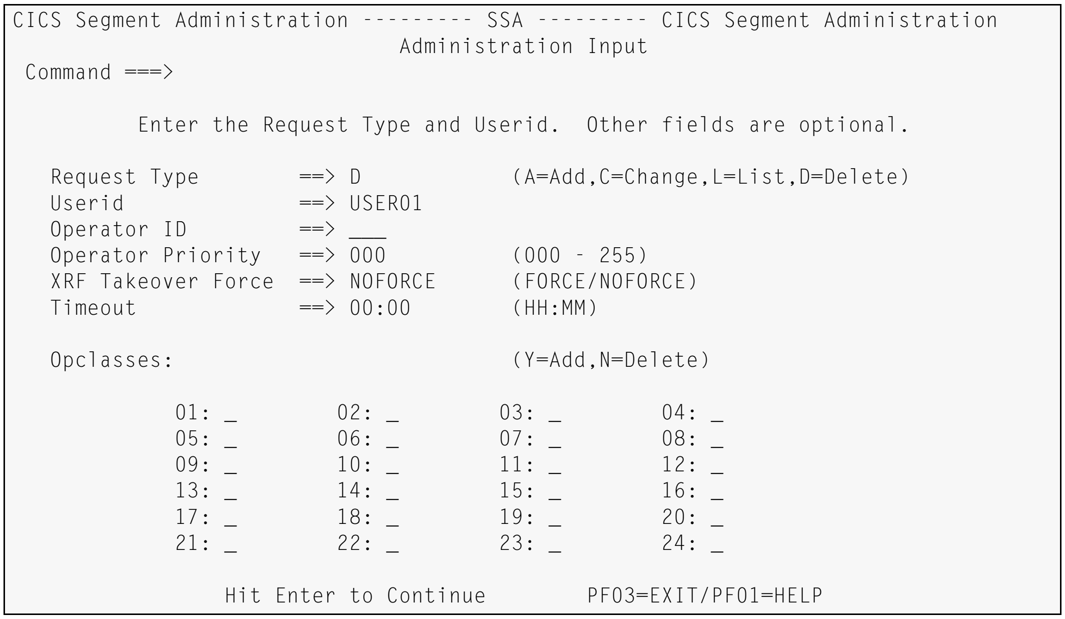
```
CICS Segment Administration --------- SSA --------- CICS Segment Administration
                               Administration Input
 Command ===>

          Enter the Request Type and Userid.  Other fields are optional.

   Request Type        ==> C            (A=Add,C=Change,L=List,D=Delete)
   Userid              ==> USER01
   Operator ID         ==> ___
   Operator Priority   ==> 000          (000 - 255)
   XRF Takeover Force  ==> NOFORCE      (FORCE/NOFORCE)
   Timeout             ==> 04:15        (HH:MM)

   Opclasses:                           (Y=Add,N=Delete)

             01: _        02: _        03: _        04: _
             05: _        06: _        07: _        08: _
             09: _        10: _        11: _        12: _
             13: _        14: _        15: _        16: _
             17: _        18: _        19: _        20: _
             21: _        22: _        23: _        24: _

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process changes the specified userid’s CICS segment. At least one of the other fields is required. All other fields are optional. No fields are updated unless specified.

Delete User CICS Segment

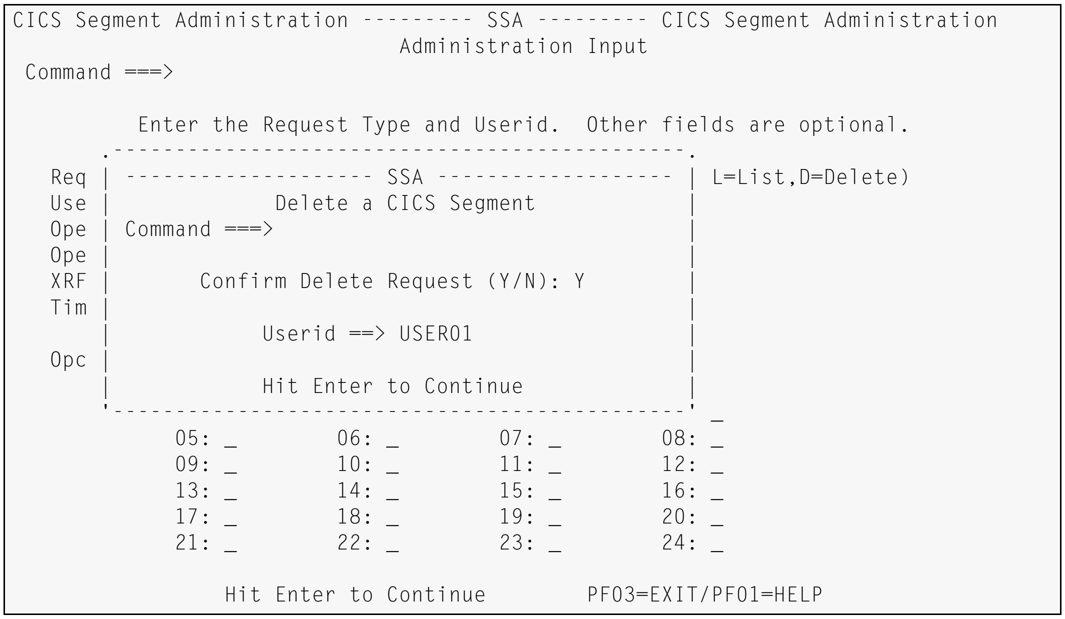
Perform the following steps to issue the equivalency of a RACF Alter User CICS Segment command (i.e., ALTUSER USER01 NOCICS):

1. Enter ‘D’ into the Request Type field
2. TAB to the Userid field, type in the userid profile, and press ENTER.



```
CICS Segment Administration --------- SSA --------- CICS Segment Administration
                               Administration Input
 Command ===>

          Enter the Request Type and Userid.  Other fields are optional.

   Request Type        ==> D            (A=Add,C=Change,L=List,D=Delete)
   Userid              ==> USER01
   Operator ID         ==> ___
   Operator Priority   ==> 000          (000 - 255)
   XRF Takeover Force  ==> NOFORCE      (FORCE/NOFORCE)
   Timeout             ==> 00:00        (HH:MM)

   Opclasses:                           (Y=Add,N=Delete)

             01: _        02: _        03: _        04: _
             05: _        06: _        07: _        08: _
             09: _        10: _        11: _        12: _
             13: _        14: _        15: _        16: _
             17: _        18: _        19: _        20: _
             21: _        22: _        23: _        24: _

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

This process deletes the specified userid’s CICS Segment. The following screen is presented to confirm the delete. Change the N to Y and press ENTER.



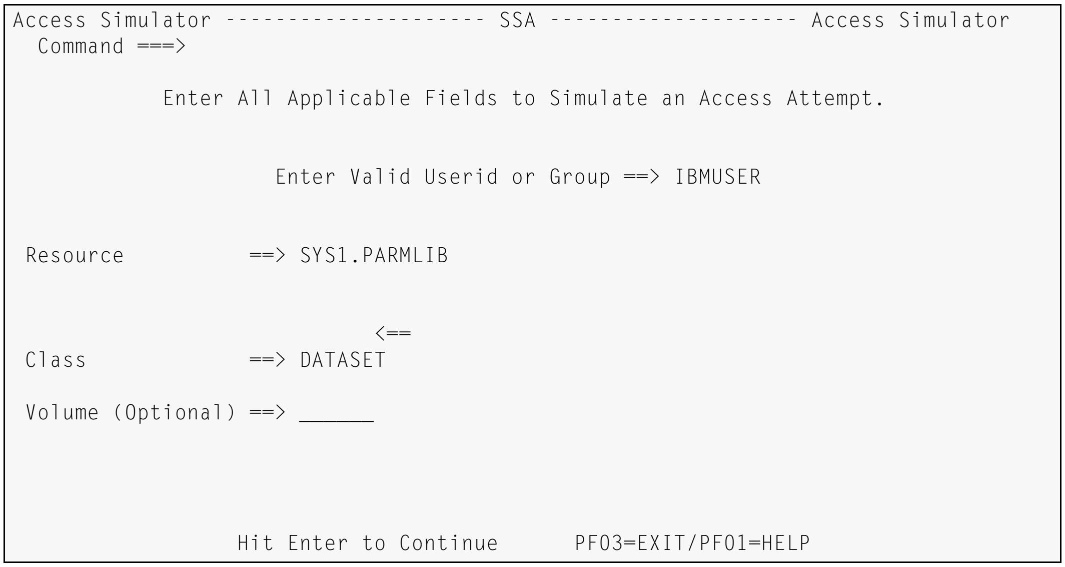
```
CICS Segment Administration --------- SSA --------- CICS Segment Administration
                               Administration Input
 Command ===>

          Enter the Request Type and Userid.  Other fields are optional.
        .----------------------------------------------.
   Req | ------------------- SSA ------------------- | L=List,D=Delete)
   Use |              Delete a CICS Segment           |
   Ope | Command ===>                                 |
   Ope |                                              |
   XRF |       Confirm Delete Request (Y/N): Y        |
   Tim |                                              |
       |             Userid ==> USER01                |
   Opc |                                              |
       |             Hit Enter to Continue            |
        '----------------------------------------------' _
             05: _        06: _        07: _        08: _
             09: _        10: _        11: _        12: _
             13: _        14: _        15: _        16: _
             17: _        18: _        19: _        20: _
             21: _        22: _        23: _        24: _

                 Hit Enter to Continue        PF03=EXIT/PF01=HELP
```

Access Simulator

The access simulator allows users to interrogate RACF to determine the user's or group's highest allowed access level to a particular resource. The Access Simulator also determines the protecting profile of the resource.

Security — You must have read access to the default profile SSA.ACCESS.SIMULATOR in the default resource class MAA$RULE (See Configuration section for changing defaults).

Below is the input screen where you specify the user or group and the resource to be checked.:



```
Access Simulator -------------------- SSA ------------------- Access Simulator
  Command ===>

            Enter All Applicable Fields to Simulate an Access Attempt.


                     Enter Valid Userid or Group ==> IBMUSER


 Resource          ==> SYS1.PARMLIB


                             <==
 Class             ==> DATASET

 Volume (Optional) ==> ______




                  Hit Enter to Continue      PF03=EXIT/PF01=HELP
```

ENTER VALID USERID OR GROUP
: Enter a valid userid or group whose authority you want checked.

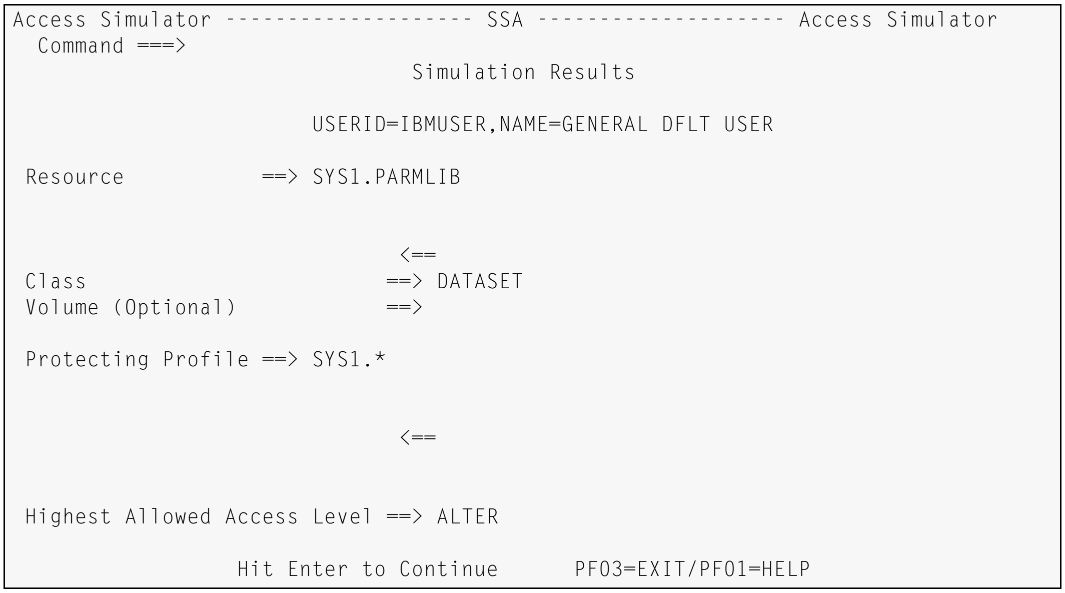
RESOURCE — Enter a resource (can be dataset or general resource) that you want the user or groups authority checked against. It must be a fully qualified resource; no generic profiles.

CLASS — Enter a valid resource class (can be dataset or general resource class).

Note: USER and GROUP are not valid classes.

VOLUME — Optional. If you specify a dataset as the resource and DATASET as the class to check, you can specify a volume. If the resource and volume combination do not match an existing discrete profile, then checking will default to the generic profile that is providing protection.Once you have entered the required fields and hit enter, you will be presented with the results of the access check as shown below.

Access Simulator Results Screen:



```
Access Simulator ------------------- SSA ------------------- Access Simulator
  Command ===>
                               Simulation Results

                       USERID=IBMUSER,NAME=GENERAL DFLT USER

 Resource          ==> SYS1.PARMLIB


                              <==
 Class                       ==> DATASET
 Volume (Optional)           ==>

 Protecting Profile ==> SYS1.*


                              <==


 Highest Allowed Access Level ==> ALTER

                  Hit Enter to Continue     PF03=EXIT/PF01=HELP
```

The access simulation returns the following:

- Identification of entry. If it is a user, the users name is returned as well.
- The resource you entered originally.
- The resource class you entered originally
- The volume if entered originally
- RACF profile, if any, that is protecting the resource specified.
- Highest access level allowed by the user or group entered to the resource specified.

Chapter 8 System Resource Monitor

SSA monitors and reports on sensitive system resources. These resources are critical MVS components. However, they can represent a possible impact on the integrity and security of a system.

Most resources can be related to RACF security, in which case the report shows that relationship and expands upon it. For example, it is important to monitor the status of RACF dataset profile protection for APF authorized libraries. SSA will not only report on the APF authorized libraries but will include, if you choose the options, the protecting RACF profile (if there is one), the permissions to that profile, and will expand the group permissions showing all users connected to that group.

Note: All reports obtain information from in-storage currently active settings, not from datasets like SYS1.PARMLIB.

System Resource Monitor Global Conventions

Through-out the SSA product and manual there are several “global” conventions that occur. For the System Resource Monitor section the following conventions apply:

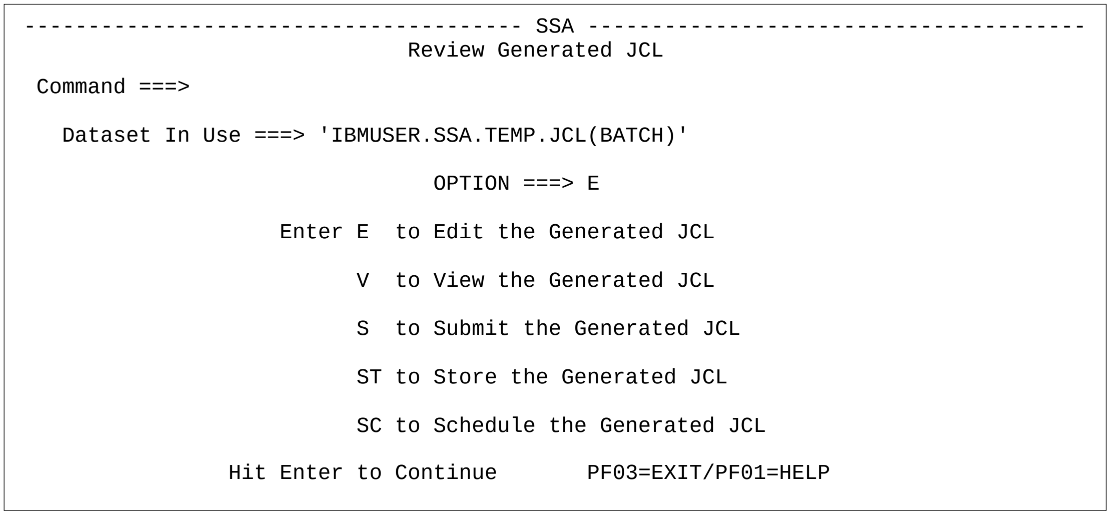
Security

All SSA system resource monitor reports are protected at both the panel dialog level and at the report execution level. The default RACF general resource class is MAA$RULE and READ is the required access level. Below is a list of the system resource monitor reports and the default security profiles that a user must have access to in order to execute the options. See the Configuration section on changing the default protecting class or profiles if you want to change them.

System Resource Monitor Report	RACF Profile
System Resource Monitor Panel Dialog	MEGASOLVE-SSA.MONITOR.REPORTS
APF (Authorized Program Facility)	MEGASOLVE-SSA.MONITOR.APF
LLT (Link List Table)	MEGASOLVE-SSA.MONITOR.LLT
LPA (Link Pack Area)	MEGASOLVE-SSA.MONITOR.LPA
CDT (Class Descriptor Table)	MEGASOLVE-SSA.MONITOR.CDT
PPT (Program Properties Table)	MEGASOLVE-SSA.MONITOR.PPT
GRI (General RACF Information)	MEGASOLVE-SSA.MONITOR.RAC
EXT (RACF Installation Exits)	MEGASOLVE-SSA.MONITOR.RAC
RDS (RACF Database Datasets)	MEGASOLVE-SSA.MONITOR.RAC
RAU (RACF Authorized Caller Table)	MEGASOLVE-SSA.MONITOR.RAU
RFR (RACF Router Table)	MEGASOLVE-SSA.MONITOR.RFR
SMF (System Management Facility)	MEGASOLVE-SSA.MONITOR.SMF
STC (Started Task Table)	MEGASOLVE-SSA.MONITOR.STC
SVC (Supervisor Calls)	MEGASOLVE-SSA.MONITOR.SVC
ATT (Authorized TSO Tables)	MEGASOLVE-SSA.MONITOR.ATT ** And PARMLIB profile in the TSOAUTH class

Batch or Online Operational Mode

BATCH mode processing generates the JCL necessary to create the report you requested based upon your selections. SSA displays the Review Generated JCL panel, as shown below.



```
--------------------------------------- SSA ---------------------------------------
                              Review Generated JCL
 Command ===>

   Dataset In Use ===> 'IBMUSER.SSA.TEMP.JCL(BATCH)'

                                OPTION ===> E

                    Enter E  to Edit the Generated JCL

                          V  to View the Generated JCL

                          S  to Submit the Generated JCL

                          ST to Store the Generated JCL

                          SC to Schedule the Generated JCL

                Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

E Select E if you want to be placed in an EDIT session.

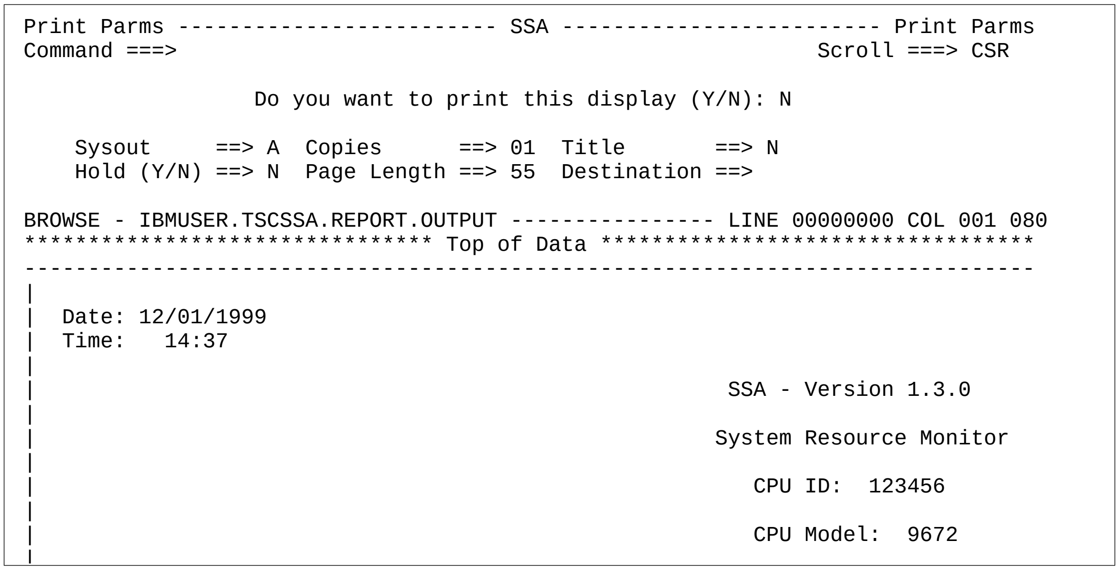
V Select V if you want to be placed in a VIEW session.

S Select S if you want to submit the generated JCL.

ST Select ST if you want to store the generated JCL in the SSA storage facility.

SC Select SC if you want to schedule the generated JCL via The SCHEDULER. For details on scheduling, please see “The SCHEDULER” on page 255.

ONLINE mode processing creates the report based upon your selections automatically. You are then presented with a BROWSE session as shown below. You can decide to print the report produced.



```
Print Parms ------------------------- SSA ------------------------- Print Parms
Command ===>                                                  Scroll ===> CSR

                  Do you want to print this display (Y/N): N

    Sysout     ==> A  Copies      ==> 01  Title       ==> N
    Hold (Y/N) ==> N  Page Length ==> 55  Destination ==>

BROWSE - IBMUSER.TSCSSA.REPORT.OUTPUT ---------------- LINE 00000000 COL 001 080
******************************** Top of Data **********************************
--------------------------------------------------------------------------------
|
|  Date: 12/01/1999
|  Time:   14:37
|
|                                                      SSA - Version 1.3.0
|
|                                                     System Resource Monitor
|
|                                                        CPU ID:  123456
|
|                                                        CPU Model:  9672
|
```

Send Report Output

S (SYSOUT) Valid for BATCH mode only. Sends the report output to SYSOUT (if the JOB is expanded through SDSF a DDNAME of AAREPORT is used).

D (DATASET) Valid for BATCH or ONLINE modes. In either mode the output is directed to the output dataset.

System Resource Monitor Report JCL

All report generation options use the same JCL. Below is sample JCL (MNMONBTC - System Resource Monitor Reports):

```
//*
//*
//**************************************************
//**                                              **
//**           SMART SECURITY ADMINISTRATOR       **
//**                                              **
//**                VERSION 1.3.0                 **
//**                                              **
//** (C) 1999 UNICOM SYSTEMS,INC.                 **
//**             ALL RIGHTS RESERVED              **
//**************************************************
//*
//* JCL CREATED BY USER01
//* JCL CREATED ON 12/01/1999
//* JCL CREATED AT 14:37
//*
//* JOB FUNCTION: SYSTEM_RESOURCE_MONITOR_REPORT
//*
//STEP010  EXEC PGM=IKJEFT01,DYNAMNBR=30,TIME=1440,REGION=4096K
//SYSPROC  DD  DISP=SHR,
//             DSN=SSA.ISPCLIB
//ISPPROF  DD  DSN=&PROFILE,DISP=(,PASS),SPACE=(TRK,(1,1,1)),
//             DCB=(LRECL=80,BLKSIZE=6160,RECFM=FB),UNIT=SYSDA
//ISPPLIB  DD  DISP=SHR,
//             DSN=SSA.ISPPLIB
//ISPSLIB  DD  DISP=SHR,
//             DSN=SSA.ISPSLIB
//ISPMLIB  DD  DISP=SHR,
//             DSN=ISP.SISPMENU
//         DD  DISP=SHR,
//             DSN=SSA.ISPMLIB
//ISPTLIB  DD  DISP=SHR,
//             DSN=ISP.SISPTENU
//AADBTLIB DD  DISP=SHR,
//             DSN=SSA.RACFDATA.ISPTLIB
//STEPLIB  DD  DISP=SHR,
//             DSN=SSA.LOADLIB
```

```
//ISPCTL1  DD  DSN=&CNTL1,DISP=(,PASS),UNIT=SYSDA,
//             DCB=(LRECL=80,BLKSIZE=800,RECFM=FB),SPACE=(TRK,(5,5))
//ISPCTL2  DD  DSN=&CNTL2,DISP=(,PASS),UNIT=SYSDA,
//             DCB=(LRECL=80,BLKSIZE=800,RECFM=FB),SPACE=(TRK,(5,5))
//SYSTSPRT DD  SYSOUT=*,DCB=(BLKSIZE=19019,LRECL=133,RECFM=FBA)
//SYSPRINT DD  SYSOUT=*,DCB=(BLKSIZE=20000,LRECL=200,RECFM=FBA)
//ISPLOG   DD  SYSOUT=*,DCB=(BLKSIZE=129,LRECL=125,RECFM=VA)
//SYSOUT   DD  SYSOUT=*
//TEMPWK01 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//TEMPWK02 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//SORTWK01 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//MNMONLIB DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//MNTMPLIB DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE),
//             DCB=(RECFM=FB,LRECL=380,BLKSIZE=23180)
//AAREPORT DD  SYSOUT=*,
//             DCB=(RECFM=FBA,LRECL=133)
//*
//AACTLCDS DD  *
REPORT=APF,PER(YES)
//*
//SYSTSIN  DD  *
ISPSTART PGM(MNMONBTC)
//*
```

JCL DD Statements

Below is a brief explanation of the JCL DD statements and what they must reference:

SYSPROC Must reference the SSA CLIST library

ISPPLIB Must reference the SSA Panel library

ISPSLIB Must reference the SSA Skeleton library

ISPMLIB Must reference the ISPF system message library and the SSA ISPF message library

ISPTLIB Must reference the ISPF table library

AADBTLIB Must reference the SSA RACF information table library

STEPLIB Must reference the SSA APF authorized load library

AACMDOUT This DD must reference an output dataset with the following DCBs: `RECFM=FB,LRECL=133,DSORG=PS`

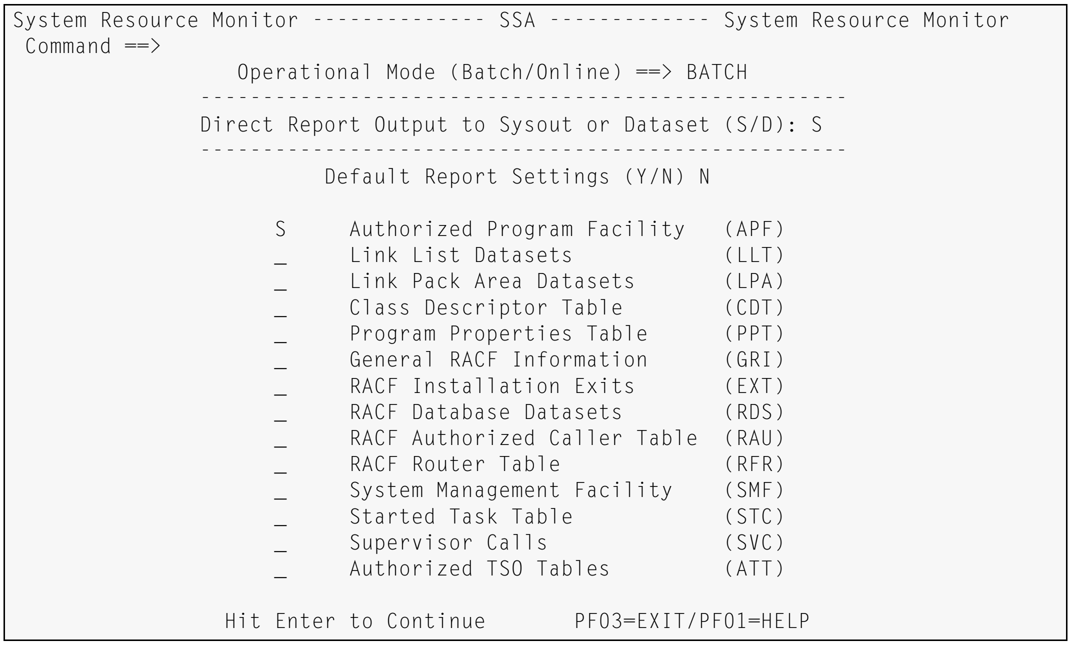
SYSTIN This DD is where the start command for activation system resource monitor reporting are entered

AACTLCDS The DD AACTLCDS references control cards that specify the data shown in the report. The control cards must start in column 1. Also, if no control cards are entered, the APF report is activated as a default.

Refer to “System Resource Monitor Overrides” on page 364 for a list of control cards that can override each report’s default values.

System Resource Monitor Menu

This menu allows you to select system resource monitor reports and the options used to create these reports.



```
System Resource Monitor ------------- SSA ------------ System Resource Monitor
 Command ==>
                  Operational Mode (Batch/Online) ==> BATCH
               ----------------------------------------------------
               Direct Report Output to Sysout or Dataset (S/D): S
               ----------------------------------------------------
                         Default Report Settings (Y/N) N

                     S     Authorized Program Facility   (APF)
                     _     Link List Datasets            (LLT)
                     _     Link Pack Area Datasets       (LPA)
                     _     Class Descriptor Table        (CDT)
                     _     Program Properties Table      (PPT)
                     _     General RACF Information      (GRI)
                     _     RACF Installation Exits       (EXT)
                     _     RACF Database Datasets        (RDS)
                     _     RACF Authorized Caller Table  (RAU)
                     _     RACF Router Table             (RFR)
                     _     System Management Facility    (SMF)
                     _     Started Task Table            (STC)
                     _     Supervisor Calls              (SVC)
                     _     Authorized TSO Tables         (ATT)

                 Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

Reports and Options

Default Report Settings

Indicate if you want to use the default settings for all reports you create. If you indicate “N”, you are prompted with the override choices for each report. “Y” is the default.

Authorized Program Facility (APF)

Indicate if you want to run a report on the APF authorized libraries in your system. This report lists datasets that contain programs requiring authorization because they issue privileged instructions or restricted Sifts. As a result, these programs can bypass system security and integrity mechanisms.

Link List Table (LLT)

Indicate if you want to run a report on the LLT libraries in your system. This is a list of datasets concatenated to SYS1.LINKLIB - allows easy access to programs and system services that are used frequently - a directory list of all programs in these datasets is created at initialization.

Link Pack Area Table (LPA)

Indicate if you want to run a report on the LPA libraries in your system. This is a list of datasets concatenated to SYS1.LPALIB containing program modules to be shared between address spaces, including many system routines (SVCs and access methods). These program modules are loaded into storage (Pageable Link Pack Area) during initialization.

Class Descriptor table (CDT)

Indicate if you want to create a report on the CDT entries in your system. This report lists information that directs processing of general resources. It contains one entry for each class, except USER, GROUP, and DATASET. Sources are IBM supplied (ICHRRCDX) and User supplied (ICHRRCDE).

PROGRAM PROPERTIES TABLE (PPT)

Indicate if you want to create a report on the PPT entries in your system. This report lists programs with special attributes (non-swapable, non-cancelable, or special storage keys). The programs must be APF-authorized for these to take effect.

General RACF Information (GRI)

Indicate if you want to create a report on General RACF settings usually obtained through SETROPTS list as they currently are in storage.

RACF Installation Exits (EXT)

Indicate if you want to run a report on the RACF installed exits for pre and post processing and other related functions.

RACF Database Datasets (RDS)

Indicate if you want to run a report on the RACF Database Datasets on your system.

RACF Authorized Caller Table (RAU)

Indicate if you want to run a report on the RACF Authorized Caller Table. This is a list of program modules that can execute a RACINIT SVC without NEWPASSWORD or execute a RACLIST SVC.

RACF Router Table (RFR)

Indicate if you want to run a report on the RACF Router Table. This is a list of entries that control the action taken by the RACF router (ICHRFR00) when invoked by the RACROUTE macro. Sources are IBM supplied: ICHRFR0X and User supplied: ICHRFR01.

System Management Facility (SMF)

Indicate if you want to run a report on the SMF libraries and setup in your system. This is a report on the MVS component that records audit-type records for system events as they occur.

Started Task Table (STC)

Indicate if you want to run a report on the Started Task Table. This is a list of entries that assigns userid/group and special attributes to procedures started from the operator console based on procedure name. Sources are IBM supplied: ICHRIN03 and the STARTED class in RACF.

Supervisor Call Table (SVC)

Indicate if you want to run a report on the SVC table in your system. This is a list of system and user routines that comprise many system services, such as OPEN, CLOSE, ABEND, etc.

Authorized TSO Tables (ATT)

Indicate if you want to run a report on the Authorized TSO table in your system. This is a list of commands/programs that can run authorized under TSO - list of commands/programs that can run authorized when called via the TSO services facility.

System Resource Monitor Overrides

Listed below are control cards/overrides that can be specified with the AACTLCDS DD statement of the JCL used to produce System Resource Monitor reports.

Authorized Program Facility (APF)

Include RACF Permissions

Indicate if you want to display all the permissions to the RACF profiles that protect APF authorized datasets.

Expand Group Permissions

Indicate if you want all group permissions to be expanded showing all users connected to that particular group.

Parameters

Main Card	=REPORT=APF
Permissions	=PER(YES) or PER(NO)
Expand Groups	=EGP

Sample REPORT=APF,PER(YES),EGP

Link List Datasets (LLT)

Include RACF Permissions

Indicate if you want to display all the permissions to the RACF profiles that are protecting the Link List datasets.

Expand Group Permissions

Indicate if you want all group permissions to be expanded showing all users connected to that particular group.

Parameters

Main Card	=REPORT=LLT
Permissions	=PER(YES) or PER(NO)
Expand Groups	=EGP

Sample REPORT=LLT,PER(YES),EGP

Link Pack Area Datasets (LPA)

Include RACF Permissions

Indicate if you want to display all the permissions to the RACF profiles that are protecting the Link Pack Area datasets.

Expand Group Permissions

Indicate if you want all group permissions to be expanded showing all users connected to that particular group.

Parameters

Main Card	=REPORT=LPA

	Permissions	=PER(YES) or PER(NO)
	Expand Groups	=EGP
Sample:	REPORT=LPA,PER(YES),EGP	

Class Descriptor Table (CDT)

Sort Choice Indicate how you want the report sorted.Sort choices are:

01 =	Report is sorted by Resource Class in Ascending order
02 =	Report is sorted by Posit Number in Ascending order.
03 =	Report is sorted by Posit Number in Ascending order and secondarily by Resource Class in Ascending order.

Report Style ChoiceIndicate the style of report you want to create. Report choices are:

01 =	The report consists of one line per entry in the Class Descriptor Table. Because of space limitations, only key information is included. Some fields are not included. (See the report sample in Appendix A).
02 =	The report consists of one entry per page with all the available information included in the report. Although this style can produce reports that are much larger than option one, it is recommended if you want all CDT fields shown in the report.

Parameters		
	Main Card	=REPORT=CDT
	Sort Choice	=SORT=01
	Report Choice	=REPORT=01
Sample	REPORT=CDT,SORT=01,REPORT=01	

Program Properties Table (PPT):

Parameters		
	Main Card	=REPORT=PPT
Sample	REPORT=PPT	

General RACF Information (GRI)

Parameters		
	Main Card	=REPORT=GRI
Sample	REPORT=GRI	

RACF Installation Exits (EXT)

Parameters

	- Main Card	=REPORT=EXT
Sample	REPORT=EXT	

RACF Database Datasets (RDS)

Include RACF Permissions

Indicate if you want to display all the permissions to the RACF profiles that are protecting the RACF Database datasets.

Expand Group Permissions

Indicate if you want all group permissions to be expanded showing all users connected to that particular group.

Parameters

	Main Card	=REPORT=RDS
	Permissions	=PER(YES) or PER(NO)
	Expand Groups	=EGP
Sample	REPORT=RDS,PER(YES),EGP	

RACF Authorized Caller Table (RAU)

Parameters

	Main Card	=REPORT=RAU
Sample	REPORT=RAU	

RACF Router Table (RFR)

Parameters

	Main Card	=REPORT=RFR
Sample	REPORT=RFR	

System Management Facility (SMF)

Include RACF Permissions

Indicate if you want to display all the permissions to the RACF profiles that are protecting the SMF datasets.

Expand Group Permissions

Indicate if you want all group permissions to be expanded showing all users connected to that particular group.

Parameters

Main Card	=REPORT=SMF
Permissions	=PER(YES) or PER(NO)
Expand Groups	=EGP

Sample REPORT=SMF,PER(YES),EGP

Started Task Table (STC)

Include RACF Information

Indicate if you want to include relevant RACF information concerning the users defined to the Started Task table.

Expand Group Entries

Indicate if you want all group related entries to be expanded showing all users connected to that particular group.

Parameters

Main Card	=REPORT=STC
Include RACF Info	=RAC(YES) or RAC(NO)
Expand Groups	=EGP

Sample REPORT=STC,RAC(YES),EGP

Supervisor Calls (SVC)

Parameters

Main Card	=REPORT=SVC

Sample REPORT=SVC

Authorized TSO Tables (ATT)

Parameters

Main Card	=REPORT=ATT

Sample REPORT=ATT

Chapter 9 CICS Direct Administration

With SSA Release 1.3, most RACF administration can now be done from CICS. CICS Direct Administration (referred to as SSA-CDA) allows users to do:

- Userid administration
- Group administration
- Connect administration
- Password administration
- Dataset administration
- Resource administration
- Dataset permit administration
- Resource permit administration
- Resource member administration
- User TSO segment administration
- User CICS segment administration
- Access simulator

It is also important to note the following operating pluses for using SSA-CDA

- All updates and inquires done by SSA-CDA are done live.
- SSA-CDA allows for the administration of remote systems, and uses the same security and look and feel as SSA-TDA.
- SSA-CDA allows a user to use the various features without having group or global SPECIAL.

SSA-CDA requires the following software releases to perform all of its documented functions:

RACF	Version 2.1 or greater
CICS	Version 3.3 or greater
MVS TCP/IP	Version 3.1 or greater

Please Note:If you do not meet these requirements or have a question concerning them, please call your SSA representative for clarification. It is quite possible that your current levels will allow SSA-CDA to perform all of its functions.

Note: CICS Direct Administration produces standard SMF Type 80 audit records.

CICS Direct Administration Global Conventions

Security

Security for CICS Direct Administration functions are protected on two levels.

- ‘Authority’ profile.

  This type of profile determines what profiles a user can affect. The table show below lists the format for a general ‘Authority’ profile, and the specific ‘Authority’ profile that protects global SPECIAL users.

Function	RACF Class	RACF Profile (Authority Profile)
Userid Administration	MAA$RULE	MEGASOLVE-SSA.$USER.<*default group*>
Group Administration	MAA$RULE	MEGASOLVE-SSA.$GROUP.<*superior group*>
Connect Administration	MAA$RULE	MEGASOLVE-SSA.$CONNECT.<*group*>
Password Administration	MAA$RULE	MEGASOLVE-SSA.$RESET.<*group*>
Dataset Administration	MAA$RULE	MEGASOLVE-SSA.$DATASET.<*hlq*>
Resource Administration	MAA$RULE	MEGASOLVE-SSA.$RESRCE.<*class*>
Dataset Permit Administration	MAA$RULE	MEGASOLVE-SSA.$DATASET.<*hlq*>
Resource Permit Administration	MAA$RULE	MEGASOLVE-SSA.$RESRCE.<*class*>
Resource Member Administration	MAA$RULE	MEGASOLVE-SSA.$RESRCE.<*class*>
User TSO Segment Administration	MAA$RULE	MEGASOLVE-SSA.$UTSO.<*default group*>
User CICS Segment Administration	MAA$RULE	MEGASOLVE-SSA.$UCICS.<*default group*>
Access Simulator	MAA$RULE	MEGASOLVE-SSA.ACCESS.SIMULATOR
Global Special User Protection	MAA$RULE	MEGASOLVE-SSA.$SPECIAL$

MEGASOLVE-SSA.$USER.<*default group*>

A Userid Administration user that has access to an ‘Authority’ profile can change any user that has that particular group as their default group. If you have generic processing turned on for the SSA security class, you can use generic characters in the <default group> to select a range of users.

MEGASOLVE-SSA.$GROUP.<superior group>
A Group Administration user that has access to an ‘Authority’ profile can change any group that has that particular group as their superior group. If you have generic processing turned on for the SSA security class, you can use generic characters in the <superior group> to cover a wide range of users.

MEGASOLVE-SSA.$RESET.<*group*>

A Password Administration user that has access to an ‘Authority’ profile can change any user that is connected to the <group> specified in the profile. If you have generic processing turned on for the SSA security class, you can use generic characters in the <group> to cover a wide range of users.

MEGASOLVE-SSA.$CONNECT.<*group*>

A Connect Administration user that has access to an ‘Authority’ profile can change any connection for the <group> specified in the profile. If you have generic processing turned on for the SSA security class, you can use generic characters in the <group> to cover a wide range of users.

MEGASOLVE-SSA.$DATASET.<*hlq*>

A Dataset Administration and Dataset Permit Administration user that has access to an ‘Authority’ profile can change any dataset profile that begins with the <hlq> specified in the profile. If you have generic processing turned on for the SSA security class, you can use generic characters in the <hlq> to cover a wide range of dataset profiles.

MEGASOLVE-SSA.$RESRCE.<*class*>

A Resource Administration, Resource Permit Administration, and Resource Member Administration user that has access to an ‘Authority’ profile can change resource profiles that begins with the <class> specified in the profile. If you have generic processing turned on for the SSA security class, you can use generic characters in the <class> to cover a wide range of resource profiles.

MEGASOLVE-SSA.$UTSO.<*default group*>

A User TSO Segment Administration user that has access to an ‘Authority’ profile can change any user’s TSO segment that has that particular group as their default group. If you have generic processing turned on for the SSA security class, you can use generic characters in the <default group> to cover a wide range of users.

MEGASOLVE-SSA.$UCICS.<*default group*>

A User CICS Segment Administration user that has access to an ‘Authority’ profile can change any user’s CICS segment that has that particular group as their default group. If you have generic processing turned on for the SSA security class, you can use generic characters in the <default group> to cover a wide range of users.

MEGASOLVE-SSA.ACCESS.SIMULATOR

This profile protects the access simulator which allows a user to interrogate RACF to determine a users or groups highest allowed access level to a particular resource. The Access Simulator will also determine what is the protecting profile of the resource.

MEGASOLVE-SSA.$*SPECIAL$*

This profile protects global SPECIAL users from any user that has any CICS Direct Administration function. In order to use a CICS Direct Administration function to affect a global SPECIAL user they must have access to an ‘Authority’ profile that protects the SPECIAL user and they also must have access to this profile. If you do not define this profile, then this check is bypassed for global SPECIAL users, and normal ‘Authority’ profile checking applies.

Please Note:It is highly recommended that you define this profile.   The profile should have a UACC(NONE) and no access list entries. This will protect global SPECIAL users from unauthorized attempts at being updated.

Example ‘Authority’ Profile Setup

The example below illustrates how to define an ‘Authority’ profile.

Scenario: You, the security administrator, want to allow the Payroll department manager to be able to add users, connect those users to payroll groups and do Password Administration for all of the users in the Payroll Department.

Known: The default group for the PAYROLL Department is PAYROLL. The userid for the Payroll department manager is MNGRPAY.

Profiles to build:

For Add User:	MEGASOLVE-SSA.$USER.PAYROLL
For Connect:	MEGASOLVE-SSA.$CONNECT.PAYROLL
For Password Administration:	MEGASOLVE-SSA.$RESET.PAYROLL

Command to issue:

```
RDEFINE GAA$RULE CDA-PAYROLL  -
   ADDMEM(MEGASOLVE-SSA.$USER.PAYROLL  -
       MEGASOLVE-SSA.$CONNECT.PAYROLL  -
       MEGASOLVE-SSA.$RESET.PAYROLL)  -
       OWNER(SYS1) UACC(NONE)
```

- Access level security

  The second type of security is the access level you have to the ‘Authority’ profile. Below is a separate table showing each function and what access levels are required to perform them.

Userid Administration Function	Userid Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List Userid	X	X	X	X
Add Userid	X	X	X	X
Add/Change Userid Name	X	X	X	X
Add/Change Owner	X	X	X	X
Add/Change Password	X	X	X	X
Add/Change Userid Installation Data			X	X
Delete Userid				X

Group Administration Function	Group Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List Group	X	X	X	X
Add Group	X	X	X	X
Add/Change Owner	X	X	X	X
Add/Change TERMUACC	X	X	X	X
Add/Change Group Installation Data			X	X
Delete Group				X

Connect Administration Function	Connect Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List All Connect Profiles	X	X	X	X
List Specific Connect Profile	X	X	X	X
Connect User to Group	X	X	X	X
Change Group UACC	X	X	X	X
Resume Connect	X	X	X	X
Revoke Connect	X	X	X	X
Set/Remove TERMUACC Attribute	X	X	X	X
Set/Remove Connect Resume Date		X	X	X
Set/Remove Connect Revoke Date		X	X	X
Remove User from Group		X	X	X
Change Group Authority			X	X
Set/Remove Connect Attributes (except TERMUACC)				X

Password Administration Function	Password Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List User	X	X	X	X
Set Password for User	X	X	X	X
Resume User	X	X	X	X
Revoke User	X	X	X	X
Set/Remove a Resume Date for a User		X	X	X
Set/Remove a Revoke Date for a User		X	X	X
Update Installation Data for a User			X	X
SuperRevoke User or Resume a SuperRevoked User				X

Dataset Administration Function	Dataset Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List Dataset profile	X	X	X	X
Add Dataset profile	X	X	X	X
Change Dataset profile	X	X	X	X
Update Installation Data for a Dataset Profile			X	X
Delete Dataset profile				X

Resource Administration Function	Resource Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List Resource profile	X	X	X	X
Add Resource profile	X	X	X	X
Change Resource profile	X	X	X	X
Update Installation and/or Application Data for a Resource Profile			X	X
Delete Resource profile				X

Dataset Permit Administration Function	Dataset Permit Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List Permit	X	X	X	X
Add Permit	X	X	X	X
Change Permit		X	X	X
Delete Permit		X	X	X

Resource Permit Administration Function	Resource Permit Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List Permit	X	X	X	X
Add Permit	X	X	X	X
Change Permit		X	X	X
Delete Permit		X	X	X

Resource Member Administration Function	Resource Member Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List Resource Member	X	X	X	X
Add Resource Member	X	X	X	X
Delete Resource Members		X	X	X

User TSO Segment Administration Function	User TSO Segment Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List Segment	X	X	X	X
Add Segment		X	X	X
Change Segment		X	X	X
Delete Segment				X

User CICS Segment Administration Function	User CICS Segment Administration ‘Authority’ Profile Access Level			
	READ	UPDATE	CONTROL	ALTER
List Segment	X	X	X	X
Add Segment		X	X	X
Change Segment		X	X	X
Delete Segment				X

Example Access Level Setup:

The example below illustrates how to set the access level for the ‘Authority’ profile.

Scenario: You, the security administrator, want to allow the Payroll department manager to be able to add users, connect those users to payroll groups and do Password Administration for all of the users in the Payroll Department.

Known: The default group for the PAYROLL Department is PAYROLL. The userid for the Payroll department manager is MNGRPAY.

Profiles protecting all Payroll Department users:

MEGASOLVE-SSA.$USER.PAYROLL

MEGASOLVE-SSA.$CONNECT.PAYROLL

MEGASOLVE-SSA.$RESET.PAYROLL

Access level needed:

CONTROL

Command to issue:

```
PERMIT CDA-PAYROLL -
  CLASS(GAA$RULE) ID(MNGRPAY) -
  ACCESS(CONTROL)
```

Note: It is important to remember that the authorities only relate to the RACF access the user has to the MAA$RULE class profiles. Just because a user can have GROUP SPECIAL, it does not mean this individual has the authority to use SSA-CDA to do RACF Administration.

Function Explanations

All SSA-CDA function explanation sections use the following sequence:

- Associated Screens and particular function examples and descriptions
- API Invocation

Application Programming Interface

CICS Direct Administration offers two distinct ways of doing RACF administrative tasks:

- through the SSA-CDA transaction interface
- through the SSA-CDA application programming interface.

The SSA-CDA API allows a company to incorporate RACF administrative tasks into their CICS applications. The CDA API uses the same security rules and communication means as the CDA transactions. This permits programmers to create their own front-ends, or incorporate RACF processing into the application of their choice. The invoker of the API does not run authorized, does not need to know RACF command syntax, or the rules concerning fields. The contents and the API can be used for cross platform administration See “ Cross Platform Administration” on page 506.

Invoking the API

To invoke the API, the CICS program must call the SSA-CDA client program AAZCLNT with a COMMAREA. The COMMAREA consists of a header section used by all function types being requested and the actual parameters or data for that request. The COMMAREA must always be 32760 in length regardless of the function being used. Below is an example of the EXEC CICS call to the CDA API client program:

API Call Example

```
EXEC CICS LINK PROGRAM(‘AAZCLNT’)
COMMAREA(COMMAREA) LENGTH(HALF)
```

Note: The constant HALF is defined as:

```
HALFDC    H’32760’
```

API Header

The API header section has the following fields:

Field Label	Length	Explanation	Required on Invocation?
CMSG	0CL80	Error message from API client program. This area is broken down into the 4 character transaction code field CTRAN and FILLER.	NO
CTRAN	4	Transaction Code (SAPW, etc.) used to look up entries in the AATCPIP table which is used to indicate what IP and PORT address to direct the request to.	NO, unless you are doing cross platform administration. See Cross Platform Administration for further explanation.
FILLER	76	Filler	NO
CTASK	12	Code indicating what function you are invoking. The following codes are valid: ADDUSER - Userid Administration ADDGROUP - Group Administration CONNECT - Connect Administration PSWADMIN - Password Administration ADDDATASET - Dataset Administration ADDRESOURCE - Resource Administration DSNPERMIT - Dataset Permit Administration RSCPERMIT - Resource Permit Administration RSCMEMBER - Resource Member Administration USERTSO - User TSO Segment Administration USERCICS - User CICS Segment Administration AUTHCHK - Access Simulator	YES. You must indicate what function you are requesting. This area on return can contain an error message.
CADMINAID	8	Userid to be used for verifying authority to do the function requested.	NO, unless you are doing cross platform administration. See Cross Platform Administration for further explanation.

CADMPW	8	Password to be used for verifying the userid requesting the function.	NO, unless you are doing cross platform administration. See Cross Platform Administration for further explanation.
CADMNEW	8	New Password that can be used if the requester's password expired or they wish to change it.	NO. See Cross Platform Administration for further explanation
RSTCODE	3	Decimal Error Code. See the API Error Code table.	NO. The API client program AAZCLNT fills in this code. See the API Error Code table for a complete listing.
CREQTYPE	1	Determined access level of request	NO, the API client program AAZCLNT will automatically fill this in.

API Header Example

The following Assembler layout sample can be found in member APIHEADR of the SSA version 1.3 install library:

```
CMSG        DS    0CL80      ERROR MESSAGE FROM CLIENT
CTRAN       DS    CL4        TRANSACTION CODE *THAT ROUTES *
                             REQUEST TO DESIGNATED IP AND *PORT
                             ADDRESS
*           DS    CL76       FILLER
CTASK       DS    CL12       FUNCTION REQUESTED
*                            - ADDUSER - USERID ADMIN
*                            - ADDGROUP - GROUP ADMIN
*                            - CONNECT - CONNECT ADMIN
*                            - PSWADMIN - PASSWORD ADMIN
*                            - ADDDATASET – DATASET ADM.
*                            - ADDRESOURCE – RESOURCE
*                            - DSNPERMIT – DATASET PERM.
*                            - RSCPERMIT – RESOURCE PERM
*                            - RSCMEMBER – RESOURCE MEMB
*                            - USERTSO – USER TSO SEG.
*                            - USERCICS – USER CICS SEG.
*                            - AUTHCHK – ACCESS SIMULATE
*                            ** THIS AREA ON RETURN MAY
*                            ** CONTAIN AN ERROR MESSAGE
CADMINID    DS    CL8        USERID TO BE USED FOR
*                            VERIFYING AUTHORITY TO DO
*                            THE FUNCTION REQUESTED
*                            ** THIS IS ONLY REQUIRED FOR
*                            ** CROSS PLATFORM ADMIN
CADMPW      DS    CL8        PASSWORD TO BE USED FOR
*                            VERIFYING THE USERID
*                            REQUESTING THE FUNCTION
*                            ** THIS IS ONLY REQUIRED FOR
*                            ** CROSS PLATFORM ADMIN
CADMNEW     DS    CL8        NEW PASSWORD THAT CAN BE USED
*                            IF THE REQUESTER’S PASSWORD
*                            EXPIRED OR THEY WISH TO
*                            CHANGE IT.
*                            ** THIS IS ONLY REQUIRED FOR
*                            ** CROSS PLATFORM ADMIN AND
*                            ** IF THE USER WANTS TO
*                            ** CHANGE THEIR PASSWORD
RSTCODE     DS    CL3        DECIMAL RETURN CODE
CREQTYPE    DS    CL1        DETERMINED ACCESS LEVEL OF
*                            REQUEST
```

General API Errors:

When an error occurs utilizing the SSA-CDA API client program AAZCLNT the invoking program must perform the following sequence of error checking to insure that the error is interpreted correctly:

The invoking program must check the CTASK field. Initially this field is filled in by the invoking program determining what function is to be performed. Upon return, this field can contain an error indicator. Below are the possible error indicators and the message(s) that would be placed in the CMSG field:

CTASK Message Indicator	Message	Explanation
ADDUSER	None	Invoking program requested Userid Administration function and no errors were detected in the invocation. Invoking program should now check the RSTCODE field for errors on the request itself.
ADDGROUP	None	Invoking program requested Group Administration function and no errors were detected in the invocation. Invoking program should now check the RSTCODE field for errors on the request itself.
CONNECT	None	Invoking program requested Connect Administration function and no errors were detected in the invocation. Invoking program should now check the RSTCODE field for errors on the request itself.
PSWADMIN	None	Invoking program requested Password Administration function and no errors were detected in the invocation. Invoking program should now check the RSTCODE field for errors on the request itself.
ADDDATASET	None	Invoking program requested Dataset Administration function and no errors were detected in the invocation. Invoking program should now check the RSTCODE field for errors on the request itself.
ADDRESOURCE	None	Invoking program requested Resource Administration function and no errors were detected in the invocation. Invoking program should now check the RSTCODE field for errors on the request itself.
DSNPERMIT	None	Invoking program requested Dataset Permit Administration function and no errors were detected in the invocation. Invoking program should now check the RSTCODE field for errors on the request itself.

RSCPERMIT	None	Invoking program requested Resource Permit Administration function and no errors were detected in the invocation. Invoking program should now check the RSTCODE field for errors on the request itself.
RSCMEMBER	None	Invoking program requested Resource Member Administration function and no errors were detected in the invocation. Invoking program should now check the RSTCODE field for errors on the request itself.
USERTSO	None	Invoking program requested User TSO Segment Administration function and no errors were detected in the invocation. Invoking program should now check the RSTCODE field for errors on the request itself.
USERCICS	None	Invoking program requested User CICS Segment Administration function and no errors were detected in the invocation. Invoking program should now check the RSTCODE field for errors on the request itself.
AUTHCHK	None	Invoking program requested Access Simulator function and no errors were detected in the invocation. Invoking program should now check the RSTCODE field for errors on the request itself.
TCPIP ERROR	COMMAREA error length is not correct	Invoking program specified an incorrect length on the COMMAREA. The length must always be 32760.
TCPIP ERROR	Client not authorized to get your userid	The client program retrieves and uses the userid currently invoking the program but was unable to do so. Contact your SSA representative for assistance.

TCPIP ERROR	CSKE required to activate the API	SSA-CDA uses CICS Sockets. The CICS Sockets API is not activated. The default transaction to activate the CICS Sockets API is CSKE. Contact your CICS systems programmer for assistance in activating the CICS Sockets API. Details on this can be found in the CICS TCP/IP Socket Interface Guide.
TCPIP ERROR	INITAPI function failed	The SSA-CDA client program was unable to initialize the CICS Sockets API. Check your settings in the AATCPIP configuration module. See details in the Cross Platform part of this section.
TCPIP ERROR	Cannot get this host’s IP address	The SSA-CDA client program was unable to obtain or reference the correct IP address for the TCP/IP started task servicing its current system.
TCPIP ERROR	SOCKET function failed (*nnn*)	A SOCKET request failed (*nnn* = return code from TCP/IP function that failed). Check that the AATCPIP configuration module settings are correct and that the destination started task is active and operating properly. Contact your SSA representative if you require assistance.
TCPIP ERROR	CONNECT function failed (*nnn*)	A CONNECT request failed (*nnn* = return code from TCP/IP function that failed). Check that the AATCPIP configuration module settings are correct and that the destination started task is active and operating properly. Contact your SSA representative if you require assistance.
TCPIP ERROR	SEND function failed (*nnn*)	A SEND request failed (*nnn* = return code from TCP/IP function that failed). Check that the AATCPIP configuration module settings are correct and that the destination started task is active and operating properly. Contact your SSA representative if you require assistance.

TCPIP ERROR	RECV function failed (*nnn*)	A RECV request failed (*nnn* = return code from TCP/IP function that failed). Check that the AATCPIP configuration module settings are correct and that the destination started task is active and operating properly. Contact your SSA representative if you require assistance.
TCPIP ERROR	CLOSE function failed (*nnn*)	A CLOSE request failed (*nnn* = return code from TCP/IP function that failed). Check that the AATCPIP configuration module settings are correct and that the destination started task is active and operating properly. Contact your SSA representative if you require assistance.
NEED IDENT	None	The value in the CTRAN field or the name of the invoking transaction referenced an AATCPIP site configuration that was not the local system. Thus, the invoking program must supply a RACF userid and password that is valid on the remote system where the request is being routed. See “ Cross Platform Administration” on page 506 for further explanation.
IDENT ERROR	None, however, the RSTCODE field is set to one of the following values: 904 - User Unknown 908 - Password Invalid 912 - Password Expired 916 - New Password Not Valid 920 - User Not Defined to Group 924 - Failed By Installation Exit 928 - User Is Revoked 932 - User Group Access Is Revoked 936 - Set as Invalid Userid 940 - Set as Invalid Password	The value in the CTRAN field or the name of the invoking transaction referenced an AATCPIP site configuration that was not the local system. An error was encountered using the userid and password supplied for the request being sent to the remote system.

PARM ERROR	Invalid value in CTASK parameter	An invalid request type was entered in the CTASK field. CTASK must contain either ADDUSER, ADDGROUP, CONNECT, PSWADMIN, ADDDATASET, ADDRESOURCE, DSNPERMIT, RSCPERMIT, RSCMEMBER, USERTSO, USERCICS, or AUTHCHK

If the CTASK field is not set to an error message (i.e. “IDENT ERROR”, “TCPIP ERROR”, etc.), then the invoking program must check the return code (RSTCODE field) to determine the status of the request. Below are tables detailing the function specific return codes possible.

Userid Administration Specific Errors:

The following table details the errors and messages specific to the Userid Administration function being requested.

CTASK Message Indicator	Message	Explanation
ADDUSER Please Note: This is the original CTASK value. This field will contain either an error or be blank upon return. If it is blank you must check the RSTCODE field.	None, however, the RSTCODE field will be set to one of the following values: 000 - Add user performed as requested 004 - Userid already exists 008 - Not authorized 012 - Database update error 016 - Resource not protected by RACF 020 - AACMD003 is not authorized 024 - RACROUTE error extracting user data 028 - Not authorized for install update 032 - Not authorized for segments 036 - Invalid default group 040 - List user performed as requested 044 - Default Group = SuperRevoke 048 - Owner invalid 052 - Userid doesn't exist 056 - Userid already exists as group 060 - RC>8 - authority check 064 - Invalid parm - authority check 068 - Unable to verify userid - authority check 072 - Userid revoked - authority check 076 - User not authorized for delete 080 - User change complete 084 - AACMD003 is not authorized 088 - Dataset profiles exist for this user 092 - Userid deleted as requested 096 - Default group invalid for change 100 - Invalid userid 104 - Invalid owner 108 - Invalid password 112 - Invalid default group 116 - Not authorized for SPECIAL	The SSA-CDA Userid Administration API call was filled in properly, and the RSTCODE contains the result of the request being processed.
PARM ERROR	Message content in field CMSG could be one of the following: •Default Group is Required for Add •Request not 'A', 'C', 'L', or 'D' •There Were No Fields to Change •Userid must be specified •Password Entered Contains Invalid Characters •Group Entered Contains Invalid Characters •Owner Entered Contains Invalid Characters •Userid Entered Contains Invalid Characters	The SSA-CDA Userid Administration API call was not filled in properly. Syntax errors must be corrected before invoking the API again.

Group Administration Specific Errors:

The following table details the errors and messages specific to the Group Administration function being requested.

CTASK Message Indicator	Message	Explanation
ADDGROUP Please Note: This is the original CTASK value. This field will contain either an error or be blank upon return. If it is blank you must check the RSTCODE field	None, however, the RSTCODE field will be set to one of the following values: 000 - Add group performed as requested 004 - Group already exists as a user 008 - Not authorized 012 - Database update error 016 - Resource not protected by RACF 020 - AACMD004 is not authorized 024 - RACROUTE error extracting group data 028 - Not authorized for install update 032 - Not authorized for segments 036 - Invalid superior group 040 - List group ok 044 - Superior Group = SuperRevoke 048 - Owner invalid 052 - Group doesn't exist 056 - Group already exists as group 060 - RC>8 - authority check 064 - Invalid parm - authority check 068 - Unable to verify userid - authority check 072 - Userid revoked - authority check 076 - Not authorized for delete 080 - Group change complete 084 - AACMD004 not authorized 088 - Dataset profiles exist for this group 092 - Users exist for this group 096 - Group deleted 100 - Subgroups exist for this group 104 - Supgroup invalid for change 108 - Invalid group 112 - Invalid supgroup 116 - Invalid owner	The SSA-CDA Group Administration API call was filled in properly, and the RSTCODE contains the result of the request being processed.
PARM ERROR	Message content in field CMSG could be one of the following: •Request not 'A', 'C', 'L', or 'D'.' •There Were No Fields to Change •Group and Superior Group required for add •You must enter a Group to be Processed •TERMUACC Setting must be 'Y','N', or blank •Group Entered Contains Invalid Characters •Owner Entered Contains Invalid Characters •Superior Group Entered Contains Invalid Characters	The SSA-CDA Group Administration API call was not filled in properly. Syntax errors must be corrected before invoking the API again.

Connect Administration Specific Errors:

The following table details the errors and messages specific to the Connect Administration function being requested.

CTASK Message Indicator	Message	Explanation
CONNECT Please Note: This is the original CTASK value. This field will contain either an error or be blank upon return. If it is blank you must check the RSTCODE field	None, however, the RSTCODE field will be set to one of the following values: 000 - Connect or Remove performed as requested 004 - Unable to verify userid 008 - Not authorized to list user 012 - Resume/Revoke/Reset error 016 - List of specific group ok 020 - Resource not protected by RACF 024 - AACMD002 is not authorized 028 - Not authorized for special 032 - Not authorized for super-revoke 036 - Resume/Revoke date less than today 040 - RACROUTE error extracting user data 044 - Connect group is invalid 048 - Not authorized for attributes 052 - Not authorized for authority 056 - Not authorized for revoke/resume dates 060 - Not authorized for remove 064 - User not connected to remove group 068 - No GETMAIN address for list 072 - Not authorized to list this group 076 - Attempt to remove default group 080 - Not authorized to list any connect group 084 - List-of-groups ok 088 - User not connected to this group 092 - Resume date/Revoke date invalid 096 - Unsupported date 100 - RC>8 - Authority check 104 -Invalid parm - Authority check 108 - Unable to verify userid - Authority check 112 - Userid revoked - Authority check	The SSA-CDA Connect Administration API call was filled in properly, and the RSTCODE contains the result of the request being processed.

PARM ERROR	Message content in field CMSG could be one of the following: •Userid must be specified' •Request not 'L', 'S', 'C', or 'R' •Connect group must be specified •Resume date must look like YYYY-MM-DD •Revoke date must look like YYYY-MM-DD' •Resume field must be ‘Y’ or ‘N’ •Revoke field must be ‘Y’ or ‘N’ •Resume and revoke cannot both be '’Y’ •ADSP field must be ‘Y’ or ‘N’ •Audit field must be ‘Y’ or ‘N’ •GRPACC field must be ‘Y’ or ‘N’ •SPEC field must be ‘Y’ or ‘N’ •OPER field must be ‘Y’ or ‘N’ •TRMUACC field must be ‘Y’ or ‘N’ •Group UACC field is invalid •Group AUTH field is invalid	The SSA-CDA Connect Administration API call was not filled in properly. Syntax errors must be corrected before invoking the API again.

Password Administration Specific Errors:

The following table details the errors and messages specific to the Password Administration function being requested.

CTASK Message Indicator	Message	Explanation
PSWADMIN Please Note: This is the original CTASK value. This field will contain either an error or be blank upon return. If it is blank you must check the RSTCODE field	None, however, the RSTCODE field will be set to one of the following values: 000 - Reset performed as requested 004 - Unable to verify userid 008 - Not authorized to list user 012 - Resume/Revoke/Reset error 016 - List userid performed as requested 020 - Resource not protected by RACF 024 - AACMD001 is not authorized 028 - Not authorized for userid with global special 032 - Not authorized for Super-Revoke 036 - Resume/Revoke date less than today 040 - RACROUTE error extracting user data 044 - Super-Revoke group is invalid 048 - Not authorized for install update 052 - Not authorized for revoke/resume dates 056 - Invalid default group 060 - Revoke date ignored 064 - Resume/Revoke date invalid 068 - Reserved for future use 072 - RACROUTE error 076 - Invalid parm - auth check 080 - Unable to verify userid 084 - Userid revoked	The SSA-CDA Password Administration API call was filled in properly, and the RSTCODE contains the result of the request being processed.

PARM ERROR	Message content in field CMSG could be one of the following: •Userid must be specified •Resume date must look like YYYY-MM-DD •Revoke date must look like YYYY-MM-DD •Resume field must be ‘Y’ or blank' •Revoke field must be ‘Y’ or blank' •Resume and revoke cannot both be ‘Y’ •Super-Revoke must be 'Y' or blank •Password contains invalid characters	The SSA-CDA Password Administration API call was not filled in properly. Syntax errors must be corrected before invoking the API again.

Dataset Administration Specific Errors:

The following table details the errors and messages specific to the Dataset Administration function being requested.

Please Note:Dataset Administration does not support Discrete RACF Dataset Profiles.

CTASK Message Indicator	Message	Explanation
ADDDATASET Please Note: This is the original CTASK value. This field will contain either an error or be blank upon return. If it is blank you must check the RSTCODE field	None, however, the RSTCODE field will be set to one of the following values: 000 - Add dataset profile performed as requested 004 – Dataset profile already exists 008 - Not authorized 012 – Database update error 016 – Dataset not protected by RACF 020 – AACMD005 is not authorized 024 – RACROUTE error extracting Dataset data 028 - Not authorized for installation data 032 - Not authorized for permit/member data 036 - List dataset profile performed as requested 040 - Owner is invalid 044 - Dataset profile does not exist 048 - RACROUTE error - auth check 052 - Invalid Parm - auth check 056 - Unable to verify userid 060 - Userid revoked 064 - Not authorized for DELETE 068 - Change dataset profile performed as requested 072 - Delete dataset profile performed as requested 076 - Invalid dataset profile 080 - Invalid dataset profile - only 1 qualifier 084 - Invalid Owner 088 - Invalid Notify	The SSA-CDA Dataset Administration API call was filled in properly, and the RSTCODE contains the result of the request being processed.

PARM ERROR	Message content in field CMSG could be one of the following: •Request not ‘A’, ‘C’, ‘L’, or ‘D’ •You must enter a dataset profile •Invalid dataset profile •Warn must be ‘Y’, ‘N’, or blank •Invalid level number •UACC must be ‘LIST’, ‘NONE’, ‘EXECUTE’, ‘READ’, ‘UPDATE’, ‘CONTROL’, or ‘ALTER’ •Failure level must be ‘NONE’, ‘READ’, ‘UPDATE’, ‘CONTROL’, or ‘ALTER’ •Success level must be ‘NONE’, ‘READ’, ‘UPDATE’, ‘CONTROL’, or ‘ALTER’ •Local audit must be ‘ALL’, ‘SUCCESS’, ‘FAIL’, or ‘NONE’ •At least one field must be entered for dataset profile change	The SSA-CDA Dataset Administration API call was not filled in properly. Syntax errors must be corrected before invoking the API again.

Resource Administration Specific Errors:

The following table details the errors and messages specific to the Resource Administration function being requested.

CTASK Message Indicator	Message	Explanation
ADDRESOURCE Please Note: This is the original CTASK value. This field will contain either an error or be blank upon return. If it is blank you must check the RSTCODE field	None, however, the RSTCODE field will be set to one of the following values: 000 - Add resource profile performed as requested 004 - Resource profile already exists 008 - Not authorized 012 - Database update error 016 - Resource not protected by RACF 020 - AACMD006 is not authorized 024 - RACROUTE error extracting resource data 028 - Not authorized for installation data 032 - Not authorized for permit/member data 036 - Invalid Class 040 - List resource profile performed as requested 044 - Owner is invalid 048 - Resource profile does not exist 052 - RACROUTE error - auth check 056 - Invalid Parm - auth check 060 - Unable to verify userid 064 - Userid revoked 068 - Not authorized for DELETE 072 - Change resource profile performed as requested 076 - Delete resource profile performed as requested 080 - Profile cannot be defined due to CDT restrictions 084 - Profile too long for class 088 - Notify is invalid	The SSA-CDA Resource Administration API call was filled in properly, and the RSTCODE contains the result of the request being processed.

PARM ERROR	Message content in field CMSG could be one of the following: •Request not ‘A’, ‘C’, ‘L’, or ‘D’ •You must enter a resource profile •You must enter a resource class •Warn must be ‘Y’, ‘N’, or blank •Invalid level number •UACC must be ‘LIST’, ‘NONE’, ‘EXECUTE’, ‘READ’, ‘UPDATE’, ‘CONTROL’, or ‘ALTER’ •Failure level must be ‘NONE’, ‘READ’, ‘UPDATE’, ‘CONTROL’, or ‘ALTER’ •Success level must be ‘NONE’, ‘READ’, ‘UPDATE’, ‘CONTROL’, or ‘ALTER’ •Local audit must be ‘ALL’, ‘SUCCESS’, ‘FAIL’, or ‘NONE’ •At least one field must be entered for resource profile change	The SSA-CDA Resource Administration API call was not filled in properly. Syntax errors must be corrected before invoking the API again.

Dataset Permit Administration Specific Errors:

The following table details the errors and messages specific to the Dataset Permit Administration function being requested.

Please Note:Dataset Permit Administration does not support RACF Conditional Access Lists.

CTASK Message Indicator	Message	Explanation
DSNPERMIT Please Note: This is the original CTASK value. This field will contain either an error or be blank upon return. If it is blank you must check the RSTCODE field	None, however, the RSTCODE field will be set to one of the following values: 000 - Add permit performed as requested 004 - Change permit performed as requested 008 - Delete permit performed as requested 012 - List permit performed as requested 016 - Reserved 020 - Unable to verify Userid/Group 024 - Resource not protected 028 - AACMD007 is not authorized 032 - RACROUTE error 036 - Not authorized for change/delete 040 - No GETMAIN address for list 044 - Not authorized to add/list permits 048 - RACROUTE error - auth check 052 - Invalid Parm - auth check 056 - Unable to verify userid 060 - Userid revoked 064 - Dataset does not exist 068 - Nothing to list 072 - Permit exists for add 076 - Permit does not exist for change/delete	The SSA-CDA Dataset Permit Administration API call was filled in properly, and the RSTCODE contains the result of the request being processed.
PARM ERROR	Message content in field CMSG could be one of the following: •Request not ‘A’, ‘C’, ‘L’, or ‘D’ •Dataset profile must be specified •Access Level must be ‘NONE’, ‘EXECUTE’, ‘READ’, ‘UPDATE’, ‘CONTROL’, ‘ALTER’, or blank •Access Entry and Level must be specified for add/change	The SSA-CDA Dataset Permit Administration API call was not filled in properly. Syntax errors must be corrected before invoking the API again.

Resource Permit Administration Specific Errors:

The following table details the errors and messages specific to the Resource Permit Administration function being requested.

Note: Resource Permit Administration does not support RACF Conditional Access Lists.

CTASK Message Indicator	Message	Explanation
RSCPERMIT Please Note: This is the original CTASK value. This field will contain either an error or be blank upon return. If it is blank you must check the RSTCODE field	None, however, the RSTCODE field will be set to one of the following values: 000 - Add permit performed as requested 004 - Change permit performed as requested 008 - Delete permit performed as requested 012 - List permit performed as requested 016 - Specified class is invalid 020 - Unable to verify Userid/Group 024 - Resource not protected 028 - AACMD015 is not authorized 032 - RACROUTE error 036 - Not authorized for change/delete 040 - No GETMAIN address for list 044 - Not authorized to add/list permits 048 - RACROUTE error - auth check 052 - Invalid Parm - auth check 056 - Unable to verify userid 060 - Userid revoked 064 - Dataset does not exist 068 - Nothing to list 072 - Permit exists for add 076 - Permit does not exist for change/delete	The SSA-CDA Resource Permit Administration API call was filled in properly, and the RSTCODE contains the result of the request being processed.
PARM ERROR	Message content in field CMSG could be one of the following: •Request not ‘A’, ‘C’, ‘L’, or ‘D’ •Resource profile must be specified •Resource Class must be specified •Access Level must be ‘NONE’, ‘EXECUTE’, ‘READ’, ‘UPDATE’, ‘CONTROL’, ‘ALTER’, or blank •Access Entry and Level must be specified for add/change	The SSA-CDA Resource Permit Administration API call was not filled in properly. Syntax errors must be corrected before invoking the API again.

Resource Member Administration Specific Errors:

The following table details the errors and messages specific to the Resource Member Administration function being requested.

CTASK Message Indicator	Message	Explanation
RSCMEMBER Please Note: This is the original CTASK value. This field will contain either an error or be blank upon return. If it is blank you must check the RSTCODE field	None, however, the RSTCODE field will be set to one of the following values: 000 - Add member performed as requested 004 - Member exists for add 008 - Delete member performed as requested 012 - List member performed as requested 016 - Specified class is invalid 020 - Member does not exist for delete 024 - Resource not protected 028 - AACMD014 is not authorized 032 - RACROUTE error 036 - Not authorized for delete 040 - No GETMAIN address for list 044 - Not authorized to add/list members 048 - RACROUTE error - auth check 052 - Invalid Parm - auth check 056 - Unable to verify userid 060 - Userid revoked 064 - Resource/Class does not exist 068 - Nothing to list 072 - Not a grouping class 076 - Profile too long	The SSA-CDA Resource Member Administration API call was filled in properly, and the RSTCODE contains the result of the request being processed.
PARM ERROR	Message content in field CMSG could be one of the following: •Request not ‘A’, ‘L’, or ‘D’ •Resource profile must be specified •Resource Class must be specified •Member must be specified for add/delete	The SSA-CDA Resource Member Administration API call was not filled in properly. Syntax errors must be corrected before invoking the API again.

User TSO Segment Administration Specific Errors:

The following table details the errors and messages specific to the TSO Segment Administration function being requested.

CTASK Message Indicator	Message	Explanation
USERTSO Please Note: This is the original CTASK value. This field will contain either an error or be blank upon return. If it is blank you must check the RSTCODE field	None, however, the RSTCODE field will be set to one of the following values: 000 - Add/change segment performed as requested 004 - Not authorized for read 008 - Database update error 012 - Resource not protected by RACF 016 - AACMD008 is not authorized 020 - RACROUTE error extracting user data 024 - Not authorized for update 028 - List segment performed as requested 032 - Userid does not exist 036 - RACROUTE error - auth check 040 - Invalid Parm - auth check 044 - Unable to verify userid 048 - Userid revoked 052 - Not authorized for delete 056 - Delete segment performed as requested 060 - Not authorized for SPECIAL 064 - DEST is invalid 068 – HOLDCLASS is invalid 072 - JOBCLASS is invalid 076 - PROC is invalid 080 - SIZE is invalid 084 - MSGCLASS is invalid 088 - MAXSIZE is invalid 092 – SYSOUTCLASS is invalid 096 - USERDATA is invalid 100 - UNIT is invalid 104 - SECLABEL is invalid 110 - COMMAND Keyword is invalid 112 - Segment does not exist	The SSA-CDA TSO Segment Administration API call was filled in properly, and the RSTCODE contains the result of the request being processed.

PARM ERROR	Message content in field CMSG could be one of the following: •Request not ‘A’, ‘L’, ‘C’, or ‘D’ •DESTINATION contains invalid characters •HOLDCLASS contains invalid characters •JOBCLASS contains invalid characters •PROC contains invalid characters •SIZE contains invalid characters •MSGCLASS contains invalid characters •MAXSIZE contains invalid characters •SYSOUTCLASS contains invalid characters •USERDATA contains invalid characters •UNIT contains invalid characters •SECLABEL contains invalid characters •At least one field must be entered for add/change	The SSA-CDA TSO Segment Administration API call was not filled in properly. Syntax errors must be corrected before invoking the API again.

User CICS Segment Administration Specific Errors:

The following table details the errors and messages specific to the CICS Segment Administration function being requested.

CTASK Message Indicator	Message	Explanation
USERCICS Please Note: This is the original CTASK value. This field will contain either an error or be blank upon return. If it is blank you must check the RSTCODE field	None, however, the RSTCODE field will be set to one of the following values: 000 - Add/change segment performed as requested 004 - Not authorized for read 008 - Database update error 012 - Resource not protected by RACF 016 - AACMD009 is not authorized 020 - RACROUTE error extracting user data 024 - Not authorized for update 028 - List segment performed as requested 032 - Userid does not exist 036 - RACROUTE error - auth check 040 - Invalid Parm - auth check 044 - Unable to verify userid 048 - Userid revoked 052 - Not authorized for delete 056 - Delete segment performed as requested 060 - Not authorized for SPECIAL 064 - OPPRTY is invalid 068 - TIMEOUT is invalid 072 - Segment does not exist 076 - Segment exists for add	The SSA-CDA CICS Segment Administration API call was filled in properly, and the RSTCODE contains the result of the request being processed.
PARM ERROR	Message content in field CMSG could be one of the following: •Request not ‘A’, ‘L’, ‘C’, or ‘D’ •Userid is required •OPCLASS fields must be ‘Y’, ‘N’, or blank •XRF Takeover Force must be ‘FORCE’ or ‘NOFORCE’ •Timeout must be HH:MM or blank •Minutes can not be greater than 60 •Minutes can not be greater than 59 •At least one field must be entered for add/change	The SSA-CDA CICS Segment Administration API call was not filled in properly. Syntax errors must be corrected before invoking the API again.

Access Simulator Specific Errors:

The following table details the errors and messages specific to the Access Simulator function being requested.

CTASK Message Indicator	Message	Explanation
AUTHCHK Please Note: This is the original CTASK value. This field will contain either an error or be blank upon return. If it is blank you must check the RSTCODE field	None, however, the RSTCODE field will be set to one of the following values: 000 - Authorization check performed as requested 004 - No profile found 008 - Access not allowed 012 - Severe RACROUTE error 016 - Invalid access 020 - Unable to verify userid/group 024 - Userid is revoked 028 - Profile is blank 032 - Class is blank	The SSA-CDA Access Simulator API call was filled in properly, and the RSTCODE contains the result of the request being processed.
PARM ERROR	Message content in field CMSG could be one of the following: •Userid or group must be specified •Resource must be specified •Userid/group/class must be specified •Class is not valid •Volume specified - Class must be DATASET	The SSA-CDA Access Simulator API call was not filled in properly. Syntax errors must be corrected before invoking the API again.

Samples supplied:

To facilitate usage of the SSA-CDA API program samples for API invocations and menus, maps and other jobs have been provided. Below is a list of the members in the SSA version 1.3 install library and a brief explanation of their content:

Install Library Member	Description
$ALMAPS	JCL to assemble CICS maps
$ALPGM	JCL to assemble a CICS program
$RDO	JCL for CICS resource definitions
AATCPIP	Sample TCPIP routing table
AAZAUT	Map definitions used by the AAZAUT01 Access Simulator program
AAZCON	Map definitions used by the AAZCON01 Connect Administration program
AAZDSA	Map definitions used by the AAZDSA01 Dataset Administration program
AAZDSP	Map definitions used by the AAZDSP01 Dataset Permit Administration program
AAZGRP	Map definitions used by the AAZGRP01 Group Administration program
AAZMBA	Map definitions used by the AAZMBA01 Resource Member Administration program
AAZMN	Map Definitions used by the AAZMN01 Standard Menu program
AAZMN01	Sample CICS Menu Program for remote processing.

AAZMNU	Map definitions used by the AAZMNU01 Sample Basic Menu program
AAZMNU01	Sample CICS Basic Menu Program
AAZPWA	Map definitions used by the AAZPWA01 Password Administration program
AAZPWS	Map definitions used by the AAZPWS01 Sample Basic Password Admin Program
AAZPWS01	Sample CICS Basic Password Administration program
AAZRSA	Map definitions used by the AAZRSA01 Resource Administration program
AAZRSP	Map definitions used by the AAZRSP01 Resource Permit Administration program
AAZUID	Map definitions used by the AAZUID01 Userid / Password Prompting program
AAZUSR	Map definitions used by the AAZUSR01 Userid Administration program
AAZUTC	Map definitions used by the AAZUTC01 CICS Segment Administration program
AAZUTP	Map definitions used by the AAZUTP01 TSO Segment Administration program
CPYAUT	Copylib statements for COMMAREA used by the Access Simulator program
CPYCON	Copylib statements for COMMAREA used by the Connect Administration program
CPYDSA	Copylib statements for COMMAREA used by the Dataset Administration program
CPYDSP	Copylib statements for COMMAREA used by the Dataset Permit Administration program
CPYGRP	Copylib statements for COMMAREA used by the Group Administration program
CPYMBA	Copylib statements for COMMAREA used by the Resource Member Administration
CPYPWA	Copylib statements for COMMAREA used by the Password Administration program
CPYRSA	Copylib statements for COMMAREA used by the Resource Administration program
CPYRSP	Copylib statements for COMMAREA used by the Resource Permit Administration program
CPYUSR	Copylib statements for COMMAREA used by the Userid Administration program
CPYUTC	Copylib statements for COMMAREA used by the CICS Segment Administration program
CPYUTP	Copylib statements for COMMAREA used by the TSO Segment Administration program
REGISTER	Copylib statements for register equates used by AAZPWS01

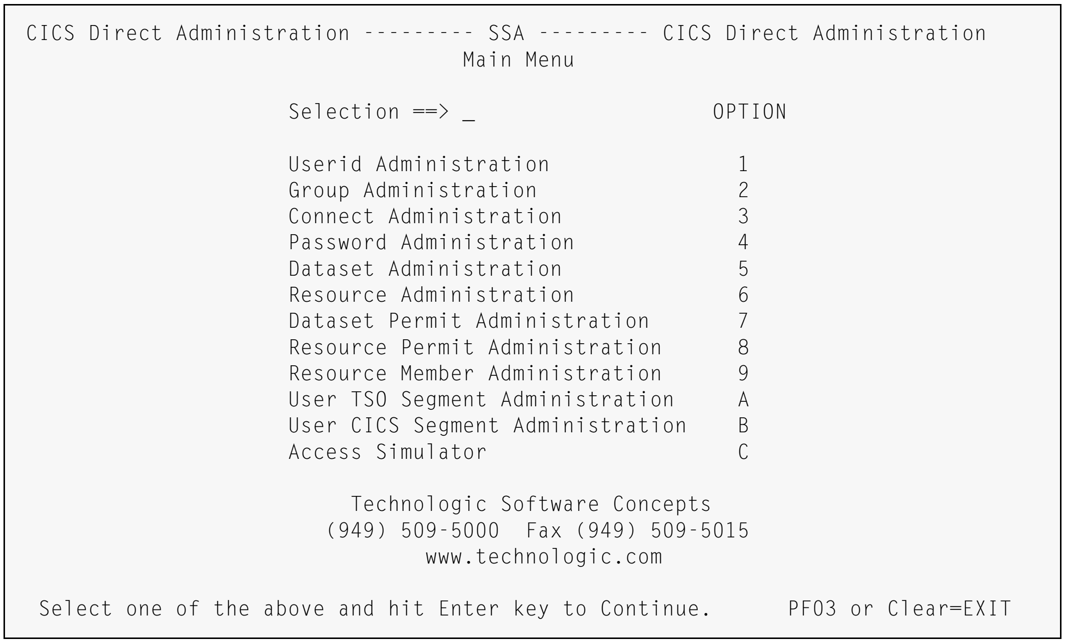
Note: All programmers wishing to use the SSA-CDA API should review the sample program AAZPWS01 to get a good understanding by example of what is required to properly invoke the SSA-CDA API.

RACLIST vs. Non-RACLIST Classes

Whenever a CICS Direct function is performed against any general resource class that has been RACLISTed in RACF, it is recommended that a SETROPTS RACLIST(classname) REFRESH RACF command be issued in order for any normal RACF command (i.e. RLIST, RALT, RDEL) to be processed successfully.

CICS DIRECT Administration Main Menu

CICS Direct Administration functions can be invoked from the SSA-CDA Main Menu. The Main Menu is accessible by executing transaction SAMN, which brings up the Main Menu.



```
CICS Direct Administration --------- SSA --------- CICS Direct Administration
                                   Main Menu

                      Selection ==> _                  OPTION

                      Userid Administration              1
                      Group Administration               2
                      Connect Administration             3
                      Password Administration            4
                      Dataset Administration             5
                      Resource Administration            6
                      Dataset Permit Administration      7
                      Resource Permit Administration     8
                      Resource Member Administration     9
                      User TSO Segment Administration    A
                      User CICS Segment Administration   B
                      Access Simulator                   C

                           Technologic Software Concepts
                         (949) 509-5000  Fax (949) 509-5015
                               www.technologic.com

 Select one of the above and hit Enter key to Continue.      PF03 or Clear=EXIT
```

It is important to note that the different functions can be invoked by executing their individual transactions as well as choosing them off the Main Menu. Below is a table showing the transactions and the programs they execute:

Transaction Table

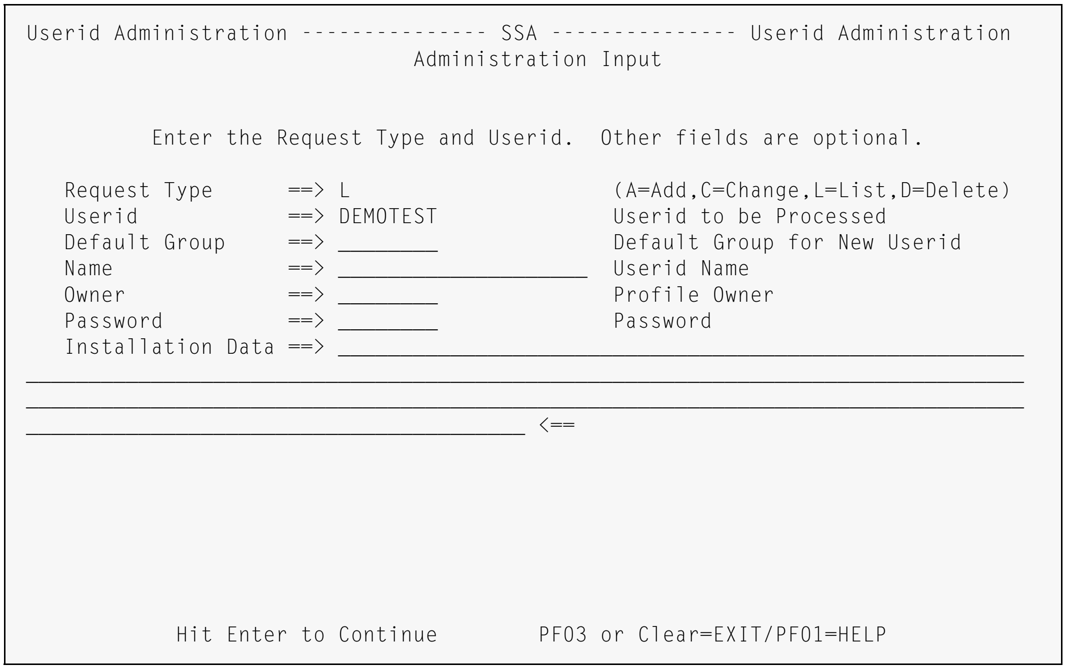
Function	Transaction	Program
Main Menu	SAMN	AAZMN01
Userid Administration	SAUR	AAZUSR01
Group Administration	SAGP	AAZGRP01
Connect Administration	SACN	AAZCON01
Password Administration	SAPW	AAZPWA01
Dataset Administration	SADS	AAZDSA01
Resource Administration	SARS	AAZRSA01
Dataset Permit Administration	SASP	AAZDSP01
Resource Permit Administration	SARP	AAZRSP01
Resource Member Administration	SAMA	AAZMBA01
TSO Segment Administration	SAUT	AAZUTP01
CICS Segment Administration	SAUC	AAZUTC01
Access Simulator	SAAU	AAZAUT01
Sample Menu for remote processing	SAMD	AAZMNU01
Sample Password Administration API call	SAPR	AAZPWS01

USERID Administration Screens

Perform List User

Perform the following steps to issue the equivalency of a RACF List User command (i.e., LU DEMOTEST):

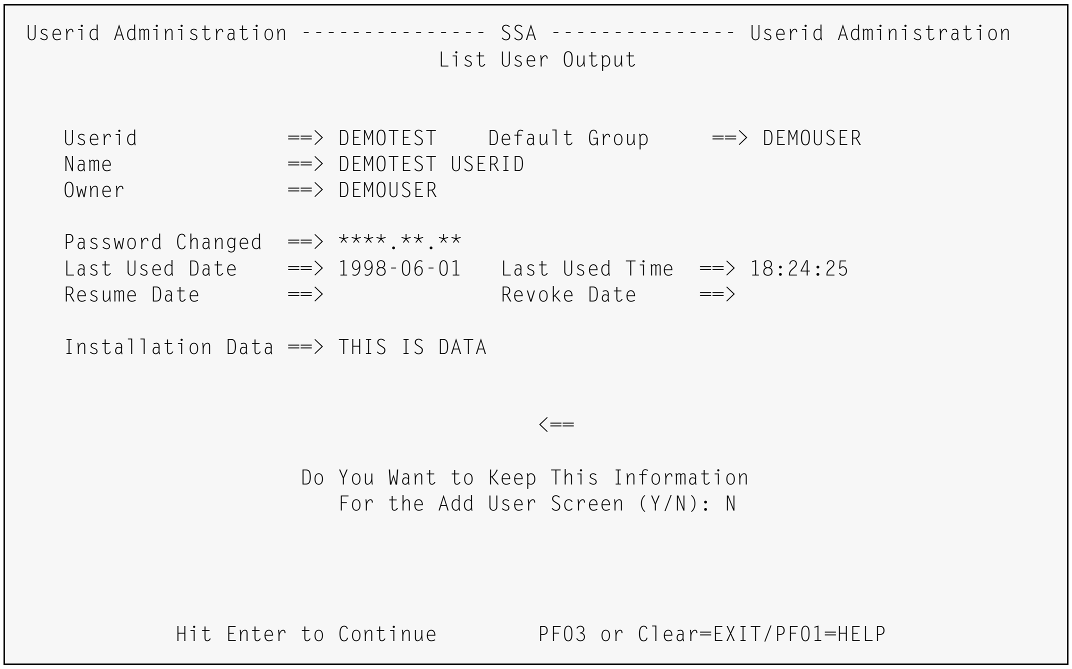
1. Enter ‘L’ as the request type.
2. Enter the userid in the USERID field and press ENTER.



```
Userid Administration -------------- SSA -------------- Userid Administration
                               Administration Input


          Enter the Request Type and Userid.  Other fields are optional.

   Request Type      ==> L                     (A=Add,C=Change,L=List,D=Delete)
   Userid            ==> DEMOTEST              Userid to be Processed
   Default Group     ==> ________              Default Group for New Userid
   Name              ==> ____________________  Userid Name
   Owner             ==> ________              Profile Owner
   Password          ==> ________              Password
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==





            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

List User Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



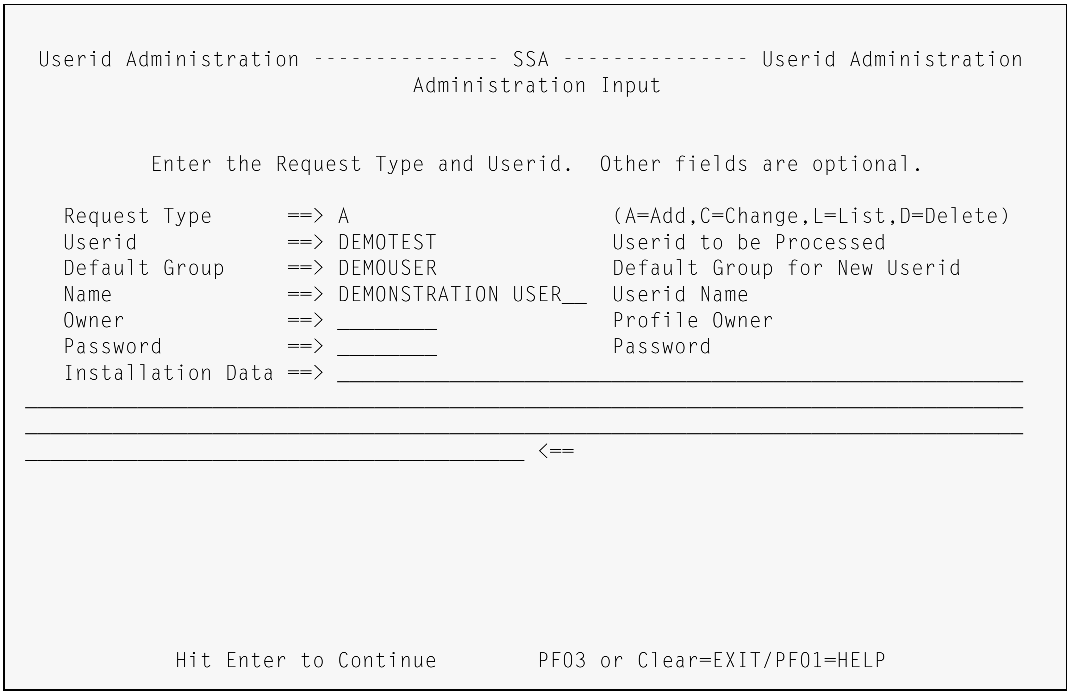
```
Userid Administration --------------- SSA --------------- Userid Administration
                                 List User Output


   Userid            ==> DEMOTEST    Default Group     ==> DEMOUSER
   Name              ==> DEMOTEST USERID
   Owner             ==> DEMOUSER

   Password Changed  ==> ****.**.**
   Last Used Date    ==> 1998-06-01   Last Used Time  ==> 18:24:25
   Resume Date       ==>              Revoke Date     ==>

   Installation Data ==> THIS IS DATA


                                         <==

                      Do You Want to Keep This Information
                         For the Add User Screen (Y/N): N



            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Always press ENTER after a List User, or to recover from a message, to return to the Userid Administration Main panel.

Add Userid

Perform the following steps to issue the equivalency of a RACF Add User command (i.e., ADDUSER DEMOTEST NA('DEMONSTRATION USER') DFL(DEMOUSER) OWNER(DEMOUSER):

1. Enter 'A' as the request type.
2. Enter the userid into the USERID field.
3. Enter a default group that you are authorized to use in the DEFAULT GROUP field. By not entering in the owner, the owner is set to the default group entered.
4. Enter the name in the NAME field (optional).



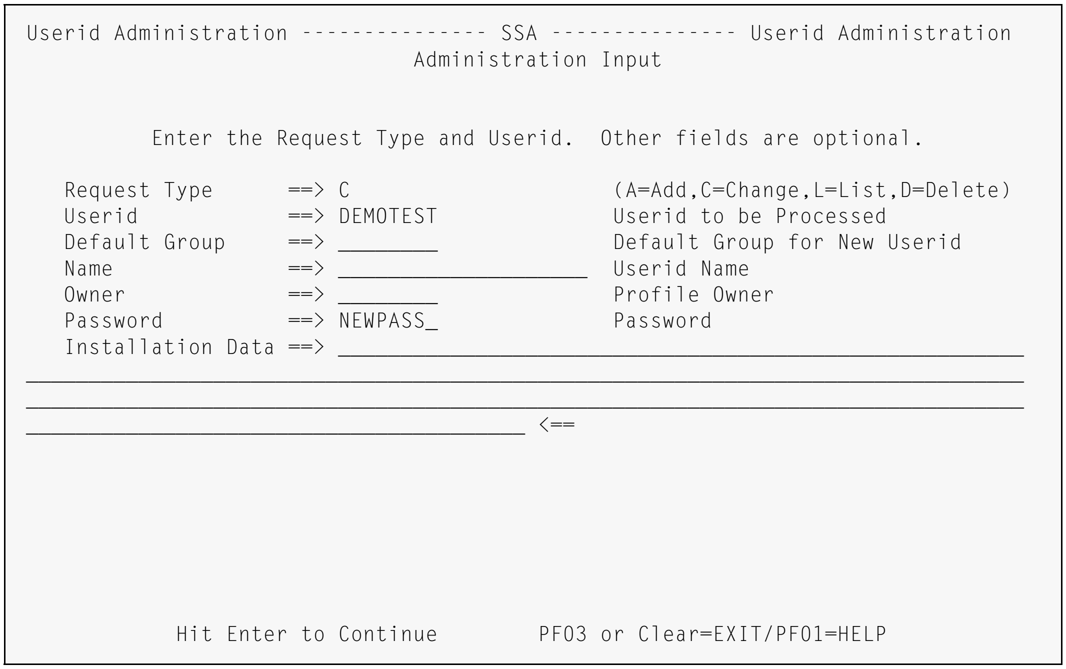
```
  Userid Administration --------------- SSA --------------- Userid Administration
                              Administration Input


         Enter the Request Type and Userid.  Other fields are optional.

    Request Type      ==> A                     (A=Add,C=Change,L=List,D=Delete)
    Userid            ==> DEMOTEST              Userid to be Processed
    Default Group     ==> DEMOUSER              Default Group for New Userid
    Name              ==> DEMONSTRATION USER__  Userid Name
    Owner             ==> ________              Profile Owner
    Password          ==> ________              Password
    Installation Data ==> _______________________________________________________
 ________________________________________________________________________________
 ________________________________________________________________________________
 ________________________________________ <==







             Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process adds the user to the specified default group. The name is included as part of the profile but is optional. The profile owner is also optional. If not specified the owner is set to the same value as the default group entered.

Change Password

Perform the following steps to issue the equivalency of a RACF Alter User Password Resume with a password specified (i.e., ALTUSER DEMOTEST PASSWORD(<password>) RESUME:

1. Enter ‘C’ as the request type.
2. Enter the userid into the USERID field.
3. TAB to the PASSWORD field, enter the desired password (clear the rest of the field by depressing the EOF (Erase End-Of-Field key), and press ENTER. You can change the Password to the Default Group by depressing the EOF (Erase End-Of-Field) key which clears the Password field, and then press ENTER.



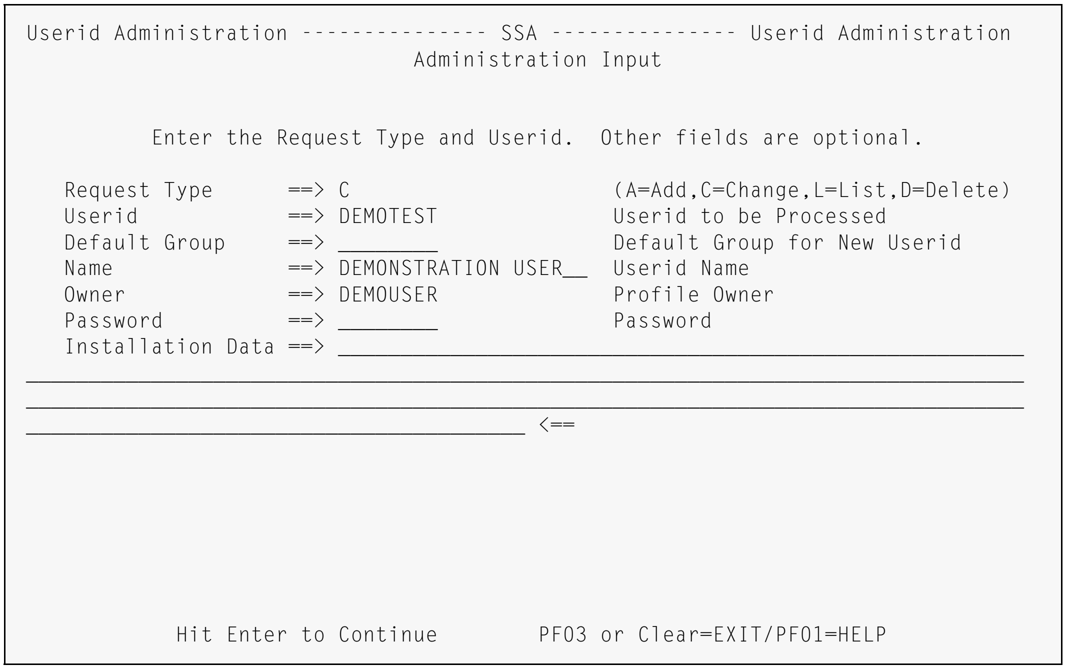
```
Userid Administration --------------- SSA --------------- Userid Administration
                               Administration Input


          Enter the Request Type and Userid.  Other fields are optional.

   Request Type      ==> C                     (A=Add,C=Change,L=List,D=Delete)
   Userid            ==> DEMOTEST              Userid to be Processed
   Default Group     ==> ________              Default Group for New Userid
   Name              ==> ____________________  Userid Name
   Owner             ==> ________              Profile Owner
   Password          ==> NEWPASS_              Password
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==







            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process sets the PASSDATE field to zeros requiring the user to enter a new password when they signon next and updates the LAST USED DATE/TIME fields with the current date and time.

Change the User's Name or Owner

Perform the following steps to issue the equivalency of a RACF Alter User Owner Name (i.e., ALTUSER DEMOTEST OWNER(DEMOUSER) NA('DEMONSTRATION USER'):

1. Enter 'C' as the request type.
2. Enter the userid into the USERID field.
3. Enter the owner in the OWNER field (optional).
4. Enter the name in the NAME field (optional).



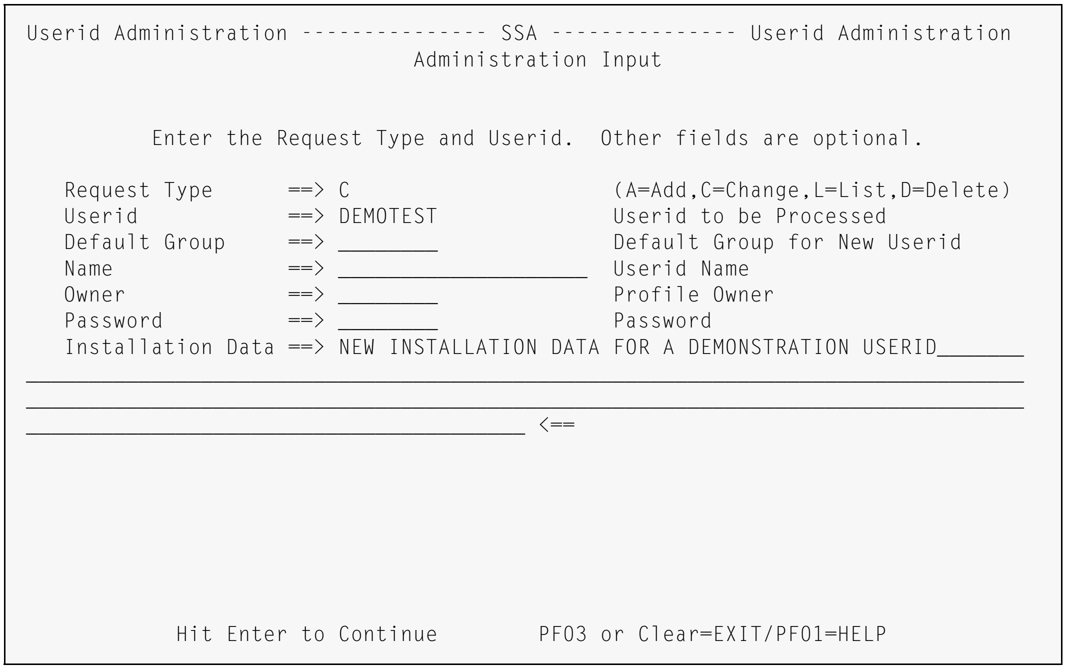
```
Userid Administration --------------- SSA --------------- Userid Administration
                               Administration Input


          Enter the Request Type and Userid.  Other fields are optional.

   Request Type      ==> C                     (A=Add,C=Change,L=List,D=Delete)
   Userid            ==> DEMOTEST              Userid to be Processed
   Default Group     ==> ________              Default Group for New Userid
   Name              ==> DEMONSTRATION USER__  Userid Name
   Owner             ==> DEMOUSER              Profile Owner
   Password          ==> ________              Password
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==







            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process updates the profile owner or name field.

Add/Replace User Installation Data

Perform the following steps to add or replace installation data for the specified user:

1. Enter ‘A’ for the request type if you are adding the user or ‘C’ if you are changing the userid.
2. Enter the userid into the USERID field.
3. TAB to the Installation Data field, type in data, and press ENTER.



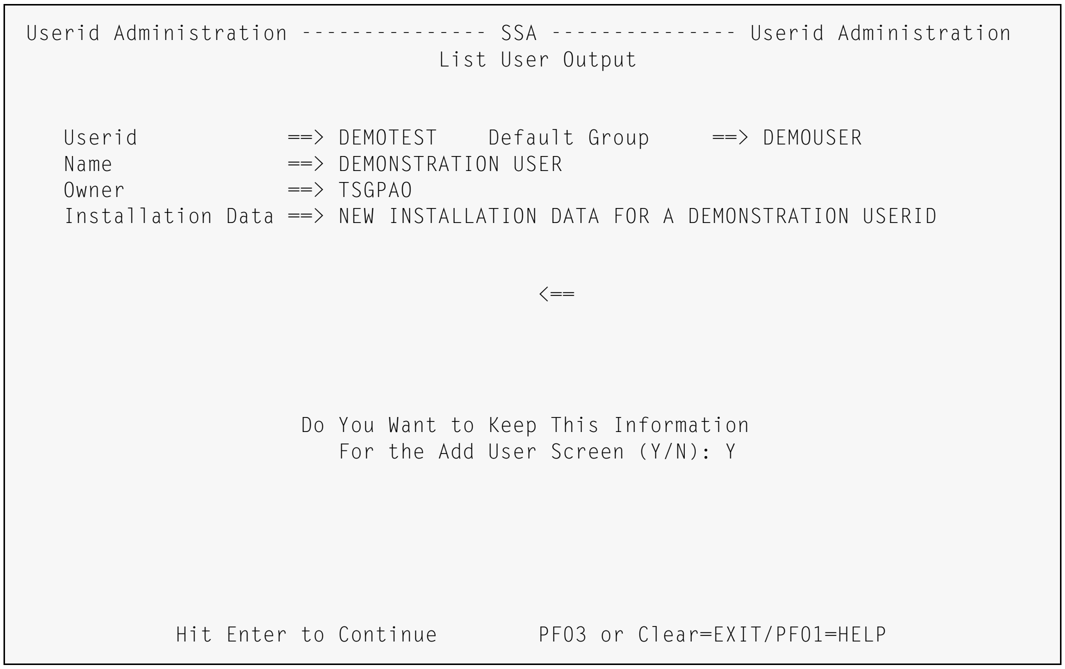
```
Userid Administration --------------- SSA --------------- Userid Administration
                              Administration Input


          Enter the Request Type and Userid.  Other fields are optional.

   Request Type      ==> C                      (A=Add,C=Change,L=List,D=Delete)
   Userid            ==> DEMOTEST               Userid to be Processed
   Default Group     ==> ________               Default Group for New Userid
   Name              ==> ____________________   Userid Name
   Owner             ==> ________               Profile Owner
   Password          ==> ________               Password
   Installation Data ==> NEW INSTALLATION DATA FOR A DEMONSTRATION USERID_______
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==






            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process updates the Installation Data field.

Update Existing User Installation Data

Perform the following steps to add or replace installation data for the specified user:

1. Enter ‘L’ as the request type to list the userid.
2. Enter the userid into the USERID field and press ENTER.
3. TAB to the Keep Installation Data field, type a 'Y', and press ENTER.
4. TAB to the Installation Data field, type in changes to data, and press ENTER.



```
Userid Administration --------------- SSA --------------- Userid Administration
                                 List User Output


   Userid            ==> DEMOTEST    Default Group     ==> DEMOUSER
   Name              ==> DEMONSTRATION USER
   Owner             ==> TSGPAO
   Installation Data ==> NEW INSTALLATION DATA FOR A DEMONSTRATION USERID


                                         <==




                      Do You Want to Keep This Information
                         For the Add User Screen (Y/N): Y







             Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

When you specify 'Y' to Keep Installation Data, the installation data will be passed back to the Input Screen.

This process updates the Installation Data field.

Userid Administration API Invocation

All calls to the SSA-CDA API involve calling the API program AAZCLNT with a COMMAREA that is always 32760 in length (See “ Application Programming Interface” on page 376). The COMMAREA consists of a header that is used for all invocations of the API and then the data for the actual requested function. Below is a table detailing the fields and formats for the Userid Administration SSA-CDA API call:

Field Label	Length	Explanation	Required on Invocation?

CACTION	1	Action requested. The valid values are:
		L = List
		A = Add
		C = Change
		D = Delete
			YES

CUSERID	8	Userid to be affected.	YES
CDFLTGP	8	Default group to be used if the request is an add.	NO, only when adding the userid.
CNAME	20	Data to be used in updating the name field on the userid specified.	NO
COWNER	8	User or group to be made the owner of the userid specified when the request is an add or change.	NO
CPSWD	8	Password to reset the userid specified with when the request is an add or change.	NO
CINSTL	255	Data to update installation data field on userid specified when the request is an add or change.	NO
CTSOFLG	1	Flag reserved for TSO segment	NO
CCICFLG	1	Flag reserved for CICS segment	NO
CDFPFLG	1	Flag reserved for DFP segment	NO
LUSERID	8	Output field indicating userid that was listed	NO
LDFLTGP	8	Output field showing the default group of the userid that was listed	NO
LNAME	20	Output field showing name of the userid that was listed.	NO
LOWNER	8	Output field showing the profile owner of the userid that was listed.	NO
LLCHGDT	10	Output field showing the password last changed date of the userid that was listed.	NO
LLACCDT	10	Output field showing the last used date of the userid that was listed.	NO
LLACCTM	8	Output field showing the last used time of the userid that was listed.	NO

LRESDT	10	Output field showing the resume date of the userid that was listed.	NO
LREVDT	10	Output field showing the revoke date of the userid that was listed.	NO
LINSTL	255	Output field containing the installation data of the userid listed.	NO
LTSOFLG	1	Reserved	NO
LCICFLG	1	Reserved	NO
LDFPFLG	1	Reserved	NO
LUSRSAV	1	Reserved	NO

Userid Administration API Example:

The following Assembler layout sample can be found in member CPYUSR in the SSA version 1.3 install library:

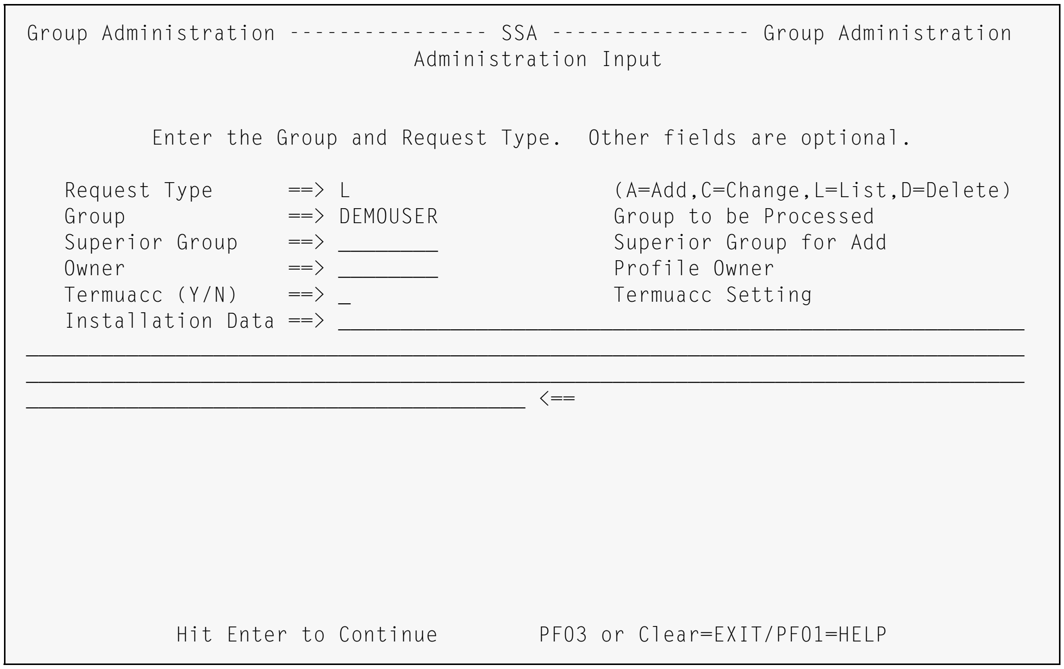
```
**** API HEADER ****
CACTION    DS   CL1            ACTION REQUESTED
CUSERID    DS   CL8            USERID
CDFLTGP    DS   CL8            CURRENT DEFAULT GROUP
CNAME      DS   CL20           CURRENT NAME
COWNER     DS   CL8            OWNER
CPSWD      DS   CL8            NEW PASSWORD
CINSTL     DS   CL255          NEW INSTALLATION DATA
CTSOFLG    DS   CL1            TSO SEGMENT?
CCICFLG    DS   CL1            CICS SEGMENT?
CDFPFLG    DS   CL1            DFP SEGMENT?
*
LUSERID    DS   CL8            USERID
LDFLTGP    DS   CL8            CURRENT DEFAULT GROUP
LNAME      DS   CL20           CURRENT NAME
LOWNER     DS   CL8            OWNER
LLCHGDT    DS   CL10           PW CHANGE DATE
LLACCDT    DS   CL10           LAST USE DATE
LLACCTM    DS   CL8            LAST USE TIME
LRESDT     DS   CL10           RESUME DATE
LREVDT     DS   CL10           REVOKE DATE
LINSTL     DS   CL255          NEW INSTALLATION DATA
LTSOFLG    DS   CL1            TSO SEGMENT?
LCICFLG    DS   CL1            CICS SEGMENT?
LDFPFLG    DS   CL1            DFP SEGMENT?
LUSRSAV    DS   CL1            SAVE INFO FROM LIST SCREEN?
            ORG COMMAREA+32760
```

GROUP Administration Screens

Perform List Group

Perform the following steps to issue the equivalency of a RACF List Group command (i.e., LU DEMOTEST):

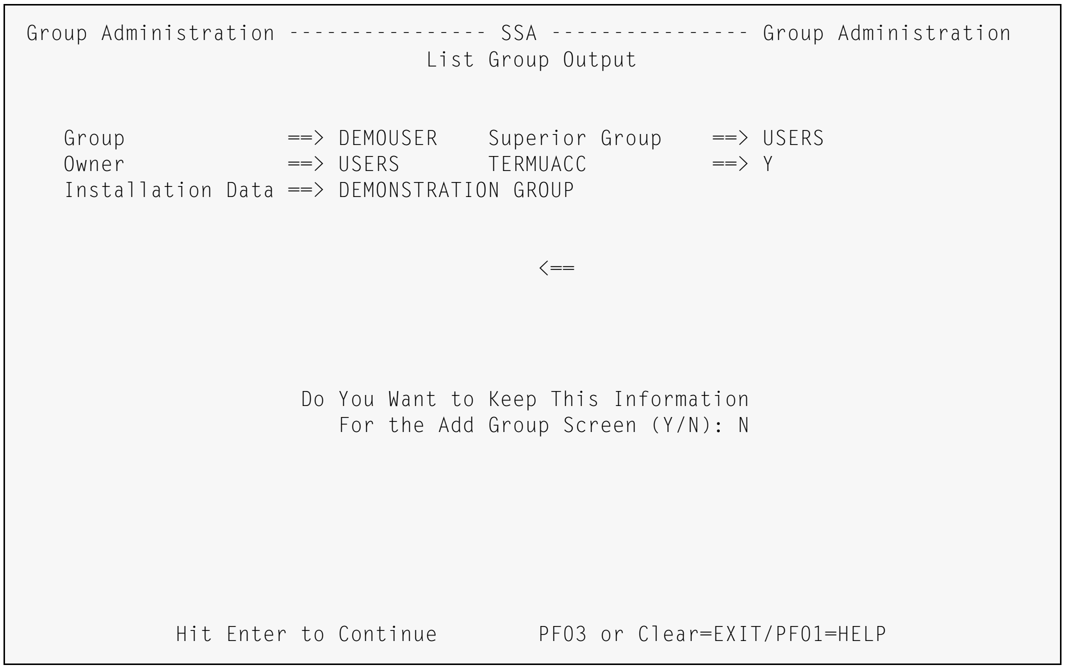
1. Enter ‘L’ as the request type.
2. Enter the group in the GROUP field and press ENTER.



```
Group Administration --------------- SSA --------------- Group Administration
                              Administration Input


          Enter the Group and Request Type.  Other fields are optional.

   Request Type      ==> L                     (A=Add,C=Change,L=List,D=Delete)
   Group             ==> DEMOUSER              Group to be Processed
   Superior Group    ==> ________              Superior Group for Add
   Owner             ==> ________              Profile Owner
   Termuacc (Y/N)    ==> _                     Termuacc Setting
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==








             Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

List Group Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



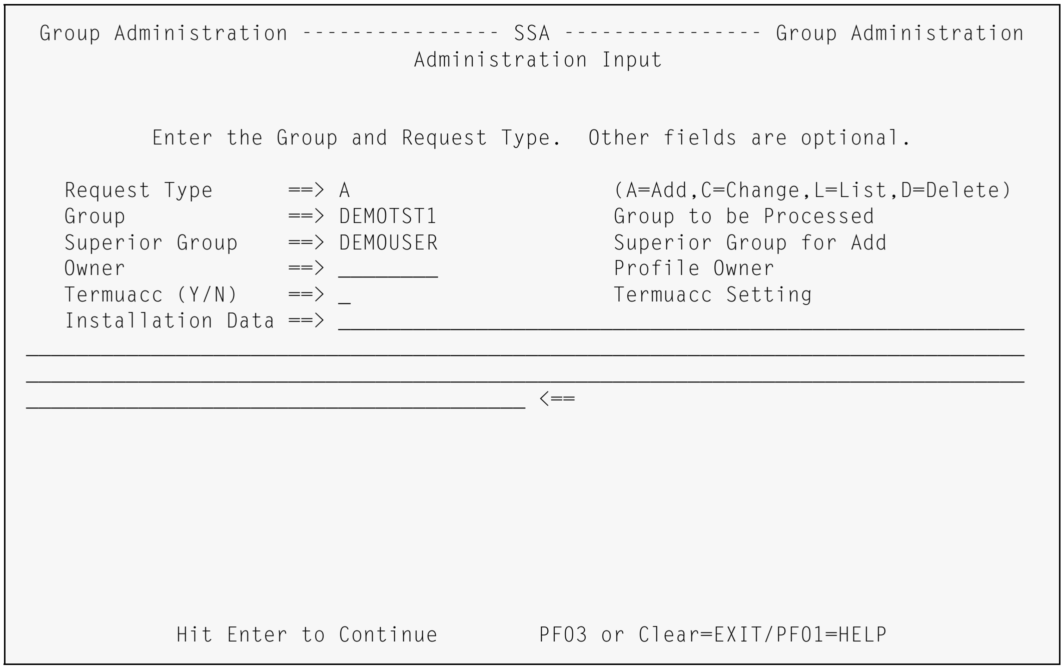
```
Group Administration ---------------- SSA ---------------- Group Administration
                                List Group Output


   Group             ==> DEMOUSER    Superior Group    ==> USERS
   Owner             ==> USERS       TERMUACC          ==> Y
   Installation Data ==> DEMONSTRATION GROUP


                                         <==




                      Do You Want to Keep This Information
                         For the Add Group Screen (Y/N): N







            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Always press ENTER after a List Group, or to recover from a message, to return to the Group Administration Main panel.

Add Group

Perform the following steps to issue the equivalency of a RACF Add Group command (i.e., ADDGROUP DEMOTST1 SUPGRP(DEMOUSER) OWNER(DEMOUSER):

1. Enter ‘A’ as the request type.
2. Enter the group into the GROUP field.
3. Enter a superior group that you are authorized to use in the SUPERIOR GROUP field. By not entering in the owner, the owner is set to the superior group entered.
4. Determine if TERMUACC is to be on or off (optional) and hit Enter.



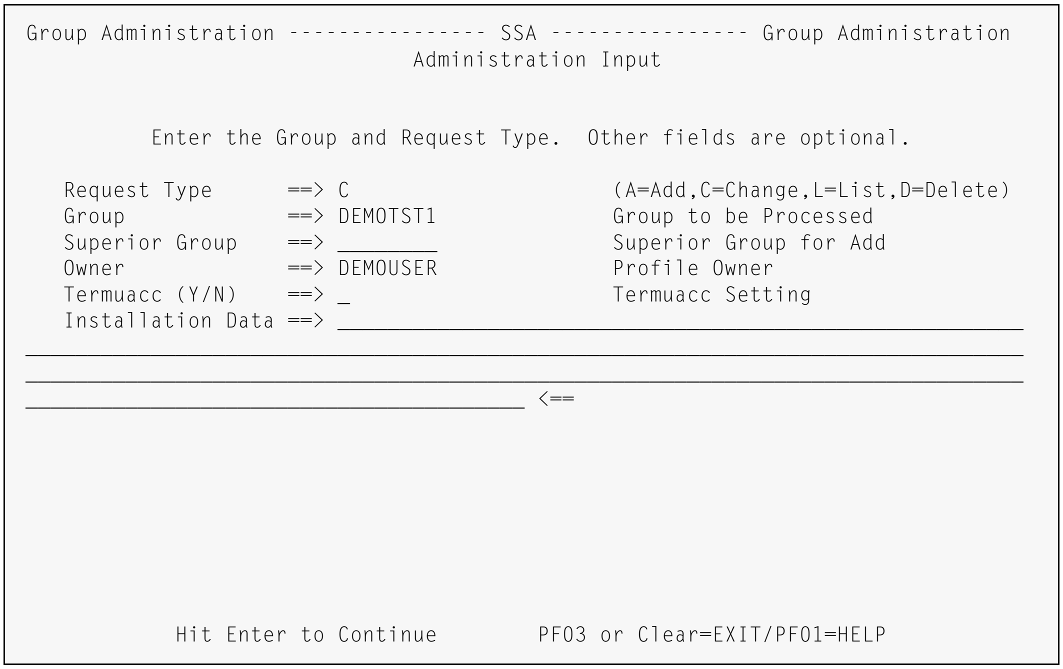
```
 Group Administration --------------- SSA --------------- Group Administration
                              Administration Input


         Enter the Group and Request Type.  Other fields are optional.

   Request Type      ==> A                     (A=Add,C=Change,L=List,D=Delete)
   Group             ==> DEMOTST1              Group to be Processed
   Superior Group    ==> DEMOUSER              Superior Group for Add
   Owner             ==> ________              Profile Owner
   Termuacc (Y/N)    ==> _                     Termuacc Setting
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==









           Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process adds the group to the superior group. The profile owner is also optional. If not specified the owner is set to the same value as the default group entered. The TERMUACC if not entered, defaults to ‘Y’.

Change the Group’s Owner or TERMUACC

Perform the following steps to issue the equivalency of a RACF Alter Group Owner TERMUACC (i.e., ALTGROUP DEMOTST1 OWNER(DEMOUSER) TERMUACC):

1. Enter ‘C’ as the request type.
2. Enter the group into the GROUP field.
3. Enter the owner in the OWNER field (optional).
4. Enter ‘Y’ or ‘N” in the TERMUACC field (optional).



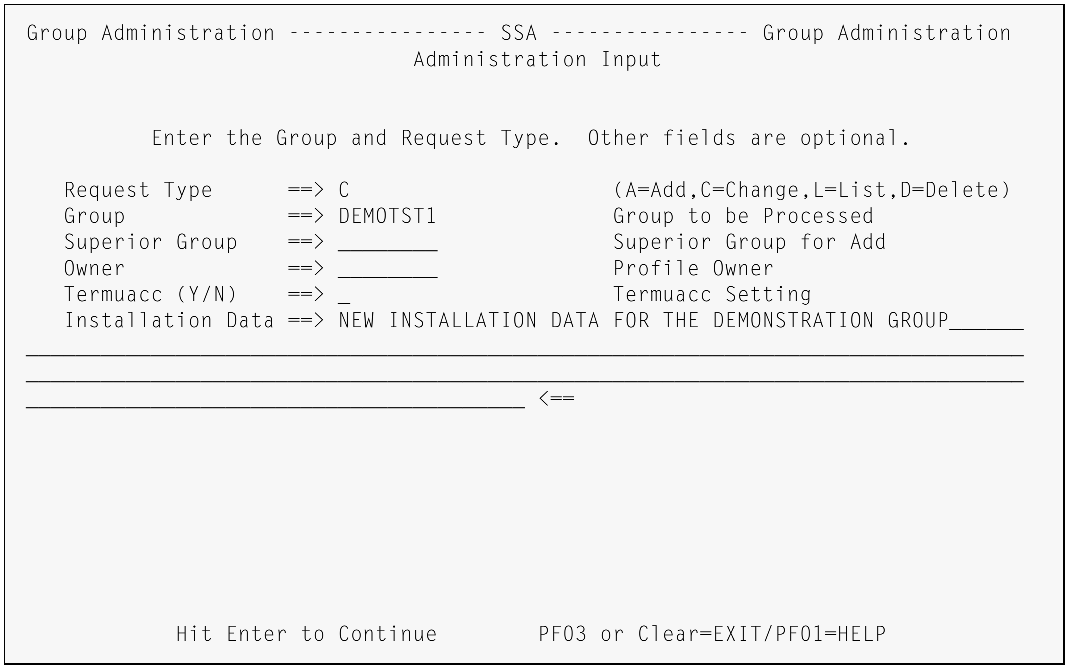
```
Group Administration ---------------- SSA ---------------- Group Administration
                               Administration Input


          Enter the Group and Request Type.  Other fields are optional.

   Request Type      ==> C                     (A=Add,C=Change,L=List,D=Delete)
   Group             ==> DEMOTST1              Group to be Processed
   Superior Group    ==> ________              Superior Group for Add
   Owner             ==> DEMOUSER              Profile Owner
   Termuacc (Y/N)    ==> _                     Termuacc Setting
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==








            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process updates the profile owner or TERMUACC field.

Add/Replace Group Installation Data

Perform the following steps to add or replace installation data for the specified group:

1. Enter ‘A’ for the request type if you are adding the group or ‘C’ if you are changing the group.
2. Enter the group into the GROUP field.
3. TAB to the Installation Data field, type in data, and press ENTER.



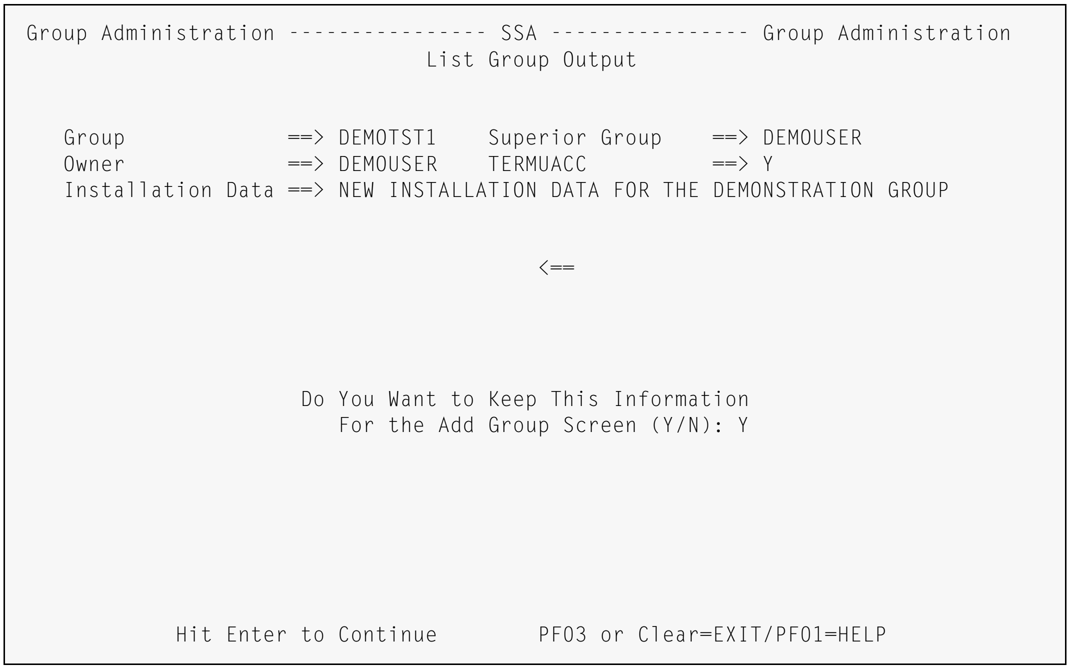
```
Group Administration ---------------- SSA ---------------- Group Administration
                              Administration Input


          Enter the Group and Request Type.  Other fields are optional.

   Request Type      ==> C                     (A=Add,C=Change,L=List,D=Delete)
   Group             ==> DEMOTST1              Group to be Processed
   Superior Group    ==> ________              Superior Group for Add
   Owner             ==> ________              Profile Owner
   Termuacc (Y/N)    ==> _                     Termuacc Setting
   Installation Data ==> NEW INSTALLATION DATA FOR THE DEMONSTRATION GROUP______
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==









            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process updates the Installation Data field.

Update Existing Group Installation Data

Perform the following steps to add or replace installation data for the specified group:

1. Enter ‘L’ as the request type to list the group.
2. Enter the group into the GROUP field and press ENTER.
3. TAB to the Keep Installation Data field, type a 'Y', and press ENTER.
4. TAB to the Installation Data field, type in changes to data, and press ENTER.



```
Group Administration ---------------- SSA ---------------- Group Administration
                                List Group Output


   Group             ==> DEMOTST1    Superior Group    ==> DEMOUSER
   Owner             ==> DEMOUSER    TERMUACC          ==> Y
   Installation Data ==> NEW INSTALLATION DATA FOR THE DEMONSTRATION GROUP



                                         <==





                      Do You Want to Keep This Information
                         For the Add Group Screen (Y/N): Y








             Hit Enter to Continue       PF03 or Clear=EXIT/PF01=HELP
```

When you specify 'Y' to Keep Installation Data, the installation data will be passed back to the Input Screen.

This process updates the Installation Data field.

Group Administration API Invocation

All calls to the SSA-CDA API involve calling the API program AAZCLNT with a COMMAREA that is always 32760 in length (See API details at the beginning of this chapter). The COMMAREA consists of a header that is used for all invocations of the API and then the data for the actual requested function. Below is a table detailing the fields and formats for the Group Administration SSA-CDA API call:

Field Label	Length	Explanation	Required on Invocation?

CACTION	1	Action requested. The valid values are:
		L = List
		A = Add
		C = Change
		D = Delete
			YES

CGROUP	8	Group to be affected	YES
CSUPGRP	8	Superior group to be used on an add request.	NO, only when adding a group.
COWNER	8	User or group to be made the owner of the group specified when the request is an add or change.	NO
CTRMUAC	1	Indicator specifying if TERMUACC is to be ON or OFF when the request is an add or change.	NO
CINSTL	255	Data to update installation data field on group specified when the request is an add or change.	NO
CMVSFLG	1	Flag reserved for OMVS segment	NO
CDFPFLG	1	Flag reserved for DFP segment	NO
LGROUP	8	Output field indicating group that was listed	NO
LSUPGRP	8	Output field showing the superior group of the group that was listed	NO
LOWNER	8	Output field showing the profile owner of the group that was listed.	NO
LTRMUAC	1	Output field showing if TERMUACC is ON or OFF.	NO
LINSTL	255	Output field containing the installation data of the group listed.	NO
LMVSFLG	1	Reserved output field for the OMVS segment	NO
LDFPFLG	1	Reserved output field for the DFP segment	NO
LGRPSAV	1	RESERVED	NO

Group Administration API Example:

The following Assembler layout sample can be found in member CPYGRP of the SSA version 1.3 install library:

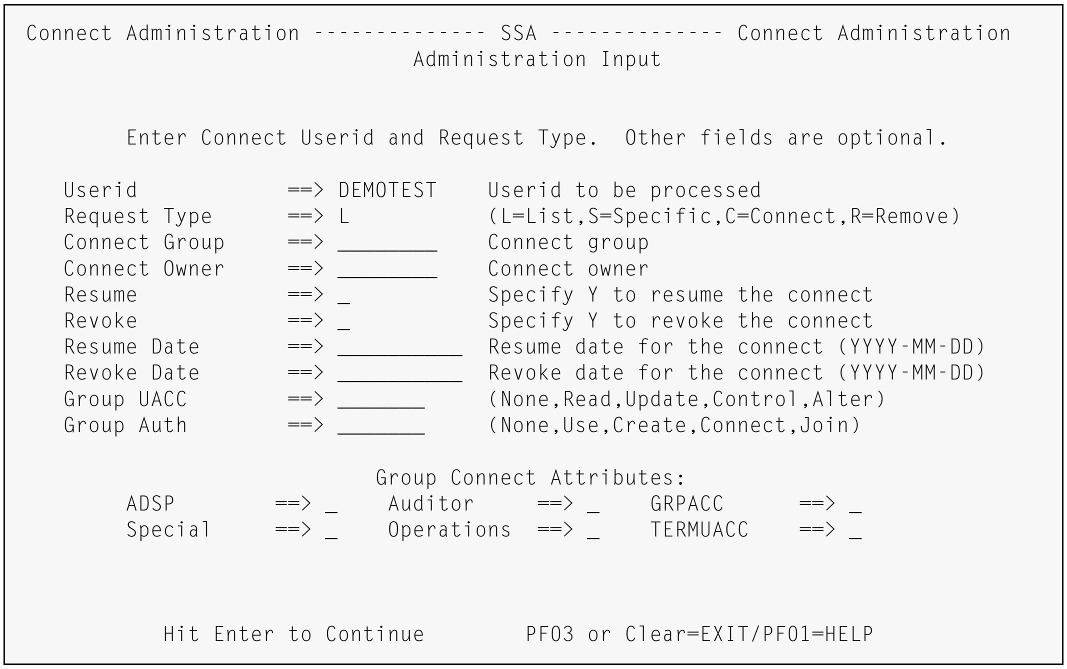
```
**** API HEADER ****
CACTION     DS    CL1      ACTION REQUESTED
CGROUP      DS    CL8      GROUP
CSUPGRP     DS    CL8      CURRENT SUPERIOR GROUP
COWNER      DS    CL8      OWNER
CTRMUAC     DS    CL1      TERMUACC
CINSTL      DS    CL255    NEW INSTALLATION DATA
CMVSFLG     DS    CL1      RESERVED FOR FUTURE USE
CDFPFLG     DS    CL1      RESERVED FOR FUTURE USE
*
LGROUP      DS    CL8      GROUP
LSUPGRP     DS    CL8      CURRENT SUPERIOR GROUP
LOWNER      DS    CL8      OWNER
LTRMUAC     DS    CL1      TERMUACC
LINSTL      DS    CL255    INSTALLATION DATA
LMVSFLG     DS    CL1      RESERVED FOR FUTURE USE
LDFPFLG     DS    CL1      RESERVED FOR FUTURE USE
LGRPSAV     DS    CL1      RESERVED
            ORG   COMMAREA+32760
```

Connect Administration Screens

List All Connects

Perform the following steps to issue the equivalency of a RACF List User command that shows only connect groups for which the user is authorized to (i.e., LU DEMOTEST):

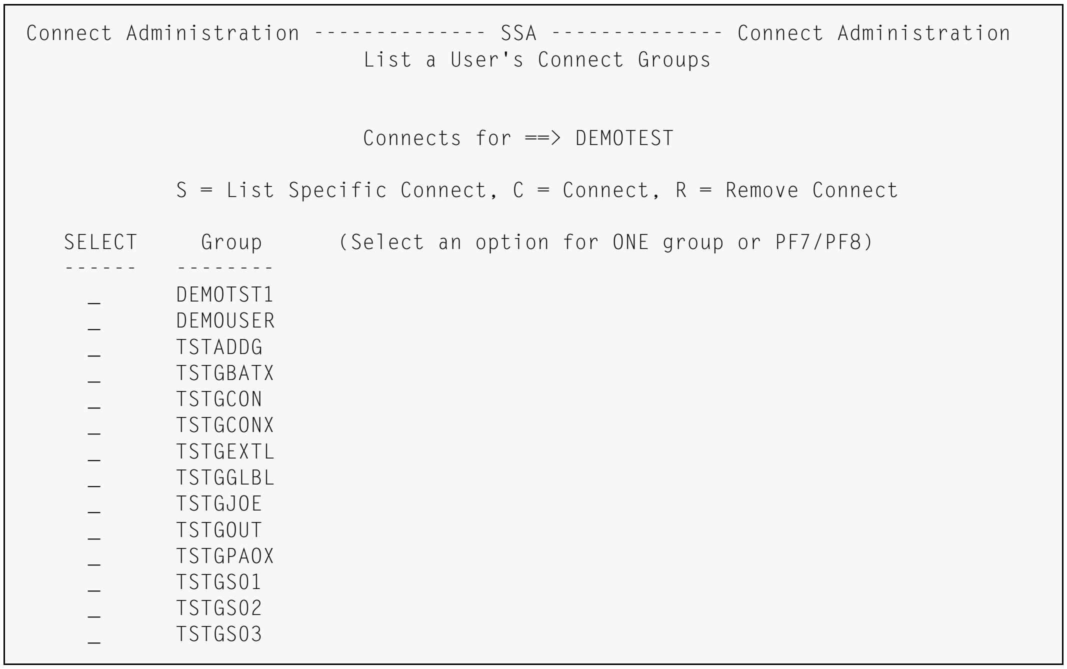
1. Enter the <userid> in the USERID field, enter an ‘L’ in the Request Type field, and press ENTER.



```
Connect Administration ------------- SSA ------------- Connect Administration
                               Administration Input


        Enter Connect Userid and Request Type.  Other fields are optional.

   Userid            ==> DEMOTEST    Userid to be processed
   Request Type      ==> L           (L=List,S=Specific,C=Connect,R=Remove)
   Connect Group     ==> ________    Connect group
   Connect Owner     ==> ________    Connect owner
   Resume            ==> _           Specify Y to resume the connect
   Revoke            ==> _           Specify Y to revoke the connect
   Resume Date       ==> __________  Resume date for the connect (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the connect (YYYY-MM-DD)
   Group UACC        ==> _______     (None,Read,Update,Control,Alter)
   Group Auth        ==> _______     (None,Use,Create,Connect,Join)

                            Group Connect Attributes:
        ADSP        ==> _    Auditor     ==> _    GRPACC      ==> _
        Special     ==> _    Operations  ==> _    TERMUACC    ==> _



           Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

List All Connects Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



```
Connect Administration ------------- SSA ------------- Connect Administration
                           List a User's Connect Groups


                           Connects for ==> DEMOTEST

            S = List Specific Connect, C = Connect, R = Remove Connect

   SELECT     Group      (Select an option for ONE group or PF7/PF8)
   ------   --------
     _      DEMOTST1
     _      DEMOUSER
     _      TSTADDG
     _      TSTGBATX
     _      TSTGCON
     _      TSTGCONX
     _      TSTGEXTL
     _      TSTGGLBL
     _      TSTGJOE
     _      TSTGOUT
     _      TSTGPAOX
     _      TSTGS01
     _      TSTGS02
     _      TSTGS03
```

You can ‘select and scroll’ through the listing and specify, in the select column, any of the following options:

- List Specific Connect (S)

  Displays a screen with specific information about the connect. See List Specific Connect for screen example.

- Connect (C)

  Displays the Connect Administration Main Panel with appropriate fields filled in.

- Remove Connect (R)

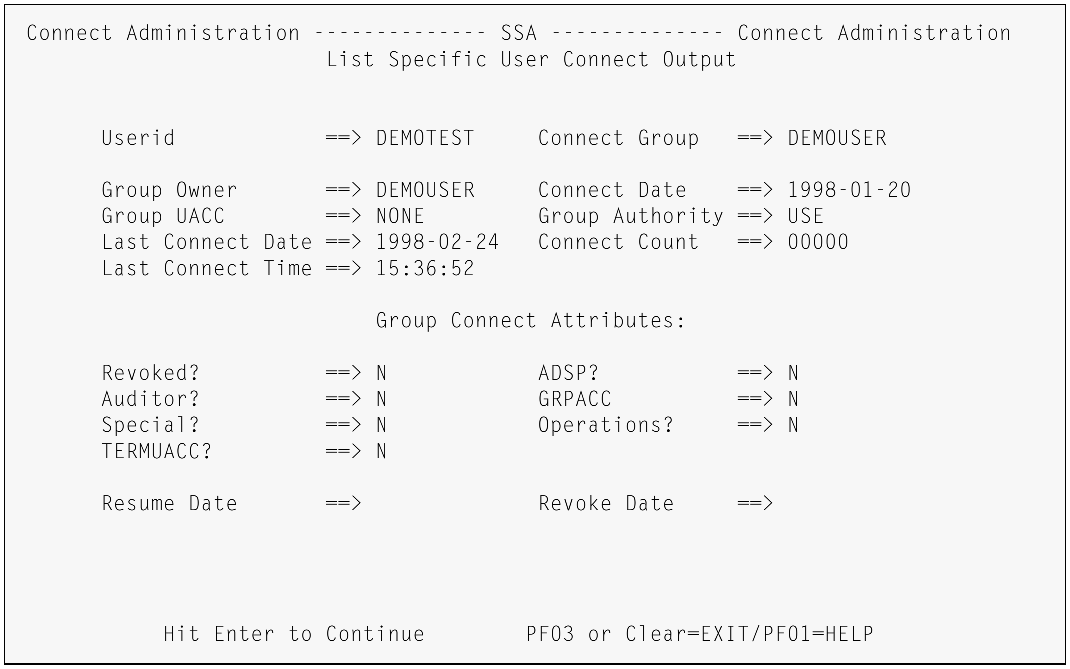
  Displays a confirmation panel to confirm the remove request. If the request is confirmed with a ‘Y’ then the user will be removed from the group.

Note: This display only lists those groups that the user is authorized to via SSA.$CONNECT.<group> authority profiles.

Note: The CICS version of Connect Administration only allows the user to select one connection from the list. The TSO version allows as many selections as the user requests.

List Specific Connect Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.

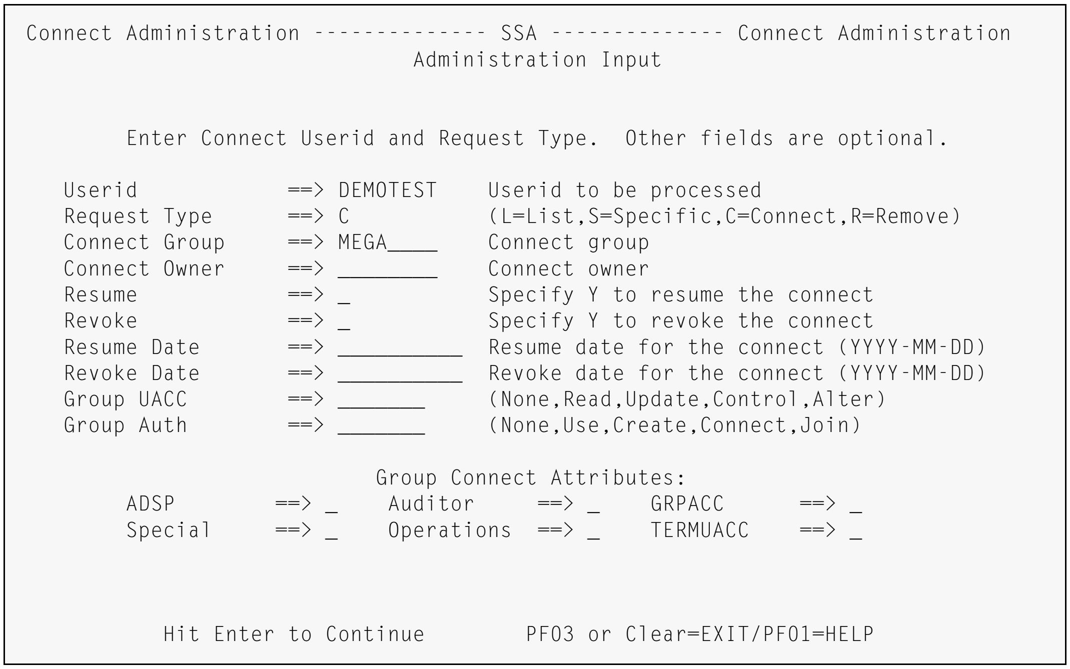


```
Connect Administration ------------- SSA ------------- Connect Administration
                        List Specific User Connect Output


      Userid            ==> DEMOTEST     Connect Group   ==> DEMOUSER

      Group Owner       ==> DEMOUSER     Connect Date    ==> 1998-01-20
      Group UACC        ==> NONE         Group Authority ==> USE
      Last Connect Date ==> 1998-02-24   Connect Count   ==> 00000
      Last Connect Time ==> 15:36:52

                            Group Connect Attributes:

      Revoked?          ==> N            ADSP?           ==> N
      Auditor?          ==> N            GRPACC          ==> N
      Special?          ==> N            Operations?     ==> N
      TERMUACC?         ==> N

      Resume Date       ==>              Revoke Date     ==>



           Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Connect a User to a Group

Perform the following steps to issue the equivalency of a RACF CONNECT <*userid*> GROUP(<*group*>) command.

1. Enter the <userid> into the USERID field.
2. Enter ‘C’ in the Request Type field.
3. Enter a <group> in the Connect Group field, and press ENTER.



```
Connect Administration -------------- SSA -------------- Connect Administration
                               Administration Input


        Enter Connect Userid and Request Type.  Other fields are optional.

   Userid            ==> DEMOTEST    Userid to be processed
   Request Type      ==> C           (L=List,S=Specific,C=Connect,R=Remove)
   Connect Group     ==> MEGA____    Connect group
   Connect Owner     ==> ________    Connect owner
   Resume            ==> _           Specify Y to resume the connect
   Revoke            ==> _           Specify Y to revoke the connect
   Resume Date       ==> __________  Resume date for the connect (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the connect (YYYY-MM-DD)
   Group UACC        ==> _______     (None,Read,Update,Control,Alter)
   Group Auth        ==> _______     (None,Use,Create,Connect,Join)

                            Group Connect Attributes:
        ADSP        ==> _    Auditor     ==> _    GRPACC      ==> _
        Special     ==> _    Operations  ==> _    TERMUACC    ==> _



           Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process will connect the user to the specified group.

For a new connect the following defaults will be used if not explicitly specified:

- UACC(NONE)
- NOTERMUACC
- OWNER(<*group*>)

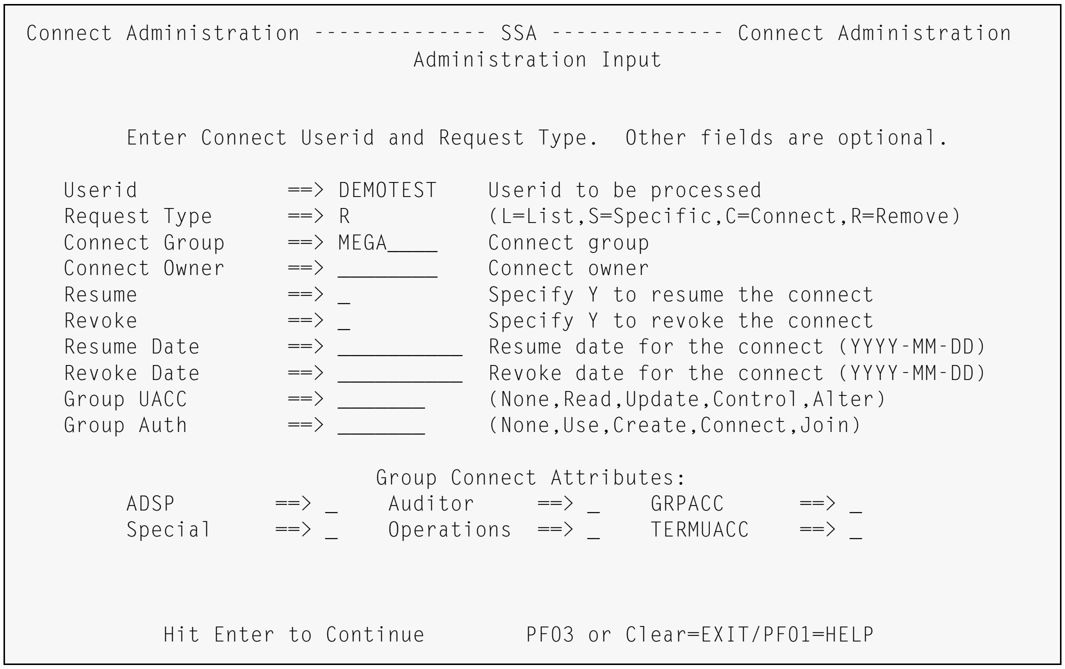
For existing connects, unless explicitly specified, no fields will be changed.

Note: You can request any combination of Connect Administration functions. If the user does not have the correct access level to the SSA.$CONNECT profile to do any one of the functions the entire request is failed (no partial updates are processed).

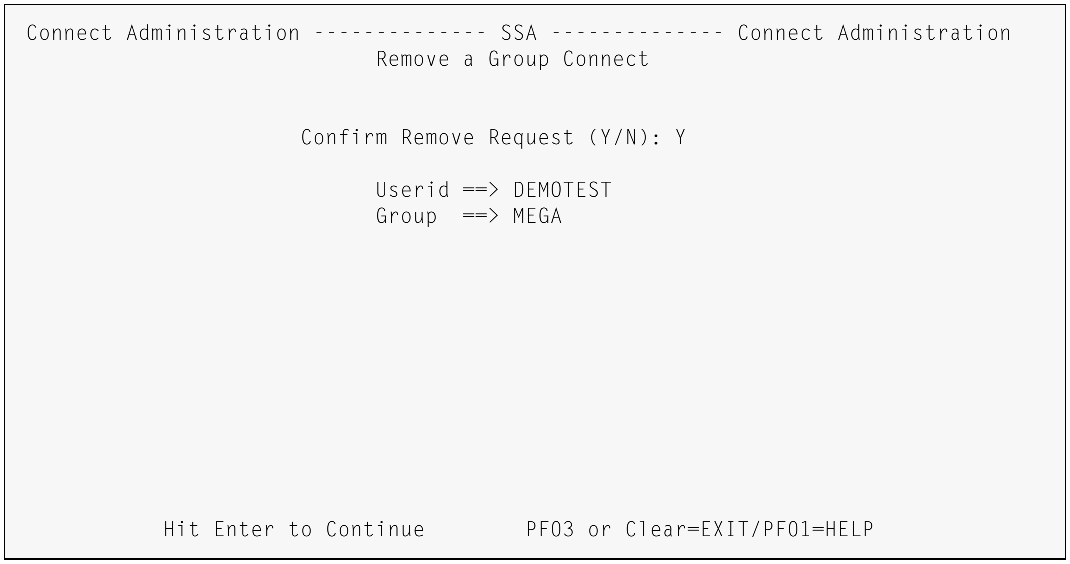
Remove User from Group

Perform the following steps to issue the equivalency of a RACF REMOVE <*userid*> GROUP(<*group*>) command:

1. Enter the <userid> into the USERID field.
2. Enter ‘R’ in the Request Type field.
3. Enter a <group> in the Connect Group field, and press ENTER.
4. Type a ‘Y’ in the Confirmation Pop-up Panel when prompted and press ENTER.



```
Connect Administration -------------- SSA -------------- Connect Administration
                               Administration Input


        Enter Connect Userid and Request Type.  Other fields are optional.

   Userid            ==> DEMOTEST    Userid to be processed
   Request Type      ==> R           (L=List,S=Specific,C=Connect,R=Remove)
   Connect Group     ==> MEGA____    Connect group
   Connect Owner     ==> ________    Connect owner
   Resume            ==> _           Specify Y to resume the connect
   Revoke            ==> _           Specify Y to revoke the connect
   Resume Date       ==> __________  Resume date for the connect (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the connect (YYYY-MM-DD)
   Group UACC        ==> _______     (None,Read,Update,Control,Alter)
   Group Auth        ==> _______     (None,Use,Create,Connect,Join)

                         Group Connect Attributes:
        ADSP        ==> _    Auditor     ==> _    GRPACC      ==> _
        Special     ==> _    Operations  ==> _    TERMUACC    ==> _



           Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

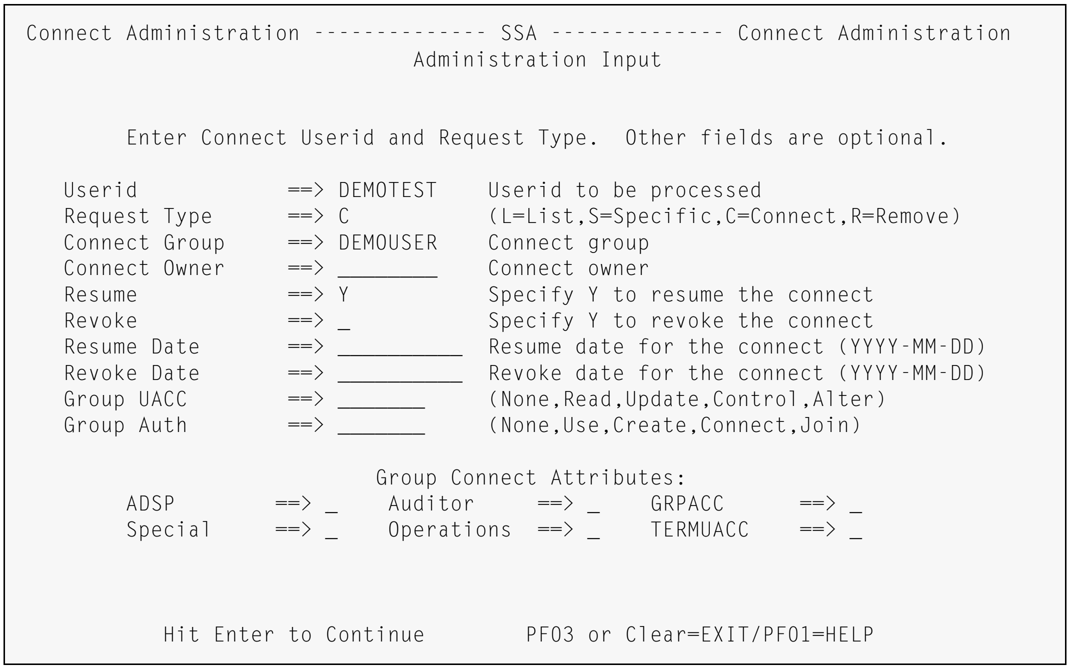


```
Connect Administration -------------- SSA -------------- Connect Administration
                            Remove a Group Connect


                      Confirm Remove Request (Y/N): Y

                            Userid ==> DEMOTEST
                            Group  ==> MEGA










           Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Resume a Connect

Perform the following steps to issue the equivalency of a RACF CONNECT <*userid*> GROUP(<*group*>) RESUME command:

1. Enter the <userid> into the USERID field.
2. Enter ‘C’ in the Request Type field.
3. Enter a <group> in the Connect Group field.
4. Type a ‘Y’ in the Resume field, and press ENTER.

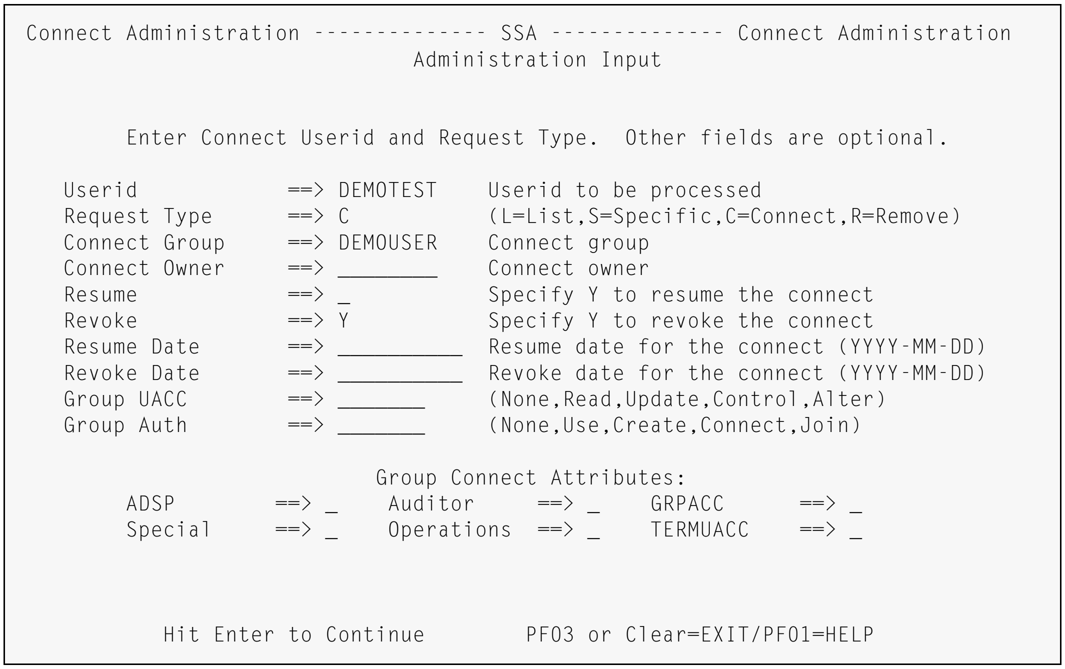


```
Connect Administration -------------- SSA -------------- Connect Administration
                              Administration Input


        Enter Connect Userid and Request Type.  Other fields are optional.

   Userid            ==> DEMOTEST    Userid to be processed
   Request Type      ==> C           (L=List,S=Specific,C=Connect,R=Remove)
   Connect Group     ==> DEMOUSER    Connect group
   Connect Owner     ==> ________    Connect owner
   Resume            ==> Y           Specify Y to resume the connect
   Revoke            ==> _           Specify Y to revoke the connect
   Resume Date       ==> __________  Resume date for the connect (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the connect (YYYY-MM-DD)
   Group UACC        ==> _______     (None,Read,Update,Control,Alter)
   Group Auth        ==> _______     (None,Use,Create,Connect,Join)

                             Group Connect Attributes:
        ADSP        ==> _    Auditor     ==> _    GRPACC      ==> _
        Special     ==> _    Operations  ==> _    TERMUACC    ==> _



           Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Revoke a Connect

Perform the following steps to issue the equivalency of a RACF CONNECT <*userid*> GROUP(<*group*>) REVOKE command:

1. Enter the <userid> into the USERID field.
2. Enter ‘C’ in the Request Type field.
3. Enter a <group> in the Connect Group field.
4. Type a ‘Y’ in the Revoke field, and press ENTER.

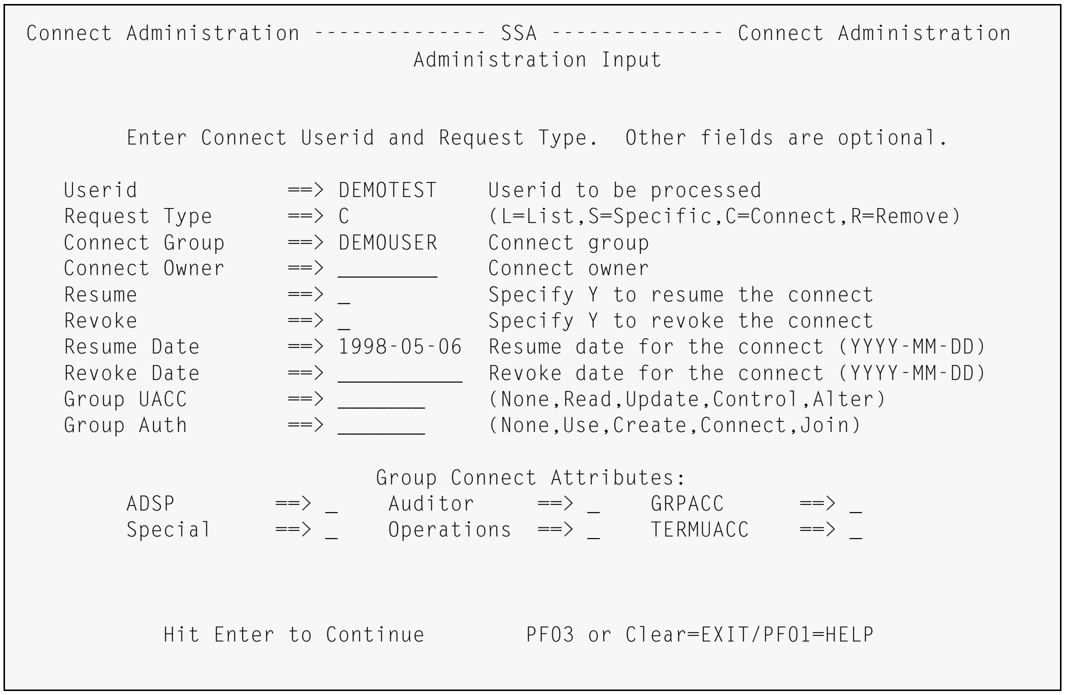


```
Connect Administration -------------- SSA -------------- Connect Administration
                              Administration Input


       Enter Connect Userid and Request Type.  Other fields are optional.

  Userid            ==> DEMOTEST    Userid to be processed
  Request Type      ==> C           (L=List,S=Specific,C=Connect,R=Remove)
  Connect Group     ==> DEMOUSER    Connect group
  Connect Owner     ==> ________    Connect owner
  Resume            ==> _           Specify Y to resume the connect
  Revoke            ==> Y           Specify Y to revoke the connect
  Resume Date       ==> __________  Resume date for the connect (YYYY-MM-DD)
  Revoke Date       ==> __________  Revoke date for the connect (YYYY-MM-DD)
  Group UACC        ==> _______     (None,Read,Update,Control,Alter)
  Group Auth        ==> _______     (None,Use,Create,Connect,Join)

                           Group Connect Attributes:
       ADSP        ==> _    Auditor     ==> _    GRPACC      ==> _
       Special     ==> _    Operations  ==> _    TERMUACC    ==> _



          Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Set a Resume Date on a Connect

Perform the following steps to issue the equivalency of a RACF CONNECT <*userid*> GROUP(<*group*>) RESUME(<*date*>) command:

1. Enter the <userid> into the USERID field.
2. Enter ‘C’ in the Request Type field.
3. Enter a <group> in the Connect Group field.
4. Enter a Gregorian <date> in the format of YYYY-MM-DD, that is greater than the current date, in the RESUME DATE field, and press ENTER.

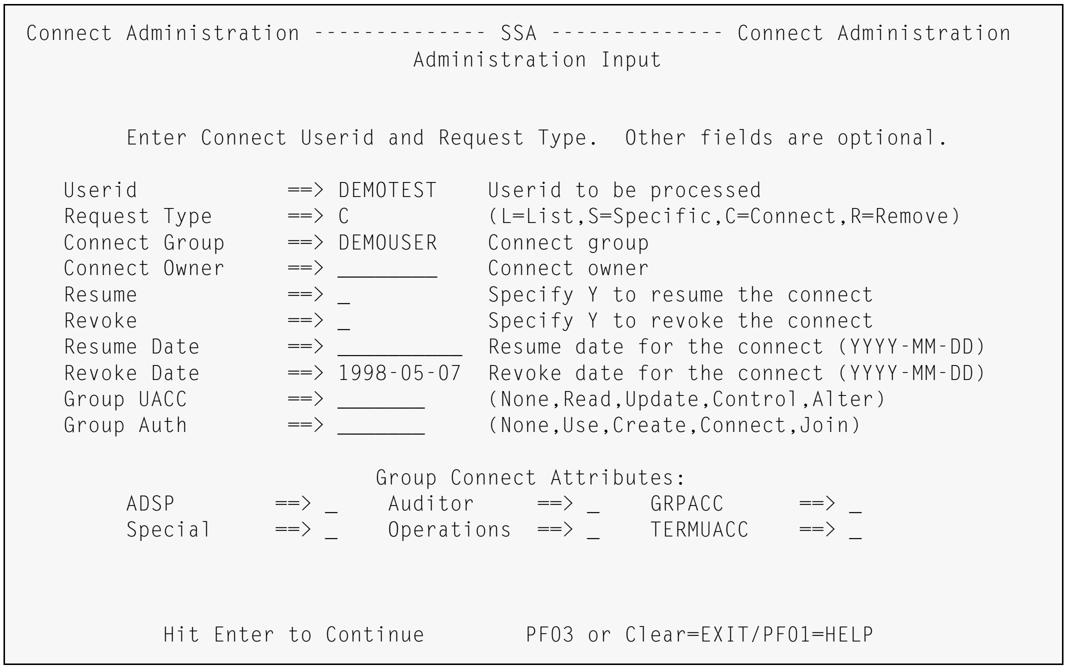


```
Connect Administration ------------- SSA ------------- Connect Administration
                              Administration Input


        Enter Connect Userid and Request Type.  Other fields are optional.

   Userid            ==> DEMOTEST    Userid to be processed
   Request Type      ==> C           (L=List,S=Specific,C=Connect,R=Remove)
   Connect Group     ==> DEMOUSER    Connect group
   Connect Owner     ==> ________    Connect owner
   Resume            ==> _           Specify Y to resume the connect
   Revoke            ==> _           Specify Y to revoke the connect
   Resume Date       ==> 1998-05-06  Resume date for the connect (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the connect (YYYY-MM-DD)
   Group UACC        ==> _______     (None,Read,Update,Control,Alter)
   Group Auth        ==> _______     (None,Use,Create,Connect,Join)

                           Group Connect Attributes:
        ADSP        ==> _    Auditor     ==> _    GRPACC      ==> _
        Special     ==> _    Operations  ==> _    TERMUACC    ==> _



           Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Set a Revoke Date on a Connect

Perform the following steps to issue the equivalency of a RACF CONNECT <*userid*> GROUP(<*group*>) REVOKE(<*date*>) command:

1. Enter the <userid> into the USERID field.
2. Enter ‘C’ in the Request Type field.
3. Enter a <group> in the Connect Group field.
4. Enter a Gregorian <date> in the format of YYYY-MM-DD, that is greater than the current date, in the REVOKE DATE field, and press ENTER.

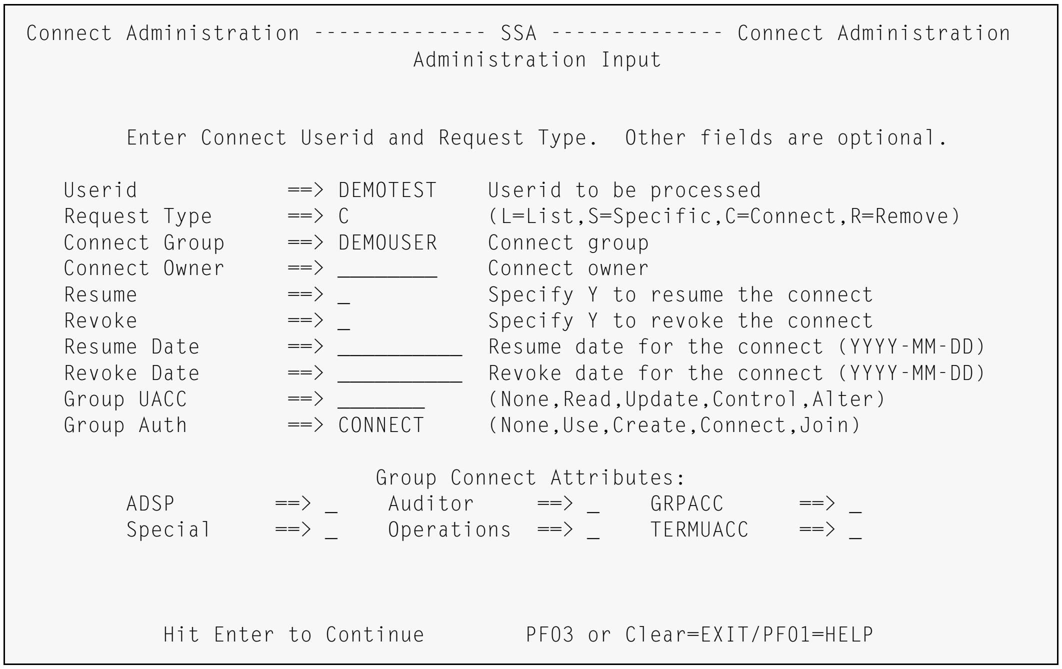


```
Connect Administration ------------- SSA ------------- Connect Administration
                              Administration Input


       Enter Connect Userid and Request Type.  Other fields are optional.

   Userid           ==> DEMOTEST    Userid to be processed
   Request Type     ==> C           (L=List,S=Specific,C=Connect,R=Remove)
   Connect Group    ==> DEMOUSER    Connect group
   Connect Owner    ==> ________    Connect owner
   Resume           ==> _           Specify Y to resume the connect
   Revoke           ==> _           Specify Y to revoke the connect
   Resume Date      ==> __________  Resume date for the connect (YYYY-MM-DD)
   Revoke Date      ==> 1998-05-07  Revoke date for the connect (YYYY-MM-DD)
   Group UACC       ==> _______     (None,Read,Update,Control,Alter)
   Group Auth       ==> _______     (None,Use,Create,Connect,Join)

                           Group Connect Attributes:
        ADSP        ==> _    Auditor     ==> _    GRPACC      ==> _
        Special     ==> _    Operations  ==> _    TERMUACC    ==> _



           Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Change Connect Authority

Perform the following steps to issue the equivalency of a RACF CONNECT <*userid*> GROUP(<*group*>) AUTH(<*auth*>) command:

1. Enter the <userid> into the USERID field.
2. Enter ‘C’ in the Request Type field.
3. Enter a <group> in the Connect Group field.
4. Enter an <auth> value in the Group Auth field, and press ENTER.



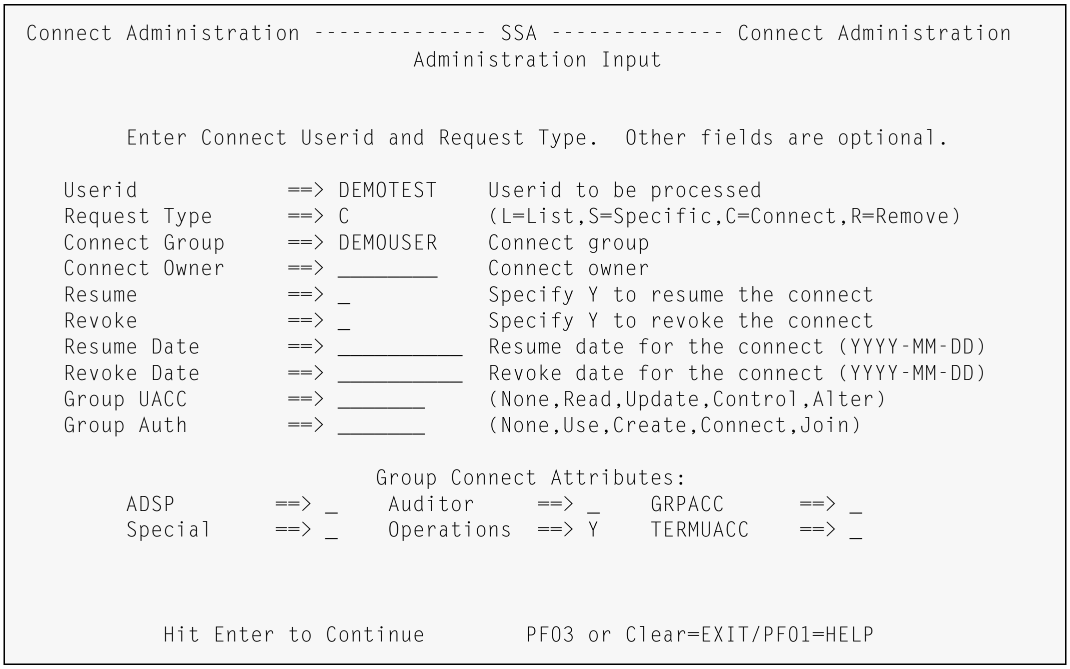
```
Connect Administration -------------- SSA -------------- Connect Administration
                               Administration Input


        Enter Connect Userid and Request Type.  Other fields are optional.

   Userid            ==> DEMOTEST    Userid to be processed
   Request Type      ==> C           (L=List,S=Specific,C=Connect,R=Remove)
   Connect Group     ==> DEMOUSER    Connect group
   Connect Owner     ==> ________    Connect owner
   Resume            ==> _           Specify Y to resume the connect
   Revoke            ==> _           Specify Y to revoke the connect
   Resume Date       ==> __________  Resume date for the connect (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the connect (YYYY-MM-DD)
   Group UACC        ==> _______     (None,Read,Update,Control,Alter)
   Group Auth        ==> CONNECT     (None,Use,Create,Connect,Join)

                            Group Connect Attributes:
        ADSP        ==> _    Auditor     ==> _    GRPACC      ==> _
        Special     ==> _    Operations  ==> _    TERMUACC    ==> _



           Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Set/Remove Connect Attributes

Perform the following steps to issue the equivalency of a RACF CONNECT *<userid>* GROUP(*<group>*) *<attribute>* command:

1. Enter the <userid> into the USERID field.
2. Enter 'C' in the Request Type field.
3. Enter a <group> in the Connect Group field.
4. Enter a 'Y' or 'N' in the appropriate <attribute> field, and press ENTER.

Note: The example below will remove the SPECIAL attribute, if any, and set the AUDITOR attribute.



```
Connect Administration -------------- SSA -------------- Connect Administration
                               Administration Input


        Enter Connect Userid and Request Type.  Other fields are optional.

   Userid            ==> DEMOTEST    Userid to be processed
   Request Type      ==> C           (L=List,S=Specific,C=Connect,R=Remove)
   Connect Group     ==> DEMOUSER    Connect group
   Connect Owner     ==> ________    Connect owner
   Resume            ==> _           Specify Y to resume the connect
   Revoke            ==> _           Specify Y to revoke the connect
   Resume Date       ==> __________  Resume date for the connect (YYYY-MM-DD)
   Revoke Date       ==> __________  Revoke date for the connect (YYYY-MM-DD)
   Group UACC        ==> _______     (None,Read,Update,Control,Alter)
   Group Auth        ==> _______     (None,Use,Create,Connect,Join)

                            Group Connect Attributes:
        ADSP        ==> _    Auditor     ==> _    GRPACC      ==> _
        Special     ==> _    Operations  ==> Y    TERMUACC    ==> _



           Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Connect Administration API Invocation:

All calls to the SSA-CDA API involve calling the API program AAZCLNT with a COMMAREA that is always 32760 (See “ Application Programming Interface” on page 376. The COMMAREA consists of a header that is used for all invocations of the API and then the data for the actual requested function. Below is a table detailing the fields and formats for the Connect Administration SSA-CDA API call:

Field Label	Length	Explanation	Required on Invocation?

CACTION	1	Action requested. The valid values are:
		L = List of connects
		S = Specific connect list
		C = Connect
		R = Remove
			YES

LISTADDR	4	Reserved Field	NO
CUSERID	8	Userid whose connect you are affecting	YES
CGROUP	8	Group whose connection will be affected.	NO, however, if you doing a specific list, connect or remove you must enter this field. It is not required for the list of groups function.
COWNER	8	Userid or group to be made the owner of the connect specified when the request is an add or change.	NO
CUACC	7	UACC level to put on the connect in question. The only acceptable values are: NONE READ UPDATE CONTROL ALTER	NO. The default value is NONE.
CADSP	1	Indicator of request to add the ADSP attribute to the connect when the request is an add or change. Must be ‘Y’ or ‘N”.	NO
CSPEC	1	Indicator of request to add the SPECIAL attribute to the connect when the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPER	1	Indicator of request to add the OPERATIONS attribute to the connect when the request is an add or change. Must be ‘Y’ or ‘N”.	NO
CREVOKE	1	Indicator of request to add the REVOKE attribute to the connect when the request is an add or change. Must be ‘Y’ or ‘N”.	NO

CRESUME	1	Indicator of request to resume the connection. This is only valid for the change request. Must be ‘Y’ or ‘N”.	NO
CGRPACC	1	Indicator of request to add the GRPACC attribute to the connect when the request is an add or change. Must be ‘Y’ or ‘N”.	NO
CTRMUAC	1	Indicator of request to have TERMUACC or NOTERMUACC on the connect when the request is an add or change. Must be ‘Y’ or ‘N”.	NO
CAUDIT	1	Indicator of request to add the AUDIT attribute to the connect when the request is an add or change. Must be ‘Y’ or ‘N”.	NO
CREVDT	10	Revoke date. Format must be YYYY-MM-DD.	NO
CRESDT	10	Resume date. Format must be YYYY-MM-DD.	NO
CAUTH	7	Authority level to put on the connect in question. The only acceptable values are: NONE USE CREATE CONNECT JOIN	NO. The default value is USE.
LUSERID	8	Output field containing the userid whose connect was listed.	NO
LGROUP	8	Output field showing the group whose connect was listed	NO
LDATE	10	Output field showing the connection date. Format is YYYY-MM-DD.	NO
LOWNER	8	Output field showing the profile owner of the connect that was listed.	NO
LLJTIME	8	Output field showing the last connect time of the connect that was listed.	NO
LLJDATE	10	Output field showing the last connect date of the connect that was listed. Format is YYYY-MM-DD.	NO
LUACC	7	Output field showing the UACC level on the connect that was listed.	NO
LINITCT	5	Output field showing the init count on the connect that was listed.	NO
LADSP	1	Output field indicating if the ADSP attribute was on for the connect that was listed.	NO
LSPEC	1	Output field indicating if the SPECIAL attribute was on for the connect that was listed.	NO
LOPER	1	Output field indicating if the OPERATIONS attribute was on for the connect that was listed.	NO

LREVOKE	1	Output field indicating if the REVOKE attribute was on for the connect that was listed.	NO
LRESUME	1	Reserved	NO
LGRPACC	1	Output field indicating if the GRPACC attribute was on for the connect that was listed.	NO
LTRMUAC	1	Output field indicating if the TERMUACC attribute was on for the connect that was listed.	NO
LAUDIT	1	Output field indicating if the AUDITOR attribute was on for the connect that was listed.	NO
LREVDT	10	Output field showing the revoke date on the connect that was listed. Format is YYYY-MM-DD.	NO
LRESDT	10	Output field showing the resume date on the connect that was listed. Format is YYYY-MM-DD.	NO
LAUTH	7	Output field showing the Authority level on the connect that was listed.	NO
LARRAY	Remainder of 32760	If the request was to list the connects a userid has, the list of groups is returned in this area. The groups are returned in 8 character fields with the last entry followed by a single HEX 00.	NO

Connect Administration API Example:

The following Assembler layout sample can be found in member CPYCON in the SSA version 1.3 install library:

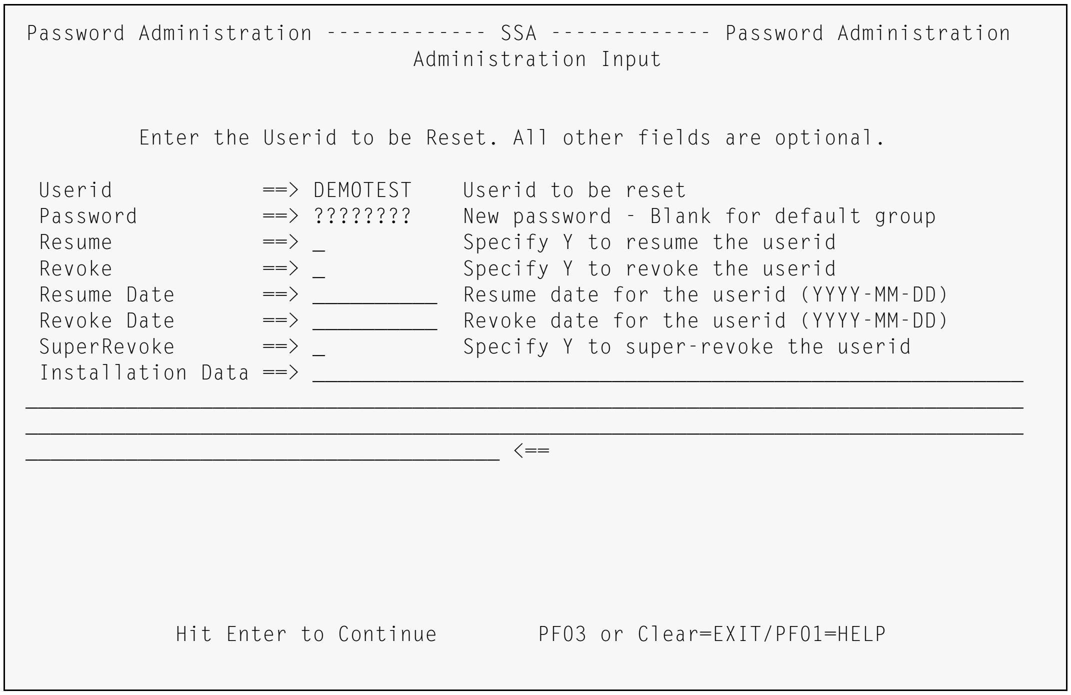
```
**** API HEADER ****
CACTION     DS     CL1        ACTION REQUESTED
LISTADDR    DS     XL4        LIST-OF-GROUPS GETMAIN'D AREA
CUSERID     DS     CL8        USERID
CGROUP      DS     CL8        GROUP
COWNER      DS     CL8        OWNER
CUACC       DS     CL7        UACC
CADSP       DS     CL1        ADSP?
CSPEC       DS     CL1        SPECIAL?
COPER       DS     CL1        OPER?
CREVOKE     DS     CL1        REVOKE?
CRESUME     DS     CL1        RESUME?
CGRPACC     DS     CL1        GRPACC?
CTRMUAC     DS     CL1        TRMUAC?
CAUDIT      DS     CL1        AUDITOR?
CREVDT      DS     CL10       REVOKE DATE?
CRESDT      DS     CL10       RESUME DATE?
CAUTH       DS     CL7        AUTH
*
*        STORAGE AREAS FOR LIST GROUP OUTPUT
*
LISTINFO    DS     0CL99
LUSERID     DS     CL8        USERID
LGROUP      DS     CL8        GROUP
LDATE       DS     CL10       CONNECT DATE
LOWNER      DS     CL8        CONNECT OWNER
LLJTIME     DS     CL8        LAST CONNECT TIME
LLJDATE     DS     CL10       LAST CONNECT DATE
LUACC       DS     CL7        UACC
LINITCT     DS     CL5        INIT COUNT
LADSP       DS     CL1        ADSP?
LSPEC       DS     CL1        SPECIAL?
LOPER       DS     CL1        OPER?
LREVOKE     DS     CL1        REVOKE?
LRESUME     DS     CL1        RESERVED
LGRPACC     DS     CL1        GRPACC?
LTRMUAC     DS     CL1        TRMUAC?
LAUDIT      DS     CL1        AUDITOR?
LREVDT      DS     CL10       REVOKE DATE?
LRESDT      DS     CL10       RESUME DATE?
LAUTH       DS     CL7        AUTH
*
LARRAY      EQU    *          RETURNED LIST OF 8-BYTE GRPS
* THESE WILL BE UNSORTED, FOLLOWED BY A SINGLE X'00' CHAR
*
            ORG    COMMAREA+32760
```

Password Administration Screens

Perform List User

Perform the following steps to issue the equivalency of a RACF List User command (i.e., LU DEMOTEST):

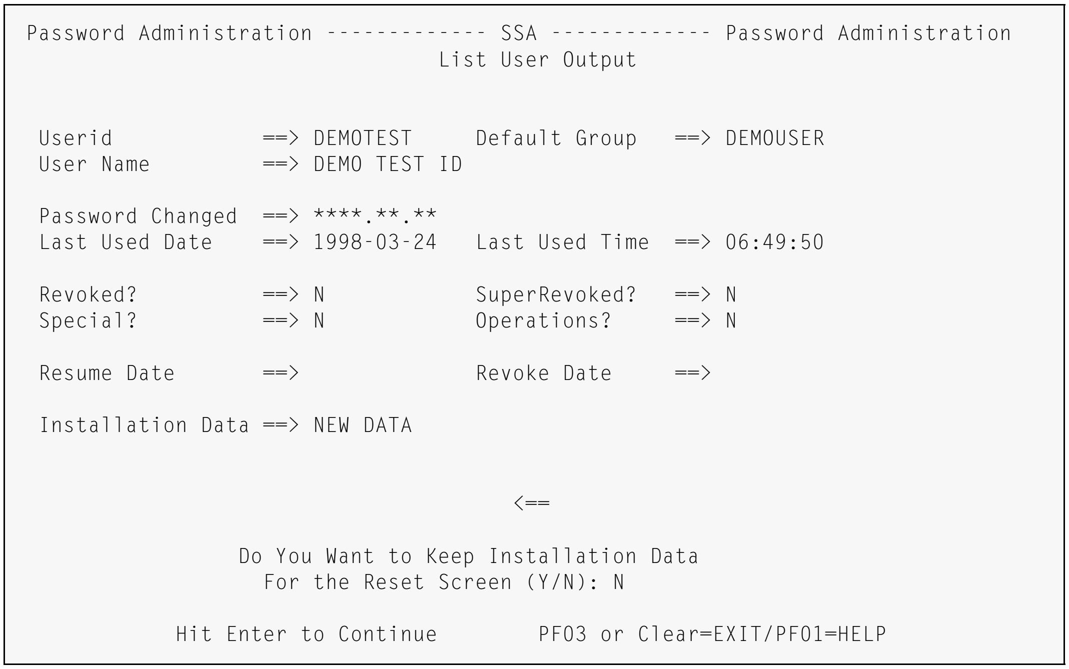
1. Enter the userid in the USERID field and press ENTER.



```
Password Administration ------------- SSA ------------- Password Administration
                              Administration Input


         Enter the Userid to be Reset. All other fields are optional.

 Userid            ==> DEMOTEST    Userid to be reset
 Password          ==> ????????    New password - Blank for default group
 Resume            ==> _           Specify Y to resume the userid
 Revoke            ==> _           Specify Y to revoke the userid
 Resume Date       ==> __________  Resume date for the userid (YYYY-MM-DD)
 Revoke Date       ==> __________  Revoke date for the userid (YYYY-MM-DD)
 SuperRevoke       ==> _           Specify Y to super-revoke the userid
 Installation Data ==> _________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
______________________________________ <==





            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

List User Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



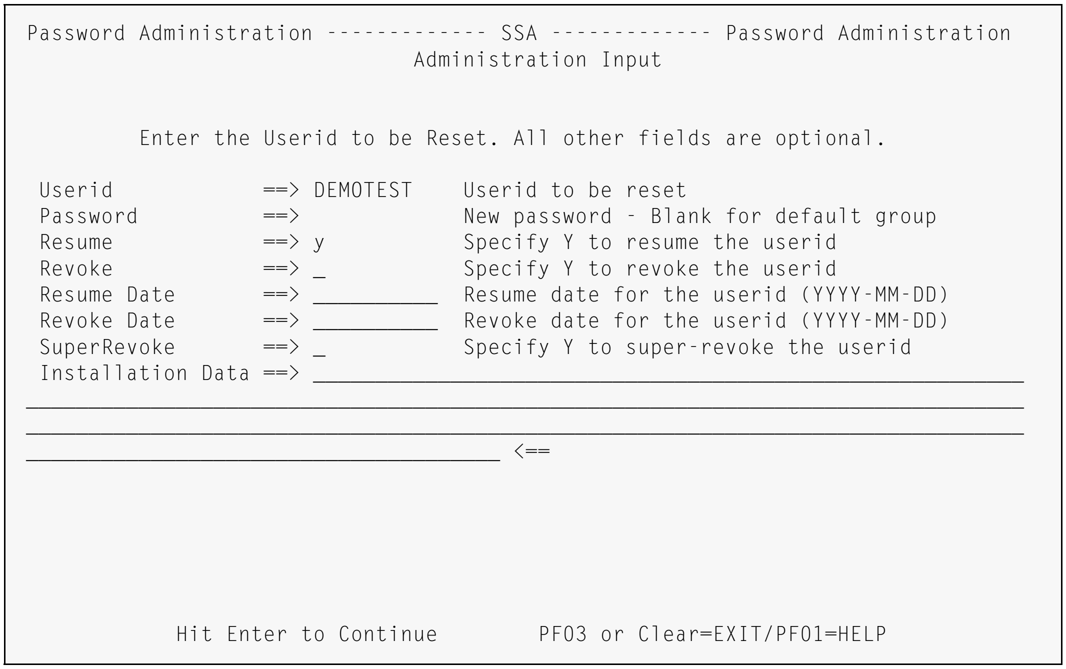
```
Password Administration ------------ SSA ------------ Password Administration
                                 List User Output


 Userid            ==> DEMOTEST     Default Group   ==> DEMOUSER
 User Name         ==> DEMO TEST ID

 Password Changed  ==> ****.**.**
 Last Used Date    ==> 1998-03-24   Last Used Time  ==> 06:49:50

 Revoked?          ==> N            SuperRevoked?   ==> N
 Special?          ==> N            Operations?     ==> N

 Resume Date       ==>              Revoke Date     ==>

 Installation Data ==> NEW DATA


                                       <==

                  Do You Want to Keep Installation Data
                    For the Reset Screen (Y/N): N

             Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Always press ENTER after a List User, or to recover from a message, to return to the Password Administration Main panel.

Set Password to Default Group and Resume User

Perform the following steps to issue the equivalency of a RACF Alter User Resume Password with no password. By not specifying a password, the password is reset to the default group of the userid being reset (i.e., ALTUSER DEMOTEST RESUME PASSWORD):

1. Enter the userid into the USERID field.
2. TAB to the PASSWORD field, depress the EOF (Erase End-Of-Field) key.
3. TAB to the RESUME field, type a 'Y', and press ENTER.



```
Password Administration ------------- SSA ------------- Password Administration
                               Administration Input


         Enter the Userid to be Reset. All other fields are optional.

 Userid            ==> DEMOTEST    Userid to be reset
 Password          ==>             New password - Blank for default group
 Resume            ==> y           Specify Y to resume the userid
 Revoke            ==> _           Specify Y to revoke the userid
 Resume Date       ==> __________  Resume date for the userid (YYYY-MM-DD)
 Revoke Date       ==> __________  Revoke date for the userid (YYYY-MM-DD)
 SuperRevoke       ==> _           Specify Y to super-revoke the userid
 Installation Data ==> _________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
______________________________________ <==






            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process clears the REVOKE flag, the UNSUCCESSFUL LOGON ATTEMPT COUNTER field, the REVOKE and RESUME dates if any, updates the LASTUSED DATE/TIME fields with the current date and time, updates the PASSDATE field with the current Julian date, and changes the PASSWORD field to the password that is the name of the DEFAULT GROUP.

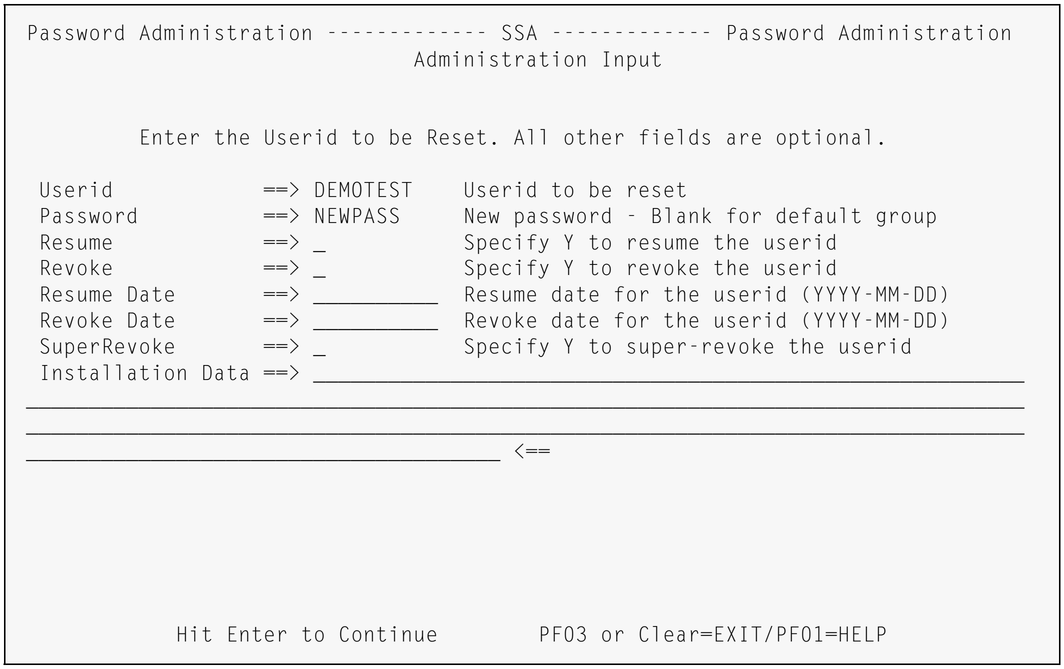
Note: Password Administration handles this request as two separate functions (a Resume and a Password Change) and will produce two RACF Type 80 SMF records.

You can request any combination of Password Administration functions. If the user does not have the correct access level to the SSA.$RESET profile to do any one of the functions the entire request is failed (no partial updates are processed).

Change Password

Perform the following steps to issue the equivalency of a RACF Alter User Password with a password specified (i.e., ALTUSER DEMOTEST PASSWORD(<password>):

1. Enter the userid into the USERID field.
2. TAB to the PASSWORD field, enter the desired password (clear the rest of the field by depressing the EOF (Erase End-Of-Field key), and press ENTER. You can change the Password to the Default Group by depressing the EOF (Erase End-Of-Field) key which clears the Password field, and then press ENTER.



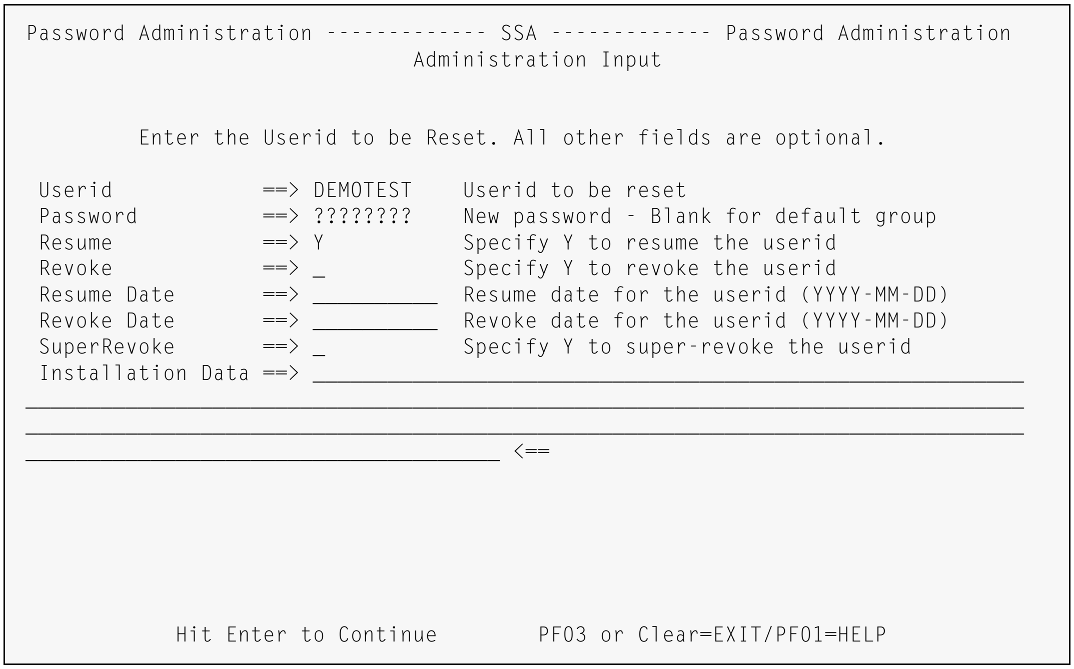
```
Password Administration ------------ SSA ------------ Password Administration
                               Administration Input


         Enter the Userid to be Reset. All other fields are optional.

 Userid            ==> DEMOTEST    Userid to be reset
 Password          ==> NEWPASS     New password - Blank for default group
 Resume            ==> _           Specify Y to resume the userid
 Revoke            ==> _           Specify Y to revoke the userid
 Resume Date       ==> __________  Resume date for the userid (YYYY-MM-DD)
 Revoke Date       ==> __________  Revoke date for the userid (YYYY-MM-DD)
 SuperRevoke       ==> _           Specify Y to super-revoke the userid
 Installation Data ==> _________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
______________________________________ <==






            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process updates the PASSDATE field with the current Julian date, changes the PASSWORD field with the specified password, and updates the LAST USED DATE/TIME fields with the current date and time.

Resume a Userid

Perform the following steps to issue the equivalency of a RACF Alter User Resume (i.e., ALTUSER DEMOTEST RESUME):

1. Enter the userid into the USERID field.
2. TAB to the RESUME field and enter a Y, and press ENTER.



```
Password Administration ------------ SSA ------------ Password Administration
                               Administration Input


         Enter the Userid to be Reset. All other fields are optional.

 Userid            ==> DEMOTEST    Userid to be reset
 Password          ==> ????????    New password - Blank for default group
 Resume            ==> Y           Specify Y to resume the userid
 Revoke            ==> _           Specify Y to revoke the userid
 Resume Date       ==> __________  Resume date for the userid (YYYY-MM-DD)
 Revoke Date       ==> __________  Revoke date for the userid (YYYY-MM-DD)
 SuperRevoke       ==> _           Specify Y to super-revoke the userid
 Installation Data ==> ________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
______________________________________ <==






            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

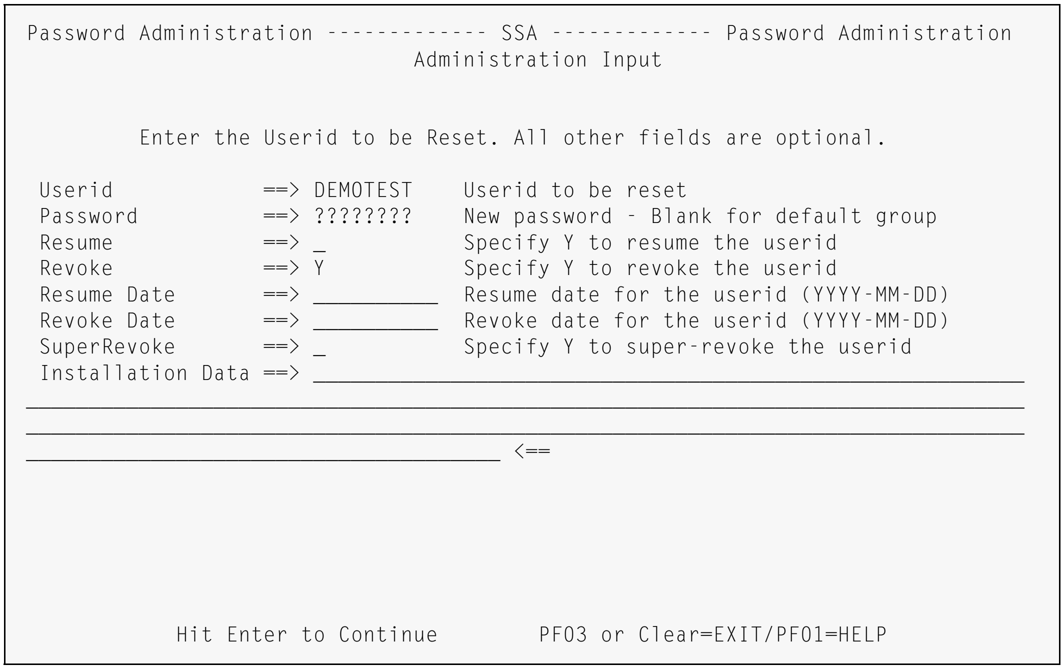
This process clears the REVOKE flag, the UNSUCCESSFUL LOGON ATTEMPT COUNTER field, the REVOKE and RESUME dates if any, and updates the LASTUSED DATE/TIME fields with the current date and time.

This process does not change the password of the userid.

Revoke a Userid

Perform the following steps to issue the equivalency of a RACF Alter User Revoke (i.e., ALTUSER DEMOTEST REVOKE):

1. Enter the userid into the USERID field.
2. TAB to the REVOKE field and enter a Y, and press ENTER.

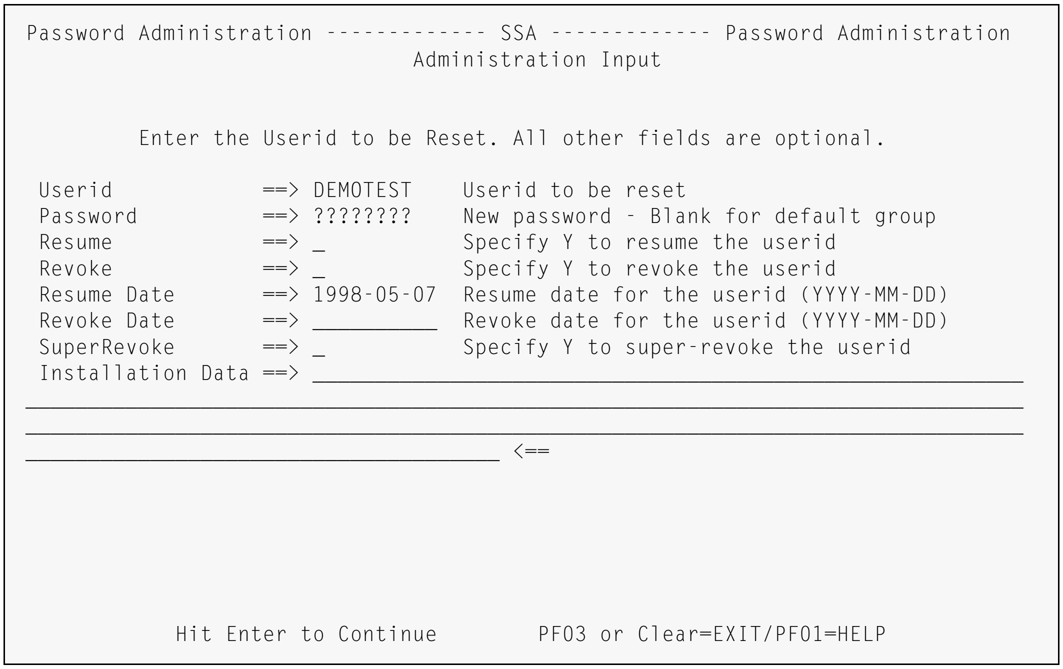


```
Password Administration ------------- SSA ------------- Password Administration
                              Administration Input


         Enter the Userid to be Reset. All other fields are optional.

 Userid            ==> DEMOTEST    Userid to be reset
 Password          ==> ????????    New password - Blank for default group
 Resume            ==> _           Specify Y to resume the userid
 Revoke            ==> Y           Specify Y to revoke the userid
 Resume Date       ==> __________  Resume date for the userid (YYYY-MM-DD)
 Revoke Date       ==> __________  Revoke date for the userid (YYYY-MM-DD)
 SuperRevoke       ==> _           Specify Y to super-revoke the userid
 Installation Data ==> _________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
______________________________________ <==





            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process sets the REVOKE flag, and clears the REVOKE and RESUME dates if any. This process does not change the password of the userid

Set a Resume Date

1. Perform the following steps to issue the equivalency of a RACF Alter User Resume with a date (i.e., ALTUSER USERBOB RESUME(<date>):
2. Enter the userid into the USERID field.
3. TAB to the RESUME DATE field and enter a Gregorian date in the format of YYYY-MM-DD, that is greater than the current date, and press ENTER.



```
Password Administration ------------ SSA ------------ Password Administration
                              Administration Input


         Enter the Userid to be Reset. All other fields are optional.

 Userid            ==> DEMOTEST    Userid to be reset
 Password          ==> ????????    New password - Blank for default group
 Resume            ==> _           Specify Y to resume the userid
 Revoke            ==> _           Specify Y to revoke the userid
 Resume Date       ==> 1998-05-07  Resume date for the userid (YYYY-MM-DD)
 Revoke Date       ==> __________  Revoke date for the userid (YYYY-MM-DD)
 SuperRevoke       ==> _           Specify Y to super-revoke the userid
 Installation Data ==> _________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
______________________________________ <==





             Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process updates the RESUME DATE field. This process does not change the password of the userid.

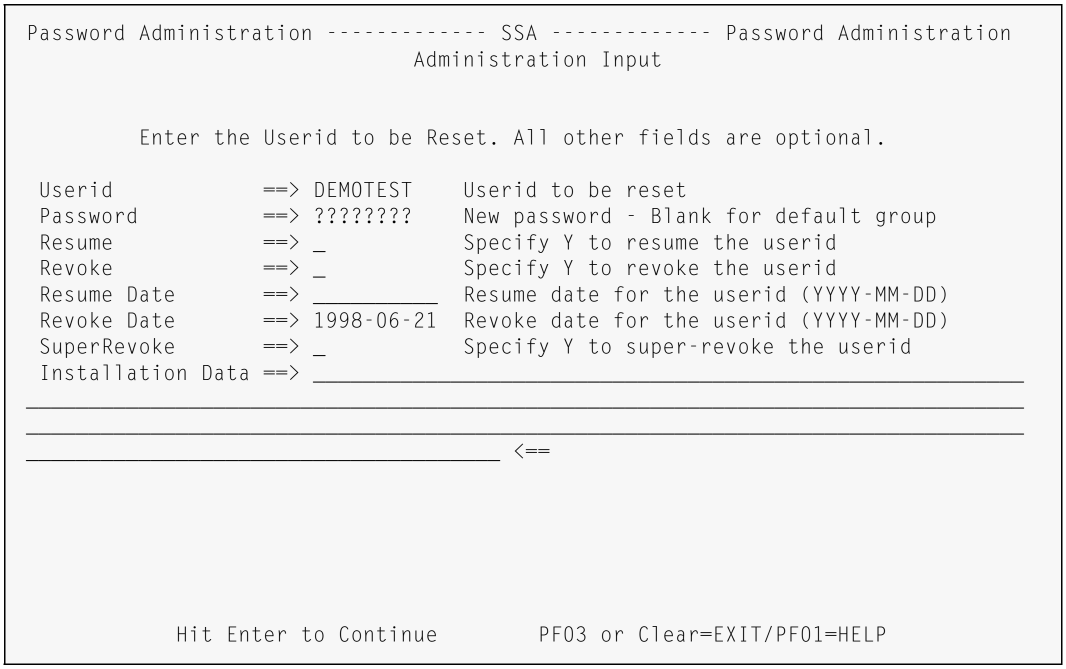
If you specify both RESUME DATE and REVOKE DATE that are the same, the RESUME DATE is ignored and the REVOKE DATE is updated with the date entered.

If there is a REVOKE DATE already set on the userid, and the RESUME DATE entered is the same, the RESUME DATE is ignored and the REVOKE DATE remains the same.

Set a Revoke Date

Perform the following steps to issue the equivalency of a RACF Alter User Revoke with a date (i.e., ALTUSER DEMOTEST REVOKE(<date>):

1. Enter the userid into the USERID field.
2. TAB to the REVOKE DATE field and enter a Gregorian date in the format of YYYY-MM-DD, that is greater than the current date, and press ENTER.



```
Password Administration ------------ SSA ------------ Password Administration
                              Administration Input


         Enter the Userid to be Reset. All other fields are optional.

 Userid            ==> DEMOTEST    Userid to be reset
 Password          ==> ????????    New password - Blank for default group
 Resume            ==> _           Specify Y to resume the userid
 Revoke            ==> _           Specify Y to revoke the userid
 Resume Date       ==> __________  Resume date for the userid (YYYY-MM-DD)
 Revoke Date       ==> 1998-06-21  Revoke date for the userid (YYYY-MM-DD)
 SuperRevoke       ==> _           Specify Y to super-revoke the userid
 Installation Data ==> _________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
______________________________________ <==






            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process updates the REVOKE DATE field. This process does not change the password of the userid.

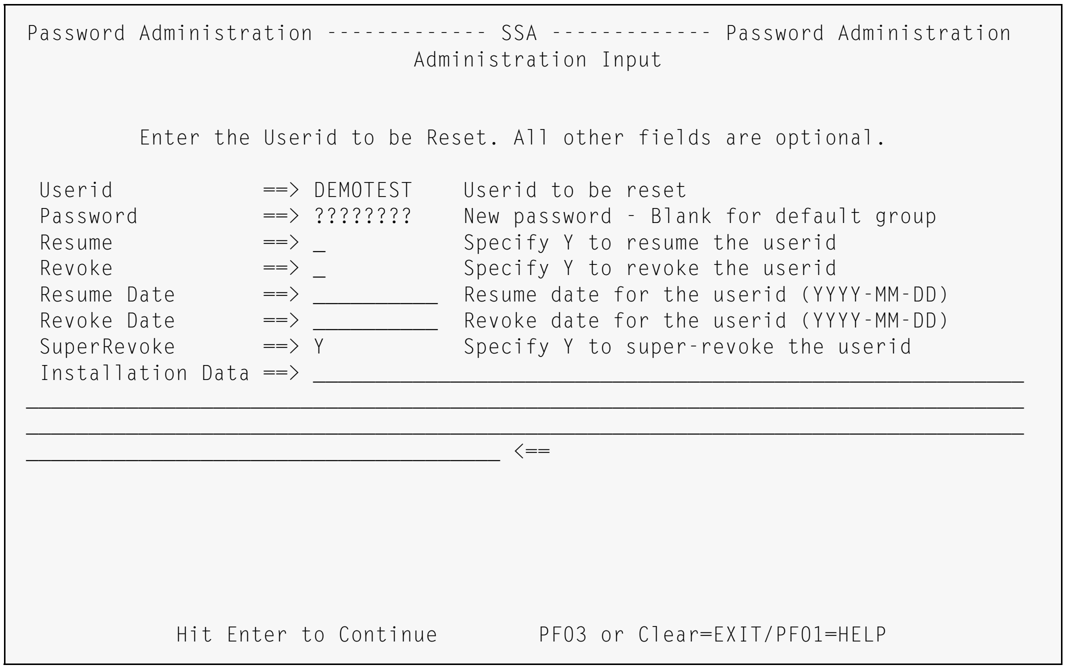
If you specify both RESUME DATE and REVOKE DATE that are the same, the RESUME DATE is ignored and the REVOKE DATE is updated with the date entered.

If there is a RESUME DATE already set on the userid, and the REVOKE DATE entered is the same, the RESUME DATE is cleared and the REVOKE DATE is updated with the date entered.

Set SuperRevoke

Perform the following steps to issue a Password Administration SuperRevoke. This will prevent users from using Password Administration functions unless they have ALTER access to the appropriate SSA.$RESET.<*group*> profile or the userid is removed from the SuperRevoke group $SREVOKE:

1. Enter the userid into the USERID field.
2. TAB to the SuperRevoke field, type a 'Y', and press ENTER.



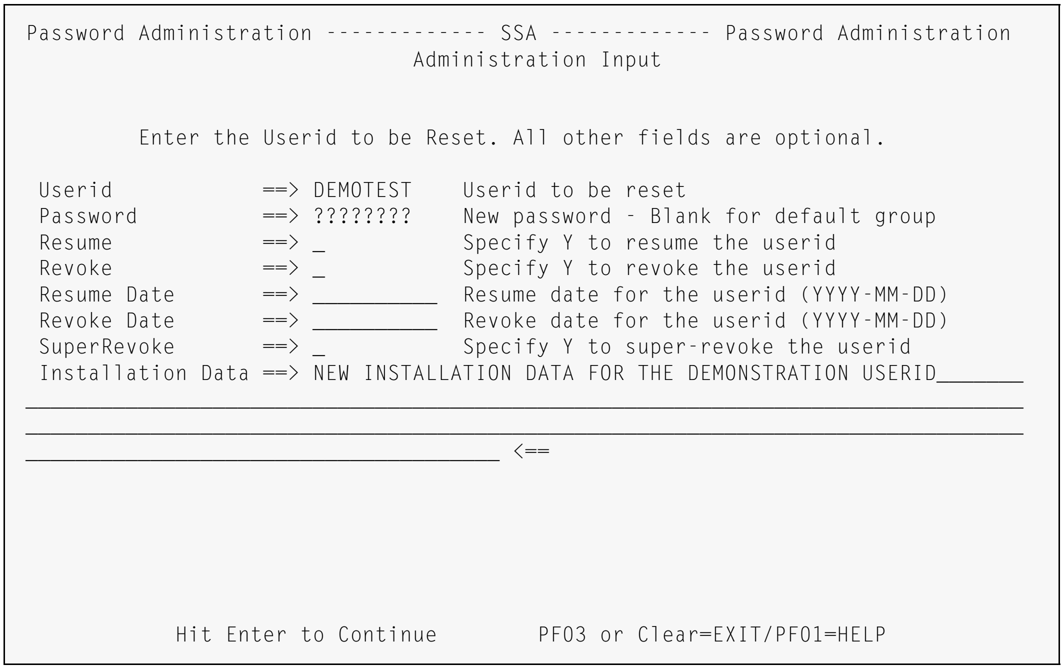
```
Password Administration ------------- SSA ------------- Password Administration
                               Administration Input


         Enter the Userid to be Reset. All other fields are optional.

 Userid            ==> DEMOTEST    Userid to be reset
 Password          ==> ????????    New password - Blank for default group
 Resume            ==> _           Specify Y to resume the userid
 Revoke            ==> _           Specify Y to revoke the userid
 Resume Date       ==> __________  Resume date for the userid (YYYY-MM-DD)
 Revoke Date       ==> __________  Revoke date for the userid (YYYY-MM-DD)
 SuperRevoke       ==> Y           Specify Y to super-revoke the userid
 Installation Data ==> _________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
______________________________________ <==






            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process sets the REVOKE flag, and connects the user to the SuperRevoke group $SREVOKE. This process does not change the password of the userid.

Add/Replace User Installation Data

Perform the following steps to add or replace installation data for the specified user:

1. Enter the userid into the USERID field.
2. TAB to the Installation Data field, type in data, and press ENTER.



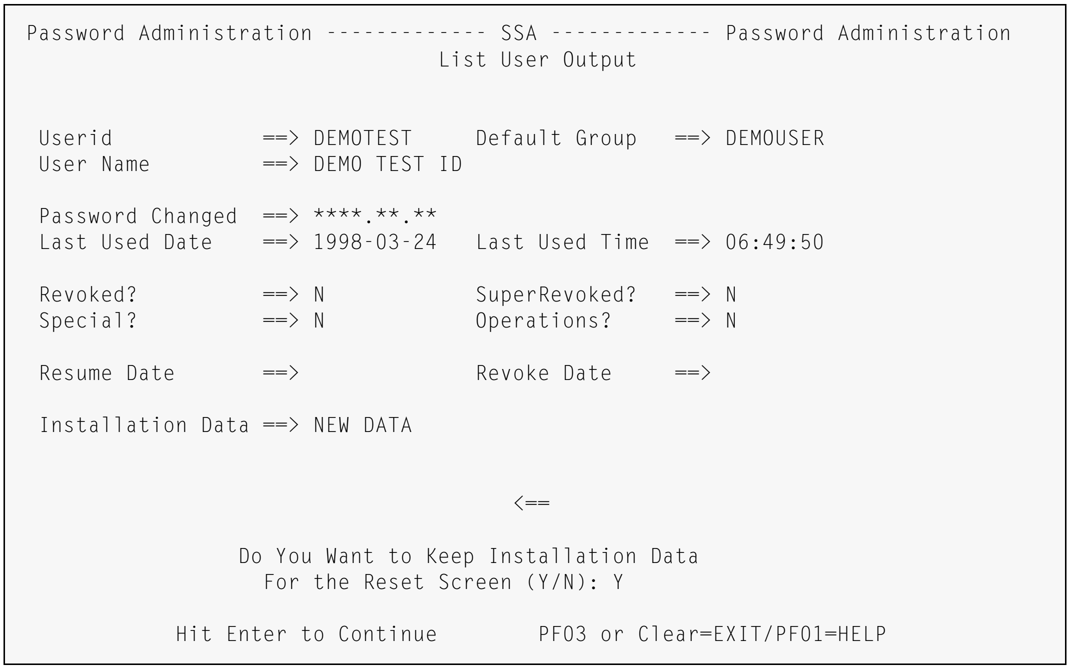
```
Password Administration ------------- SSA ------------- Password Administration
                              Administration Input


         Enter the Userid to be Reset. All other fields are optional.

 Userid            ==> DEMOTEST    Userid to be reset
 Password          ==> ????????    New password - Blank for default group
 Resume            ==> _           Specify Y to resume the userid
 Revoke            ==> _           Specify Y to revoke the userid
 Resume Date       ==> __________  Resume date for the userid (YYYY-MM-DD)
 Revoke Date       ==> __________  Revoke date for the userid (YYYY-MM-DD)
 SuperRevoke       ==> _           Specify Y to super-revoke the userid
 Installation Data ==> NEW INSTALLATION DATA FOR THE DEMONSTRATION USERID_______
________________________________________________________________________________
________________________________________________________________________________
______________________________________ <==






            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process updates the Installation Data field. This process does not change the password of the userid

Update Existing User Installation Data

Perform the following steps to add or replace installation data for the specified user:

1. Enter the userid into the USERID field and press ENTER.
2. TAB to the Keep Installation Data field, type a 'Y', and press ENTER.
3. TAB to the Installation Data field, type in changes to data, and press ENTER.



```
Password Administration ------------ SSA ------------ Password Administration
                                 List User Output


 Userid            ==> DEMOTEST     Default Group   ==> DEMOUSER
 User Name         ==> DEMO TEST ID

 Password Changed  ==> ****.**.**
 Last Used Date    ==> 1998-03-24   Last Used Time  ==> 06:49:50

 Revoked?          ==> N            SuperRevoked?   ==> N
 Special?          ==> N            Operations?     ==> N

 Resume Date       ==>              Revoke Date     ==>

 Installation Data ==> NEW DATA


                                       <==

                 Do You Want to Keep Installation Data
                   For the Reset Screen (Y/N): Y

            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

When you specify 'Y' to Keep Installation Data, the installation data will be passed back to the Input Screen.

This process updates the Installation Data field. This process does not change the password of the userid.

Password Administration API Invocation:

All calls to the SSA-CDA API involve calling the API program AAZCLNT with a COMMAREA that is always 32760 in length (See “ Application Programming Interface” on page 376). The COMMAREA consists of a header that is used for all invocations of the API and then the data for the actual requested function. Below is a table detailing the fields and formats for the Password Administration SSA-CDA API call:

Field Label	Length	Explanation	Required on Invocation?
CUSERID	8	Userid to be affected.	YES
CPSWD	8	Value to reset password on userid specified.	NO
CRESUME	1	Decision to issue RESUME on userid specified. Must be ‘Y’ or ‘N’. Can not be ‘Y’ if CREVOKE is ‘Y’.	NO
CREVOKE	1	Decision to issue REVOKE on userid specified. Must be ‘Y’ or ‘N”. Can not be ‘Y’ if CRESUME is ‘Y’.	NO
CRESDT	10	Resume date. Format must be YYYY-MM-DD and must be a date that is in the future.	NO
CREVDT	10	Revoke date. Format must be YYYY-MM-DD and must be a date that is in the future.	NO
CSUPRV	1	Request to SuperRevoke the userid specified.	NO
CINSTL	255	Data to update installation data field on userid specified.	NO
LUSERID	8	Output field indicating userid that was listed	NO
LNAME	20	Output field showing name of userid that was listed	NO
LDFLTGP	8	Output field showing the default group of the userid that was listed	NO
LLCHGDT	10	Output field showing the date the password was updated on the userid that was listed. Format is YYYY-MM-DD.	NO
LLACCDT	10	Output field showing the last accessed date on the userid that was listed. Format is YYYY-MM-DD.	NO
LLACCTM	8	Output field showing the last accessed time on the userid that was listed. Format is HH:MM.SS	NO
LREVOKE	1	Output field indicating whether or not the listed userid is revoked	NO
LSPEC	1	Output field indicating whether or not the listed userid has global special	NO
LOPER	1	Output field indicating whether or not the listed userid has global operation.	NO
LRESDT	10	Output field showing the resume date if any that is set on the userid listed	NO

LREVDT	10	Output field showing the revoke date if any that is set on the userid listed.	NO
LSUPRV	1	Output field indicating whether or not the userid listed is SuperRevoked	NO
LINSTL	255	Output field containing the installation data of the userid listed.	NO
LQINST	1	Reserved	NO

Password Administration API Example:

The following Assembler layout sample can be found in member CPYPWA of the SSA version 1.3 install library:

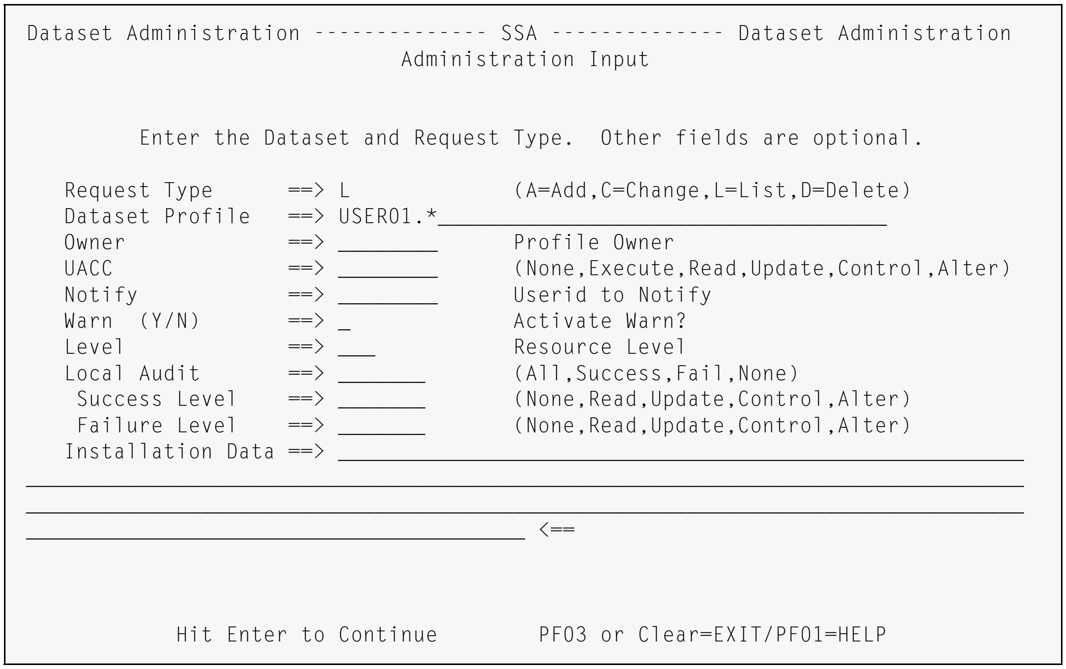
```
**** API HEADER ****
CUSERID     DS     CL8        USERID
CPSWD       DS     CL8        NEW PASSWORD
CRESUME     DS     CL1        RESUME?
CREVOKE     DS     CL1        REVOKE?
CRESDT      DS     CL10       RESUME DATE?
CREVDT      DS     CL10       REVOKE DATE?
CSUPRV      DS     CL1        SUPER-REVOKE?
CINSTL      DS     CL255      NEW INSTALLATION DATA
*
*         LIST USER OUTPUT FIELDS
*
LUSERID     DS     CL8        CURRENT USERID
LNAME       DS     CL20       CURRENT NAME
LDFLTGP     DS     CL8        CURRENT DEFAULT GROUP
LLCHGDT     DS     CL10       CURRENT PASSWORD DATE CHANGE
LLACCDT     DS     CL10       CURRENT LAST ACCESS DATE
LLACCTM     DS     CL8        CURRENT LAST ACCESS TIME
LREVOKE     DS     CL1        REVOKED = Y OR N
LSPEC       DS     CL1        SPECIAL = Y OR N
LOPER       DS     CL1        OPERATIONS = Y OR N
LRESDT      DS     CL10       CURRENT RESUME DATE
LREVDT      DS     CL10       CURRENT REVOKE DATE
LSUPRV      DS     CL1        SUPER-REVOKE
LINSTL      DS     CL255      CURRENT INSTALLATION DATA
LQINST      DS     CL1        RESERVED
            ORG    COMMAREA+32760
```

Dataset Administration Screens

Perform List Dataset Profile

Perform the following steps to issue the equivalency of a RACF List Dataset command (i.e., LD DA() GEN):

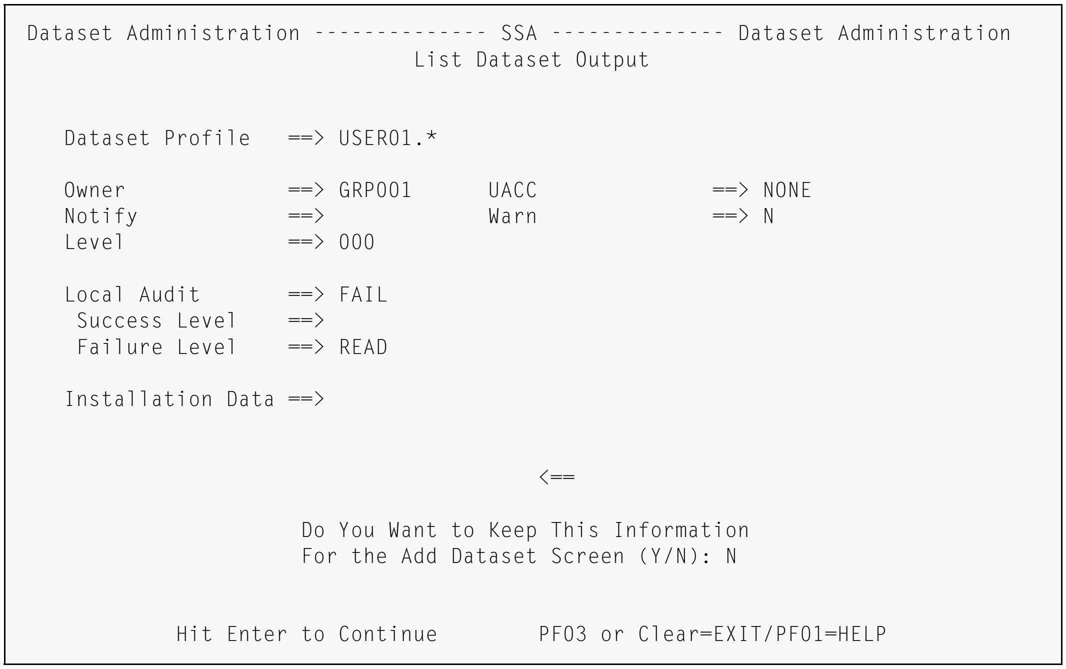
1. Enter ‘L’ in the Request Type field.
2. Enter the dataset profile in the Dataset Profile field and press ENTER.



```
Dataset Administration ------------- SSA ------------- Dataset Administration
                              Administration Input


         Enter the Dataset and Request Type.  Other fields are optional.

   Request Type      ==> L             (A=Add,C=Change,L=List,D=Delete)
   Dataset Profile   ==> USER01.*____________________________________
   Owner             ==> ________      Profile Owner
   UACC              ==> ________      (None,Execute,Read,Update,Control,Alter)
   Notify            ==> ________      Userid to Notify
   Warn  (Y/N)       ==> _             Activate Warn?
   Level             ==> ___           Resource Level
   Local Audit       ==> _______       (All,Success,Fail,None)
    Success Level    ==> _______       (None,Read,Update,Control,Alter)
    Failure Level    ==> _______       (None,Read,Update,Control,Alter)
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==



            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

List Dataset Profile Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



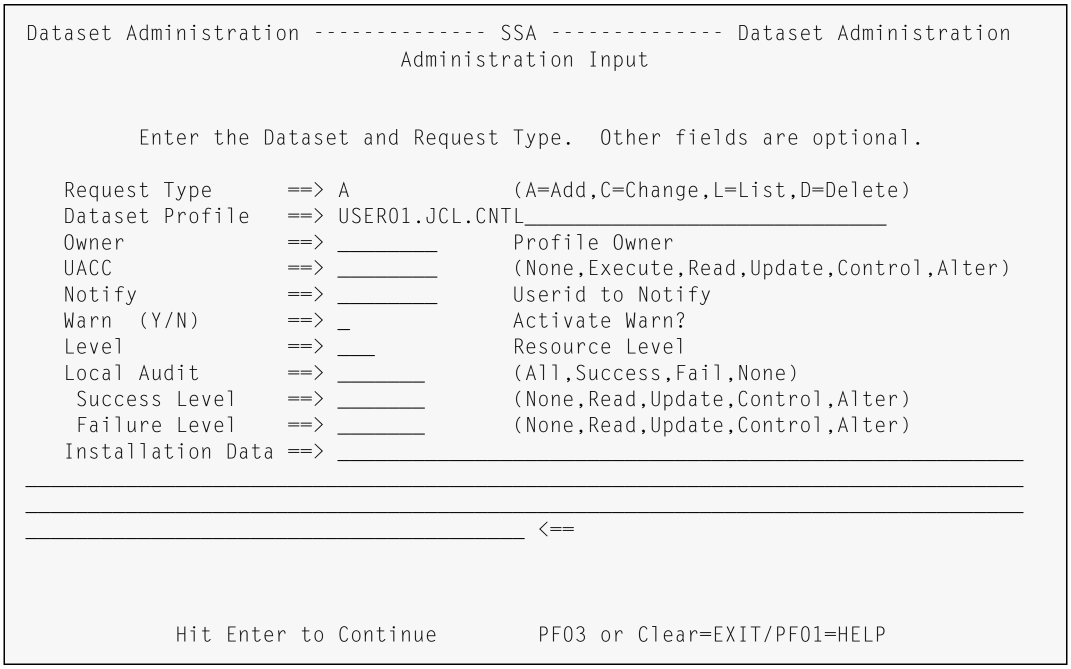
```
Dataset Administration ------------- SSA ------------- Dataset Administration
                               List Dataset Output


   Dataset Profile   ==> USER01.*

   Owner             ==> GRP001      UACC              ==> NONE
   Notify            ==>             Warn              ==> N
   Level             ==> 000

   Local Audit       ==> FAIL
    Success Level    ==>
    Failure Level    ==> READ

   Installation Data ==>


                                         <==

                      Do You Want to Keep This Information
                      For the Add Dataset Screen (Y/N): N


            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Always press ENTER after a List Dataset Profile, or to recover from a message, to return to the Dataset Administration Main panel.

Add Dataset Profile

Perform the following steps to issue the equivalency of a RACF Add Dataset Profile command (i.e., ADDSD ‘USER01.JCL.CNTL’ GEN):

1. Enter ‘A’ into the Request Type field
2. TAB to the Dataset Profile field, type in the dataset profile you want to add, and press ENTER.



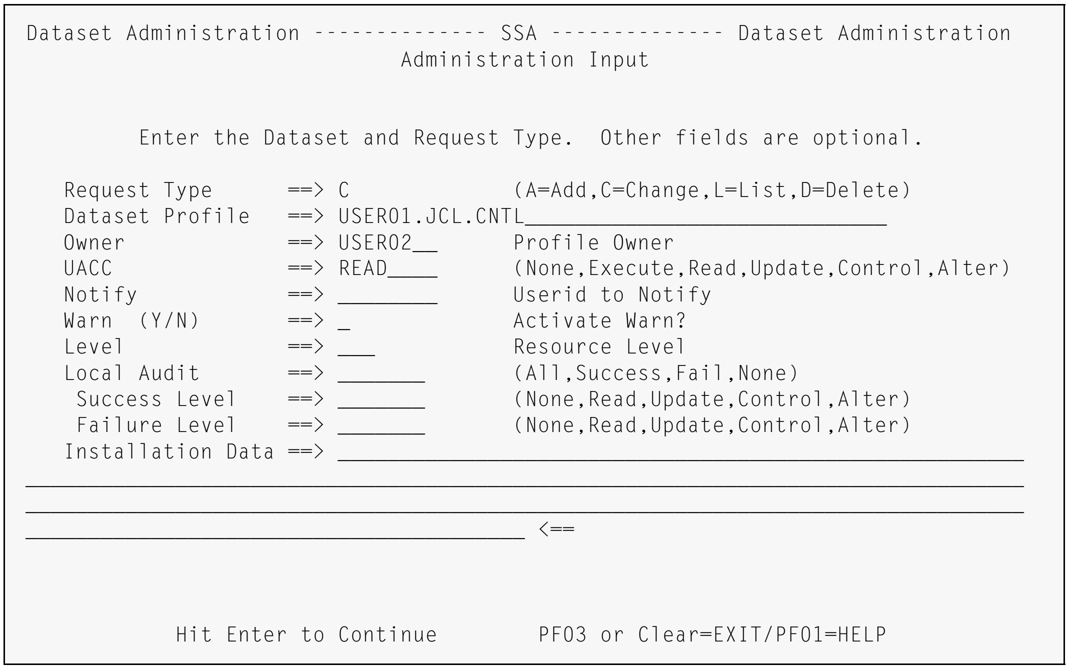
```
Dataset Administration ------------- SSA ------------- Dataset Administration
                              Administration Input


         Enter the Dataset and Request Type.  Other fields are optional.

   Request Type      ==> A             (A=Add,C=Change,L=List,D=Delete)
   Dataset Profile   ==> USER01.JCL.CNTL_____________________________
   Owner             ==> ________      Profile Owner
   UACC              ==> ________      (None,Execute,Read,Update,Control,Alter)
   Notify            ==> ________      Userid to Notify
   Warn  (Y/N)       ==> _             Activate Warn?
   Level             ==> ___           Resource Level
   Local Audit       ==> _______       (All,Success,Fail,None)
    Success Level    ==> _______       (None,Read,Update,Control,Alter)
    Failure Level    ==> _______       (None,Read,Update,Control,Alter)
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==



            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process adds the specified dataset profile. All other fields are optional. The default values for optional fields if not specified are: The Owner field defaults to the Userid of person issuing the add profile, UACC defaults to None, Local Audit defaults to Fail, Failure Level defaults to Read, Warn defaults to N, Level defaults to 000, and all other fields default to blanks.

Change Dataset Profile

Perform the following steps to issue the equivalency of a RACF Alter Dataset Profile (i.e., ALTDSD ‘USER01.JCL.CNTL’ GEN OW(USER02) UACC(READ)):

1. Enter ‘C’ into the Request Type field
2. TAB to the Dataset Profile field, type in the dataset profile you want to change
3. TAB to the Owner field and type in the new owner
4. TAB to the UACC field and type in the new UACC level, and press ENTER.



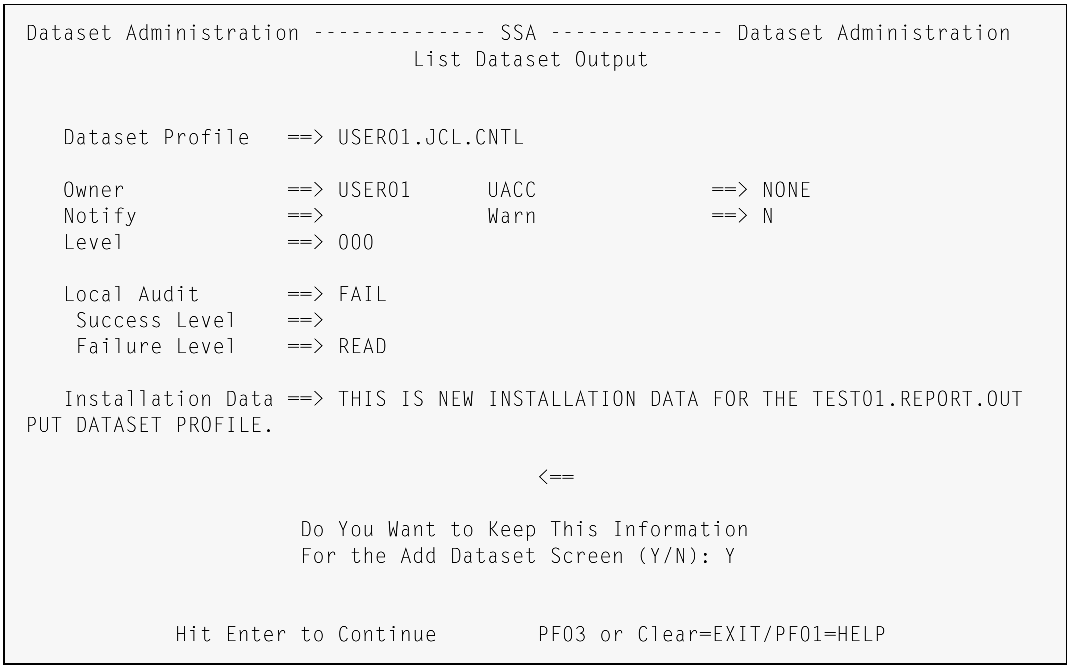
```
Dataset Administration -------------- SSA -------------- Dataset Administration
                              Administration Input


         Enter the Dataset and Request Type.  Other fields are optional.

   Request Type      ==> C             (A=Add,C=Change,L=List,D=Delete)
   Dataset Profile   ==> USER01.JCL.CNTL_____________________________
   Owner             ==> USER02__      Profile Owner
   UACC              ==> READ____      (None,Execute,Read,Update,Control,Alter)
   Notify            ==> ________      Userid to Notify
   Warn  (Y/N)       ==> _             Activate Warn?
   Level             ==> ___           Resource Level
   Local Audit       ==> _______       (All,Success,Fail,None)
    Success Level    ==> _______       (None,Read,Update,Control,Alter)
    Failure Level    ==> _______       (None,Read,Update,Control,Alter)
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________ <==



            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process changes the specified dataset profile. At least one of the other fields is required. All other fields are optional. No fields are updated unless specified.

Update Existing Dataset Profile Information

Perform the following steps to update existing information for the specified dataset profile:

1. Enter ‘L’ as the request type to list the dataset profile.
2. TAB to the dataset profile field and Enter the dataset profile and press ENTER.
3. TAB to the Do You Want to Keep This Information For the Add Dataset Screen field, type a 'Y', and press ENTER.
4. TAB to any appropriate field, type in changes, and press ENTER.



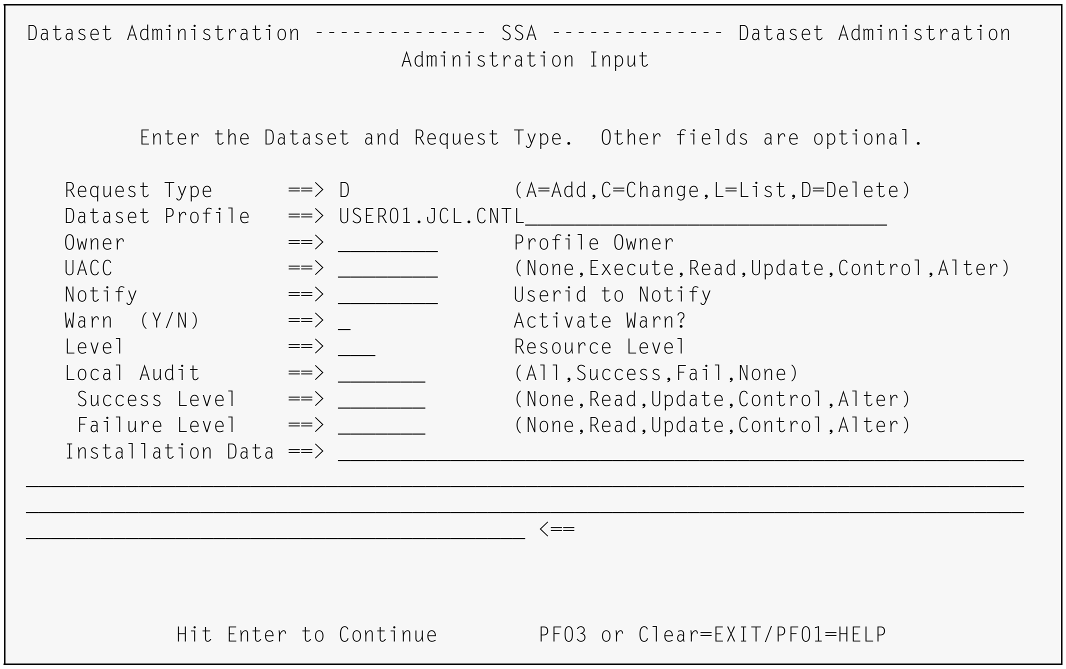
```
Dataset Administration -------------- SSA -------------- Dataset Administration
                              List Dataset Output


   Dataset Profile   ==> USER01.JCL.CNTL

   Owner             ==> USER01      UACC              ==> NONE
   Notify            ==>             Warn              ==> N
   Level             ==> 000

   Local Audit       ==> FAIL
    Success Level    ==>
    Failure Level    ==> READ

   Installation Data ==> THIS IS NEW INSTALLATION DATA FOR THE TEST01.REPORT.OUT
PUT DATASET PROFILE.

                                        <==

                      Do You Want to Keep This Information
                      For the Add Dataset Screen (Y/N): Y


            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

When you specify 'Y' to Do You Want to Keep This Information For the Add Dataset Screen, the Owner, UACC, Warn, Level, Local Audit, Success/Failure Audit Level, and Installation Data will be passed back to the Input Screen.

Delete Dataset Profile

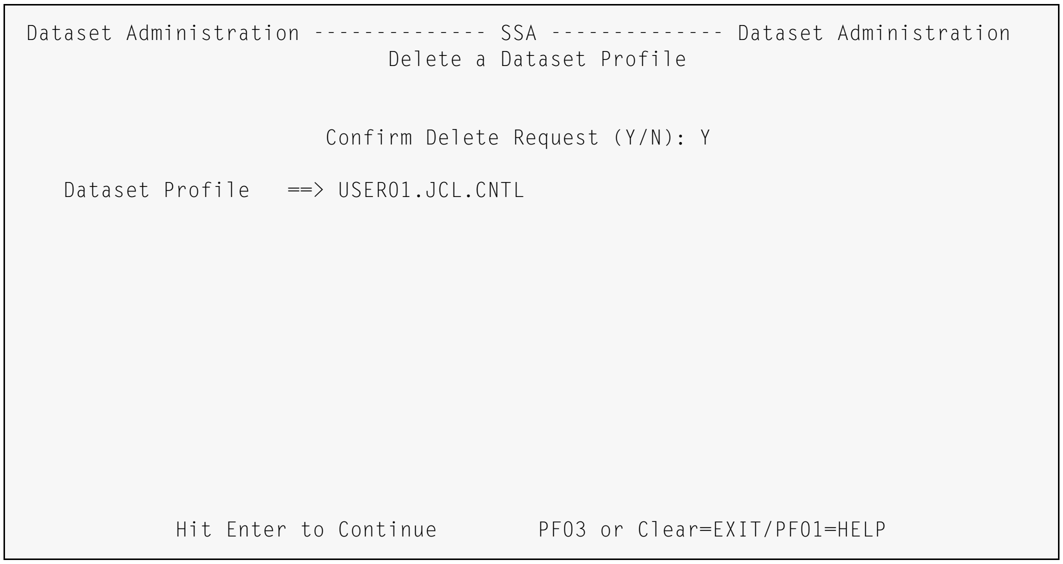
Perform the following steps to issue the equivalency of a RACF Delete Dataset Profile command (i.e., DELDSD ‘USER01.JCL.CNTL’ GEN):

1. Enter ‘D’ into the Request Type field
2. TAB to the Dataset Profile field, type in the dataset profile you want to delete, and press ENTER.



```
Dataset Administration -------------- SSA -------------- Dataset Administration
                              Administration Input


         Enter the Dataset and Request Type.  Other fields are optional.

   Request Type      ==> D             (A=Add,C=Change,L=List,D=Delete)
   Dataset Profile   ==> USER01.JCL.CNTL_____________________________
   Owner             ==> ________      Profile Owner
   UACC              ==> ________      (None,Execute,Read,Update,Control,Alter)
   Notify            ==> ________      Userid to Notify
   Warn  (Y/N)       ==> _             Activate Warn?
   Level             ==> ___           Resource Level
   Local Audit       ==> _______       (All,Success,Fail,None)
    Success Level    ==> _______       (None,Read,Update,Control,Alter)
    Failure Level    ==> _______       (None,Read,Update,Control,Alter)
   Installation Data ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________  <==




            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process deletes the specified dataset profile. The following screen is presented to confirm the delete. Change the N to Y and press ENTER.



```
Dataset Administration -------------- SSA -------------- Dataset Administration
                             Delete a Dataset Profile


                        Confirm Delete Request (Y/N): Y

   Dataset Profile   ==> USER01.JCL.CNTL













            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Dataset Administration API Invocation:

All calls to the SSA-CDA API involve calling the API program AAZCLNT with a COMMAREA that is always 32760 in length (See " Application Programming Interface" on page 376. The COMMAREA consists of a header that is used for all invocations of the API and then the data for the actual requested function. Below is a table detailing the fields and formats for the Dataset Administration SSA-CDA API call:

Field Label	Length	Explanation	Required on Invocation?

CACTION	1	Action requested. The valid values are:
		L = List Profile
		A = Add Profile
		C = Change Profile
		D = Delete Profile
			YES

CDSNAM	44	Dataset profile to be affected	YES
COWNER	8	User or group to be made the owner of the dataset profile specified when the request is an add or change.	NO. On add request the default is the Userid issuing request if not specified.
CUACC	8	UACC level for the profile specified when request is add or change. The only acceptable values are: NONE EXECUTE READ UPDATE CONTROL ALTER	NO. The default value is NONE.
CNOTIFY	8	Userid to be notified whenever RACF uses this profile to deny access to a data set.	NO
CWARN	1	Indicator of request to add the WARNING flag that will issue a warning message and allow access to the resource even if access is insufficient. Must be 'Y' or 'N".	NO
CLEVEL	3	Level value for profile specified. The value must be between 000 and 099. The default is 000	NO. The default value is 000.
CAUDIT	7	Indicates what access attempts you want to log on the SMF data set. The only acceptable values are: NONE ALL SUCCESS FAIL	NO. The default value is FAIL.

CAUDOK	7	Indicates what access level you want logged for SUCCESS audit levels. The only acceptable values are: NONE READ UPDATE CONTROL ALTER	NO
CAUDNG	7	Indicates what access level you want logged for FAIL audit levels. The only acceptable values are: NONE READ UPDATE CONTROL ALTER	NO
CPERADD	1	RESERVED	NO
CINSTAD	1	RESERVED	NO
CDFPADD	1	RESERVED	NO
CINSTL	255	Data to update installation data field on the dataset profile specified when the request is an add or change.	NO
LDSNAM	44	Output field profile that was listed	NO
LOWNER	8	Output field showing the owner of the profile that was listed	NO
LUACC	8	Output field showing UACC of the profile that was listed.	NO
LNOTIFY	8	Output field showing the Userid to be notified whenever RACF uses the profile to deny access to a data set.	NO
LWARN	3	Output field indicating whether the Warning flag for the profile is in effect.	NO
LLEVEL	3	Output field showing the level of the profile that was listed	NO
LAUDIT	7	Output field showing what type of auditing is to be in effect for the profile that was listed.	NO
LAUDOK	7	Output field showing what access level will be used for successful auditing.	NO
LAUDNG	7	Output field showing what access level will be used for failure auditing.	NO
LPERADD	1	RESERVED	NO
LINSTAD	1	RESERVED	NO
LDFPADD	1	RESERVED	NO
LINSTL	255	Output field showing installation data for the profile that was listed.	NO
LDSNSAV	1	RESERVED	NO

Dataset Administration API Example:

The following Assembler layout sample can be found in member CPYDSA of the SSA version 1.3 install library:

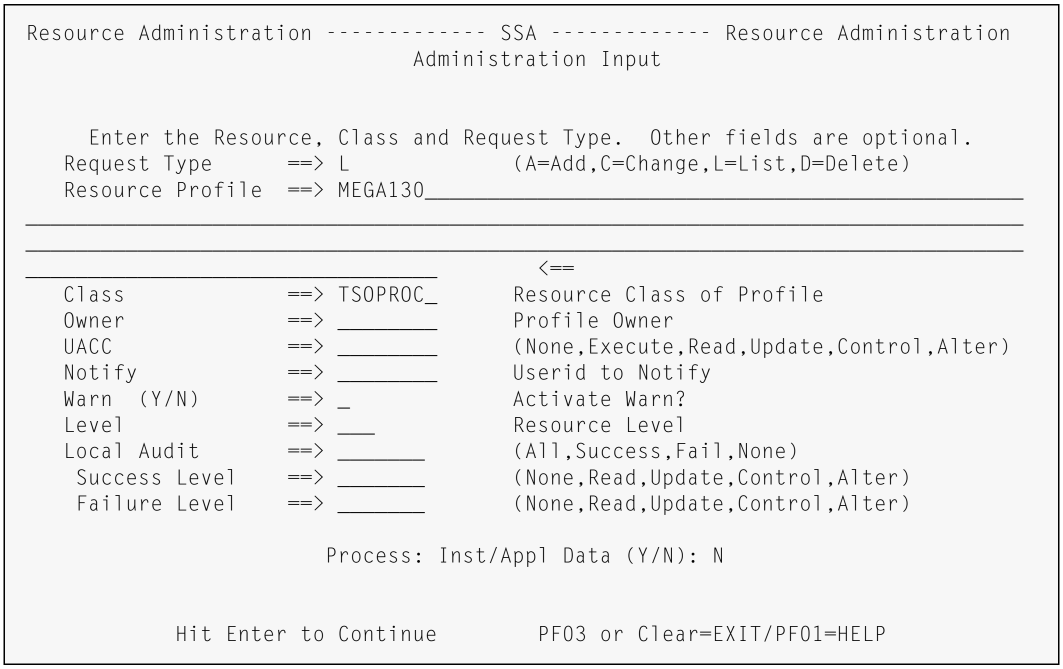
```
**** API HEADER ****
CACTION     DS     CL1        ACTION REQUIRED
CDSNAM      DS     CL44       DATASET PROFILE
COWNER      DS     CL8        OWNER
CUACC       DS     CL8        UACC
CNOTIFY     DS     CL8        NOTIFY
CWARN       DS     CL1        WARN
CLEVEL      DS     CL3        LEVEL
CAUDIT      DS     CL7        AUDIT LEVEL
CAUDOK      DS     CL7        AUDIT SUCCESS ACCESS LEVEL
CAUDNG      DS     CL7        AUDIT FAIL ACCESS LEVEL
CPERADD     DS     CL3        RESERVED
CINSTL      DS     CL255      NEW INSTALLATION DATA
*
LDSNAM      DS     CL44       DATASET
LOWNER      DS     CL8        OWNER
LUACC       DS     CL8        UACC
LNOTIFY     DS     CL8        NOTIFY
LWARN       DS     CL3        WARN
LLEVEL      DS     CL3        LEVEL
LAUDIT      DS     CL7        AUDIT
LAUDOK      DS     CL7        AUDOK
LAUDNG      DS     CL7        AUDNG
LPERADD     DS     CL3        RESERVED
LINSTL      DS     CL255      NEW INSTALLATION DATA
LDSNSAV     DS     CL1        RESERVED
            ORG    COMMAREA+32760
```

Resource Administration Screens

Perform List Resource Profile

Perform the following steps to issue the equivalency of a RACF List Resource command (i.e., RLIST TSOPROC SSA130):

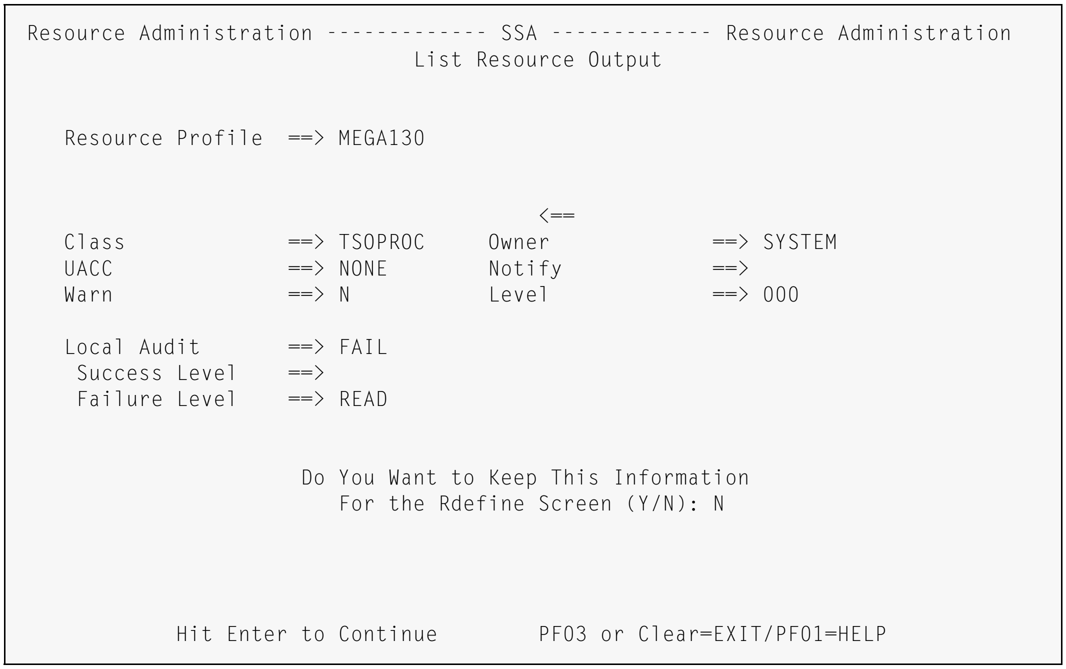
1. Enter ‘L’ in the Request Type field.
2. TAB to the Resource Profile field and enter the resource profile.
3. TAB to the Class field and enter the class name, and press ENTER.



```
Resource Administration ------------- SSA ------------- Resource Administration
                               Administration Input


     Enter the Resource, Class and Request Type.  Other fields are optional.
   Request Type      ==> L             (A=Add,C=Change,L=List,D=Delete)
   Resource Profile  ==> MEGA130________________________________________________
________________________________________________________________________________
________________________________________________________________________________
_________________________________        <==
   Class             ==> TSOPROC_      Resource Class of Profile
   Owner             ==> ________      Profile Owner
   UACC              ==> ________      (None,Execute,Read,Update,Control,Alter)
   Notify            ==> ________      Userid to Notify
   Warn  (Y/N)       ==> _             Activate Warn?
   Level             ==> ___           Resource Level
   Local Audit       ==> _______       (All,Success,Fail,None)
    Success Level    ==> _______       (None,Read,Update,Control,Alter)
    Failure Level    ==> _______       (None,Read,Update,Control,Alter)

                        Process: Inst/Appl Data (Y/N): N


            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

List Resource Profile Display

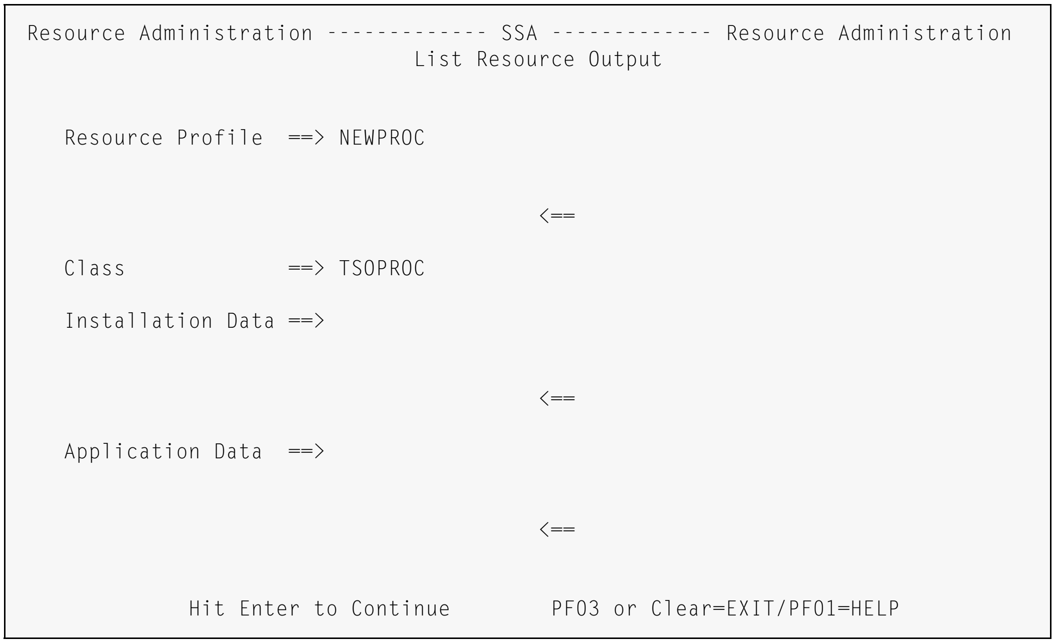
If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



```
Resource Administration ------------ SSA ------------ Resource Administration
                               List Resource Output


   Resource Profile  ==> MEGA130


                                         <==
   Class             ==> TSOPROC     Owner             ==> SYSTEM
   UACC              ==> NONE        Notify            ==>
   Warn              ==> N           Level             ==> 000

   Local Audit       ==> FAIL
    Success Level    ==>
    Failure Level    ==> READ


                      Do You Want to Keep This Information
                         For the Rdefine Screen (Y/N): N




            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Always press ENTER after a List Resource Profile, or to recover from a message, to return to the Resource Administration Main panel.

If the Process: Inst/Appl Data field was set to ‘Y’ (on the initial screen) then the following screen will be displayed as well.

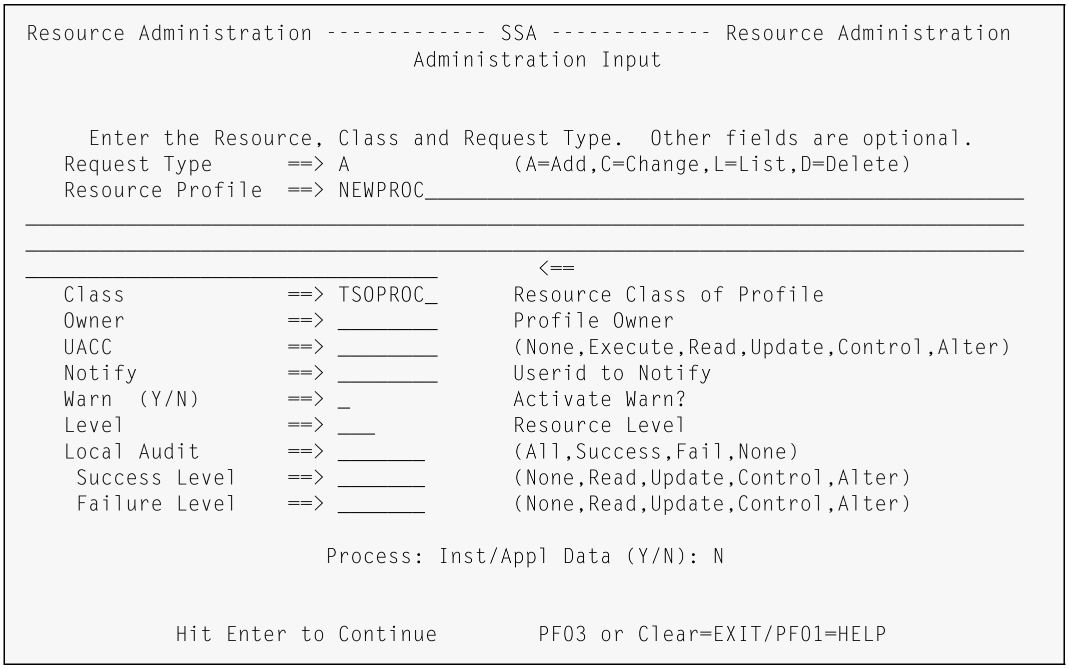


```
Resource Administration ------------ SSA ------------ Resource Administration
                               List Resource Output


   Resource Profile  ==> NEWPROC


                                         <==

   Class             ==> TSOPROC

   Installation Data ==>


                                         <==

   Application Data  ==>


                                         <==


             Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Add Resource Profile

Perform the following steps to issue the equivalency of a RACF Add Resource Profile command (i.e., RDEFINE TSOPROC NEWPROC):

1. Enter ‘A’ into the Request Type field
2. TAB to the Resource Profile field, type in the resource profile you want to add.
3. TAB to the Class field, type in the class name you want to add the resource profile to, and press ENTER.



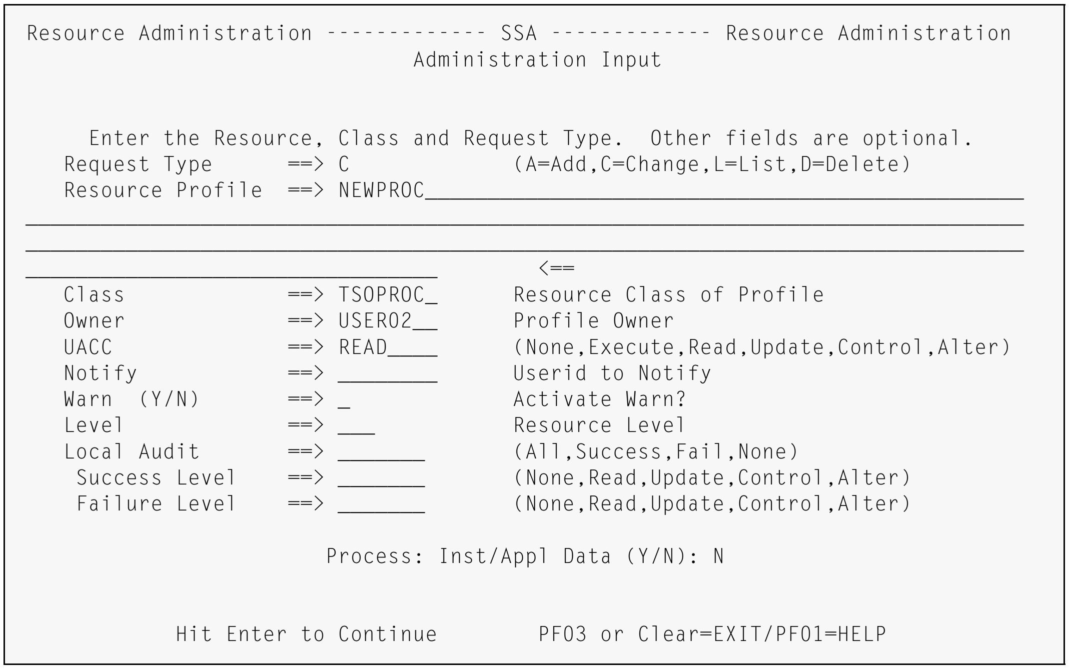
```
Resource Administration ------------- SSA ------------- Resource Administration
                              Administration Input


     Enter the Resource, Class and Request Type.  Other fields are optional.
   Request Type      ==> A             (A=Add,C=Change,L=List,D=Delete)
   Resource Profile  ==> NEWPROC________________________________________________
________________________________________________________________________________
________________________________________________________________________________
_________________________________          <==
   Class             ==> TSOPROC_      Resource Class of Profile
   Owner             ==> ________      Profile Owner
   UACC              ==> ________      (None,Execute,Read,Update,Control,Alter)
   Notify            ==> ________      Userid to Notify
   Warn  (Y/N)       ==> _             Activate Warn?
   Level             ==> ___           Resource Level
   Local Audit       ==> _______       (All,Success,Fail,None)
    Success Level    ==> _______       (None,Read,Update,Control,Alter)
    Failure Level    ==> _______       (None,Read,Update,Control,Alter)

                        Process: Inst/Appl Data (Y/N): N


            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process adds the specified resource profile. All other fields are optional. The default values for optional fields if not specified are: The Owner field defaults to the Userid of person issuing the add profile, UACC defaults to None, Local Audit defaults to Fail, Failure Level defaults to Read, Warn defaults to N, Level defaults to 000, and all other fields default to blanks.

Change Resource Profile

Perform the following steps to issue the equivalency of a RACF Alter Resource Profile (i.e., RALT TSOPROC NEWPROC OW(USER02) UACC(READ)):

1. Enter ‘C’ into the Request Type field.
2. TAB to the Resource Profile field, type in the resource profile you want to change.
3. TAB to the Class field, and type in the class name.
4. TAB to the Owner field and type in the new owner
5. TAB to the UACC field and type in the new UACC level, and press ENTER.



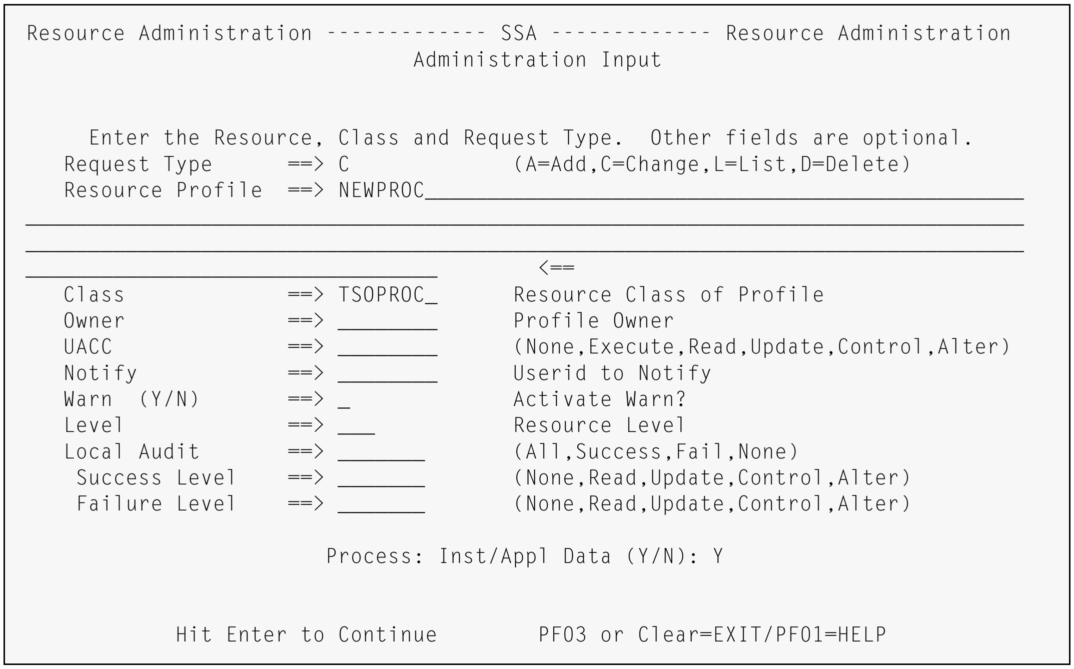
```
Resource Administration ------------- SSA ------------- Resource Administration
                               Administration Input


     Enter the Resource, Class and Request Type.  Other fields are optional.
   Request Type      ==> C             (A=Add,C=Change,L=List,D=Delete)
   Resource Profile  ==> NEWPROC________________________________________________
________________________________________________________________________________
________________________________________________________________________________
_________________________________        <==
   Class             ==> TSOPROC_      Resource Class of Profile
   Owner             ==> USER02__      Profile Owner
   UACC              ==> READ____      (None,Execute,Read,Update,Control,Alter)
   Notify            ==> ________      Userid to Notify
   Warn  (Y/N)       ==> _             Activate Warn?
   Level             ==> ___           Resource Level
   Local Audit       ==> _______       (All,Success,Fail,None)
    Success Level    ==> _______       (None,Read,Update,Control,Alter)
    Failure Level    ==> _______       (None,Read,Update,Control,Alter)

                        Process: Inst/Appl Data (Y/N): N


            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process changes the specified resource profile. At least one of the other fields is required. All other fields are optional. No fields are updated unless specified.

Change Resource Profile – Installation/Application Data

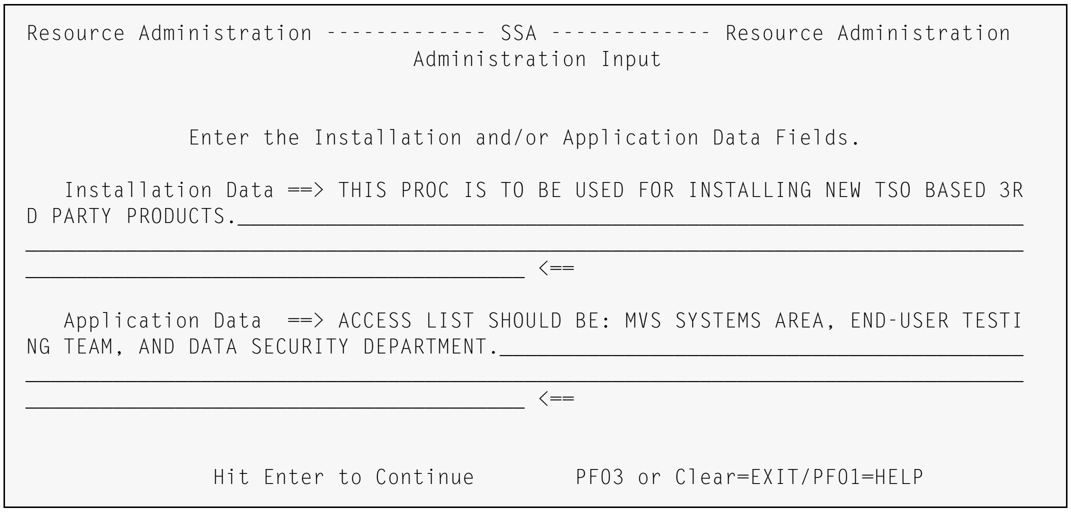
Perform the following steps to issue the equivalency of a RACF Alter Resource Profile (i.e., RALT TSOPROC NEWPROC APPL(‘’) DATA(‘’)):

1. Enter ‘C’ into the Request Type field.
2. TAB to Resource Profile field, type in the resource profile you want to change.
3. TAB to the Class field, and type in the class name.
4. TAB to the Process: Inst/Appl Data field and type in ‘Y’, and press ENTER.



```
Resource Administration ------------ SSA ------------ Resource Administration
                              Administration Input


     Enter the Resource, Class and Request Type.  Other fields are optional.
   Request Type      ==> C             (A=Add,C=Change,L=List,D=Delete)
   Resource Profile  ==> NEWPROC_________________________________________________
_________________________________________________________________________________
_________________________________________________________________________________
_________________________________        <==
   Class             ==> TSOPROC_      Resource Class of Profile
   Owner             ==> ________      Profile Owner
   UACC              ==> ________      (None,Execute,Read,Update,Control,Alter)
   Notify            ==> ________      Userid to Notify
   Warn  (Y/N)       ==> _             Activate Warn?
   Level             ==> ___           Resource Level
   Local Audit       ==> _______       (All,Success,Fail,None)
    Success Level    ==> _______       (None,Read,Update,Control,Alter)
    Failure Level    ==> _______       (None,Read,Update,Control,Alter)

                        Process: Inst/Appl Data (Y/N): Y


            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Enter in the data in the appropriate field as shown in the screen below, and press ENTER.

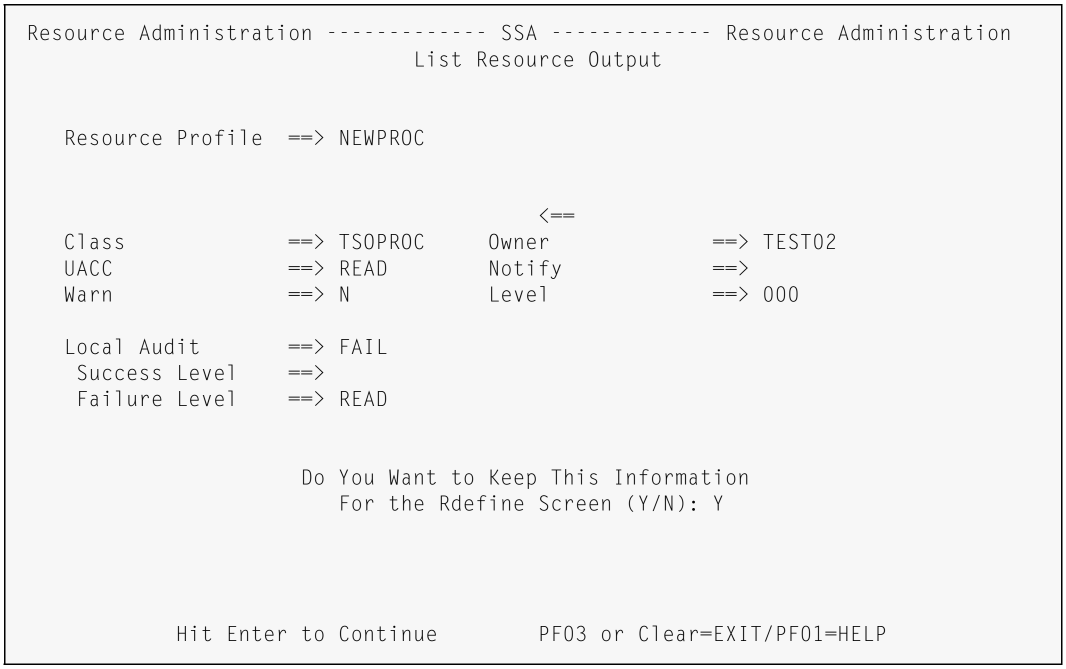


```
Resource Administration ------------ SSA ------------ Resource Administration
                              Administration Input


             Enter the Installation and/or Application Data Fields.

   Installation Data ==> THIS PROC IS TO BE USED FOR INSTALLING NEW TSO BASED 3R
D PARTY PRODUCTS.________________________________________________________________
_________________________________________________________________________________
________________________________________ <==

   Application Data  ==> ACCESS LIST SHOULD BE: MVS SYSTEMS AREA, END-USER TESTI
NG TEAM, AND DATA SECURITY DEPARTMENT.___________________________________________
_________________________________________________________________________________
________________________________________ <==


               Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Update Existing Resource Profile Information

Perform the following steps to update existing information for the specified resource profile:

1. Enter ‘L’ as the request type to list the resource profile.
2. TAB to the resource profile field and Enter the resource profile.
3. TAB to the class field and Enter the class name. If you wish to also include the resource profile’s Installation/Application Data TAB to Process: Inst/Appl Data field and type a ‘Y’
4. Press ENTER.
5. TAB to the Do You Want to Keep This Information For the Add Resource Screen field, type a 'Y', and press ENTER.
6. TAB to any appropriate field, type in changes. If you wish to also include the resource profile’s Installation/Application Data TAB to Process: Inst/Appl Data field and type a ‘Y’ and press ENTER. You will then be presented with the Administration Input screen. TAB to either field, type in changes.
7. Press ENTER.



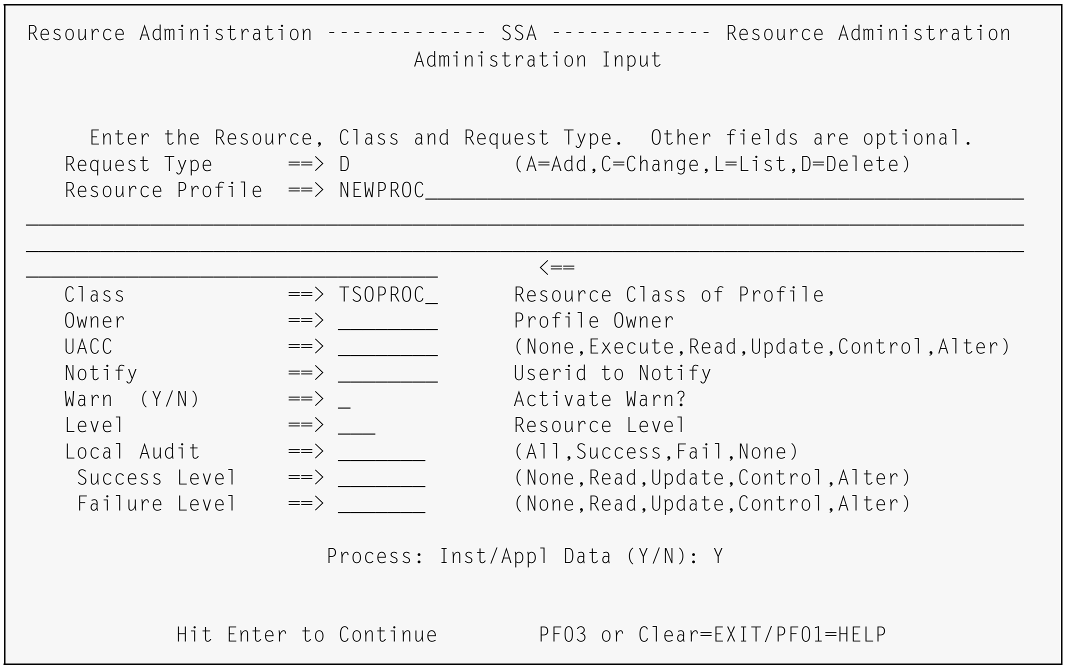
```
Resource Administration ------------ SSA ------------ Resource Administration
                              List Resource Output


   Resource Profile  ==> NEWPROC



                                         <==
   Class             ==> TSOPROC     Owner            ==> TEST02
   UACC              ==> READ        Notify           ==>
   Warn              ==> N           Level            ==> 000

   Local Audit       ==> FAIL
    Success Level    ==>
    Failure Level    ==> READ


                       Do You Want to Keep This Information
                          For the Rdefine Screen (Y/N): Y




            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

When you specify 'Y' to Do You Want to Keep This Information For the Add Resource Screen, the Owner, UACC, Warn, Level, Local Audit, Success/Failure Audit Level, and Installation/Application Data will be passed back to the appropriate screen.

Delete Resource Profile

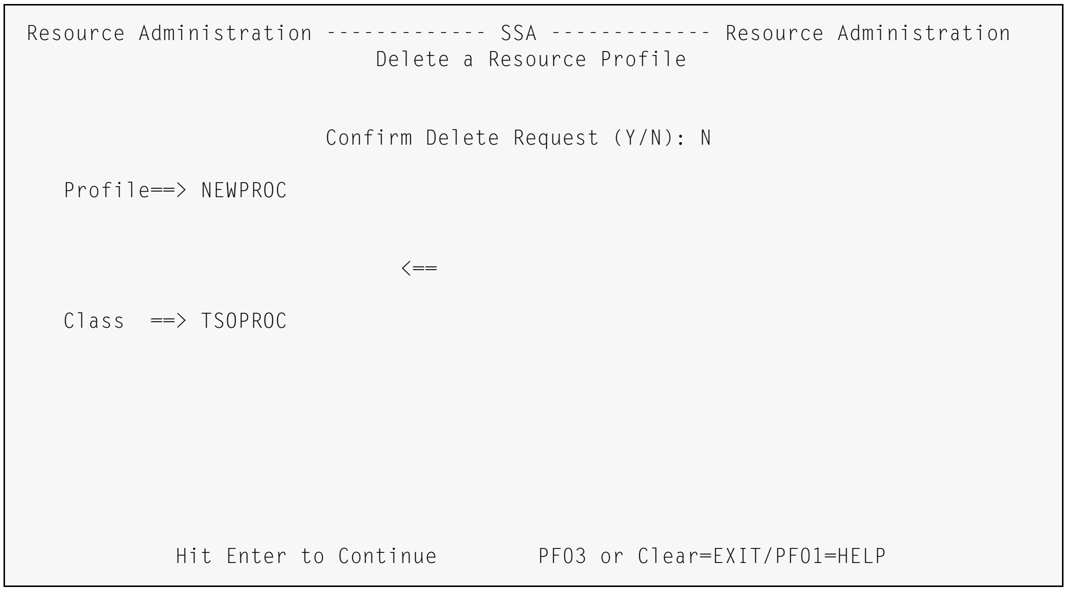
Perform the following steps to issue the equivalency of a RACF Delete Resource Profile command (i.e., RDEL TSOPROC NEWPROC):

1. Enter ‘D’ into the Request Type field
2. TAB to the Resource Profile field, type in the resource profile you want to delete, and press ENTER.



```
 Resource Administration ------------- SSA ------------- Resource Administration
                              Administration Input


      Enter the Resource, Class and Request Type.  Other fields are optional.
    Request Type       ==> D             (A=Add,C=Change,L=List,D=Delete)
    Resource Profile   ==> NEWPROC________________________________________________
 ________________________________________________________________________________
 ________________________________________________________________________________
 _________________________________         <==
    Class              ==> TSOPROC_      Resource Class of Profile
    Owner              ==> ________      Profile Owner
    UACC               ==> ________      (None,Execute,Read,Update,Control,Alter)
    Notify             ==> ________      Userid to Notify
    Warn  (Y/N)        ==> _             Activate Warn?
    Level              ==> ___           Resource Level
    Local Audit        ==> _______       (All,Success,Fail,None)
     Success Level     ==> _______       (None,Read,Update,Control,Alter)
     Failure Level     ==> _______       (None,Read,Update,Control,Alter)

                         Process: Inst/Appl Data (Y/N): Y


             Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process deletes the specified resource profile. The following screen is presented to confirm the delete. Change the N to Y and press enter.



```
 Resource Administration ------------- SSA ------------- Resource Administration
                           Delete a Resource Profile


                         Confirm Delete Request (Y/N): N

    Profile==> NEWPROC


                                    <==

    Class  ==> TSOPROC







             Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Resource Administration API Invocation:

All calls to the SSA-CDA API involve calling the API program AAZCLNT with a COMMAREA that is always 32760 in length (See “ Application Programming Interface” on page 376). The COMMAREA consists of a header that is used for all invocations of the API and then the data for the actual requested function. Below is a table detailing the fields and formats for the Resource Administration SSA-CDA API call:

Field Label	Length	Explanation	Required on Invocation?

CACTION	1	Action requested. The valid values are:
		L = List Profile
		A = Add Profile
		C = Change Profile
		D = Delete Profile
			YES

CRESRCE	246	Resource profile to be affected	YES
CCLASS	8	RACF Class that the profile belongs to	YES
COWNER	8	User or group to be made the owner of the resource profile specified when the request is an add or change.	NO. On add request the default is the Userid issuing request if not specified.
CUACC	8	UACC level for the profile specified when request is add or change. The only acceptable values are: NONE EXECUTE READ UPDATE CONTROL ALTER	NO. The default value is NONE.
CNOTIFY	8	Userid to be notified whenever RACF uses this profile to deny access to a resource	NO
CWARN	1	Indicator of request to add the WARNING flag that will issue a warning message and allow access to the resource even if access is insufficient. Must be ‘Y’ or ‘N”.	NO
CLEVEL	3	Level value for profile specified. The value must be between 000 and 099. The default is 000	NO. The default value is 000.
CAUDIT	7	Indicates what access attempts you want to log on the SMF data set. The only acceptable values are: NONE ALL SUCCESS FAIL:	NO. The default value is FAIL.

CAUDOK	7	Indicates what access level you want logged for SUCCESS audit levels. The only acceptable values are: NONE READ UPDATE CONTROL ALTER	NO
CAUDNG	7	Indicates what access level you want logged for FAIL audit levels. The only acceptable values are: NONE READ UPDATE CONTROL ALTER	NO
CPERADD	1	RESERVED	NO
CMEMADD	1	RESERVED	NO
CINAPAD	1	RESERVED	NO
CINSTL	255	Data to update installation data field on the resource profile specified when the request is an add or change.	NO
CAPPL	255	Data to update application data field on the resource profile specified when the request is an add or change.	NO
LRESRCE	246	Output field profile that was listed	NO
LCLASS	8	Output field of class of profile that was listed	NO
LOWNER	8	Output field showing the owner of the profile that was listed	NO
LUACC	8	Output field showing UACC of the profile that was listed.	NO
LNOTIFY	8	Output field showing the Userid to be notified whenever RACF uses the profile to deny access to a data set.	NO
LWARN	3	Output field indicating whether the Warning flag for the profile is in effect.	NO
LLEVEL	3	Output field showing the level of the profile that was listed	NO
LAUDIT	7	Output field showing what type of auditing is to be in effect for the profile that was listed.	NO
LAUDOK	7	Output field showing what access level will be used for successful auditing.	NO
LAUDNG	7	Output field showing what access level will be used for failure auditing.	NO
LPERADD	1	RESERVED	NO
LMEMADD	1	RESERVED	NO

LINAPAD	1	RESERVED	NO
LINSTL	255	Output field showing installation data for the profile that was listed.	NO
LAPPL	255	Output field showing application data for the profile that was listed.	NO
LRSCSAV	1	RESERVED	NO

Resource Administration API Example:

The following Assembler layout sample can be found in member CPYRSA in the SSA version 1.3 install library:

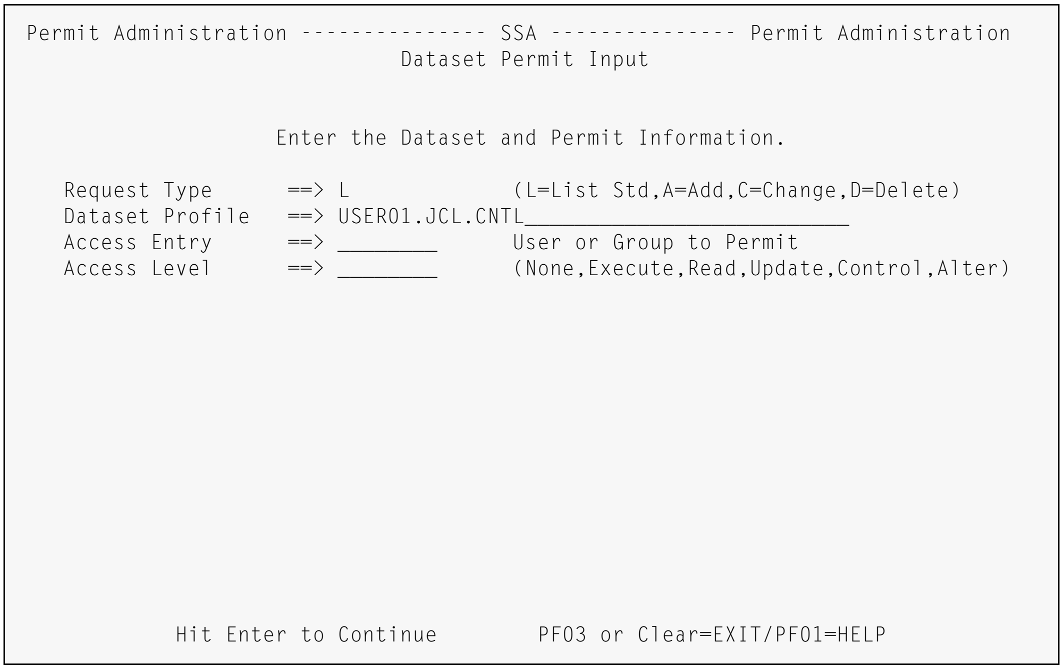
```
**** API HEADER ****
CACTION     DC    CL1' '      ACTION REQUIRED
CRESRCE     DC    CL246' '    RESOURCE
CCLASS      DC    CL8' '      CLASS
COWNER      DC    CL8'  '     OWNER
CUACC       DC    CL8' '      UACC
CNOTIFY     DC    CL8' '      NOTIFY
CWARN       DC    CL1' '      WARN
CLEVEL      DC    CL3' '      LEVEL
CAUDIT      DC    CL7' '      AUDIT
CAUDOK      DC    CL7' '      AUDOK
CAUDNG      DC    CL7' '      AUDNG
CPERADD     DC    CL1' '      RESERVED
CMEMADD     DC    CL1' '      RESERVED
CINAPAD     DC    CL1' '      RESERVED
CINSTL      DC    CL255' '    NEW INSTALLATION DATA
CAPPL       DC    CL255' '    NEW APPLICATION DATA*
*
LRESRCE     DC    CL246' '    RESOURCE
LCLASS      DC    CL8' '      CLASS
LOWNER      DC    CL8'  '     OWNER
LUACC       DC    CL8' '      UACC
LNOTIFY     DC    CL8' '      NOTIFY
LWARN       DC    CL3' '      WARN
LLEVEL      DC    CL3' '      LEVEL
LAUDIT      DC    CL7' '      AUDIT
LAUDOK      DC    CL7' '      AUDOK
LAUDNG      DC    CL7' '      AUDNG
LPERADD     DC    CL1' '      RESERVED
LMEMADD     DC    CL1' '      RESERVED
LINAPAD     DC    CL1' '      RESERVED
LINSTL      DC    CL255' '    NEW INSTALLATION DATA
LAPPL       DC    CL255' '    NEW APPLICATION DATA
LRSCSAV     DC    CL1' '      RESERVED
            ORG   COMMAREA+32760
```

Dataset Permit Administration Screens

Perform List Dataset Profile Permits

Perform the following steps to issue the equivalency of a RACF List Dataset command (i.e., LD DA() GEN AUTHUSER):

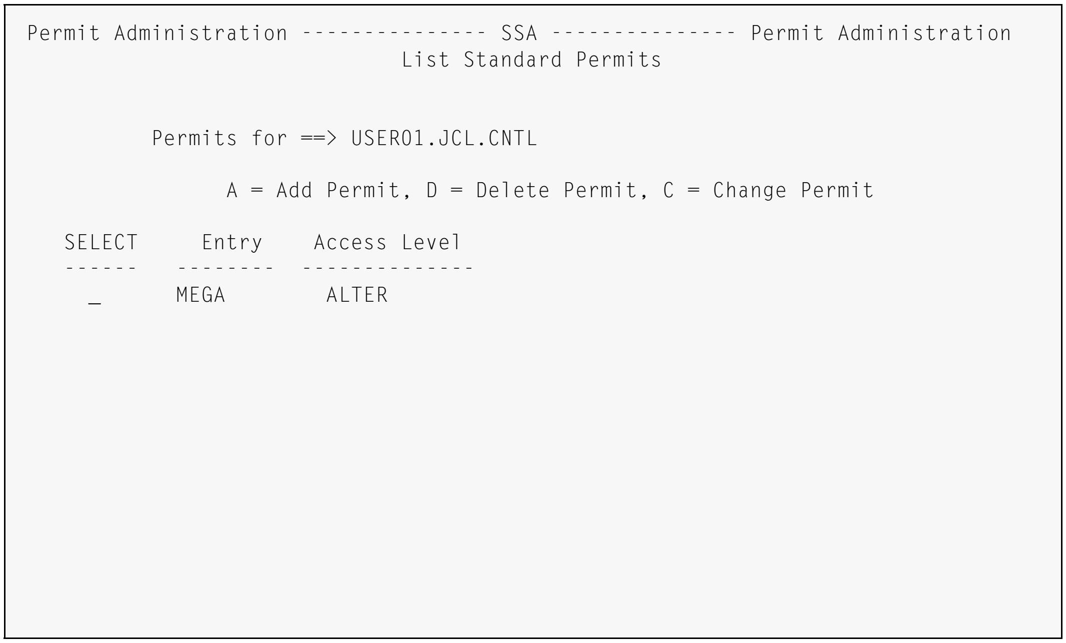
1. Enter ‘L’ in the Request Type field.
2. Enter the dataset profile in the Dataset Profile field and press ENTER.



```
 Permit Administration -------------- SSA -------------- Permit Administration
                              Dataset Permit Input


                     Enter the Dataset and Permit Information.

    Request Type      ==> L             (L=List Std,A=Add,C=Change,D=Delete)
    Dataset Profile   ==> USER01.JCL.CNTL__________________________
    Access Entry      ==> ________      User or Group to Permit
    Access Level      ==> ________      (None,Execute,Read,Update,Control,Alter)














             Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

List Dataset Profile Permits Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



```
Permit Administration -------------- SSA -------------- Permit Administration
                              List Standard Permits


          Permits for ==> USER01.JCL.CNTL

                A = Add Permit, D = Delete Permit, C = Change Permit

   SELECT     Entry    Access Level
   ------   --------  --------------
     _       MEGA        ALTER
```

You can ‘select and scroll’ through the listing and specify, in the select column, any of the following options:

- Add Permit (A)

  Displays the Dataset Permit Administration Main Panel with the appropriate fields filled in.

- Delete Permit (D)

  Displays the Delete Dataset Permit confirmation panel. Type ‘Y’ to confirm the delete.

- Change Permit (C)

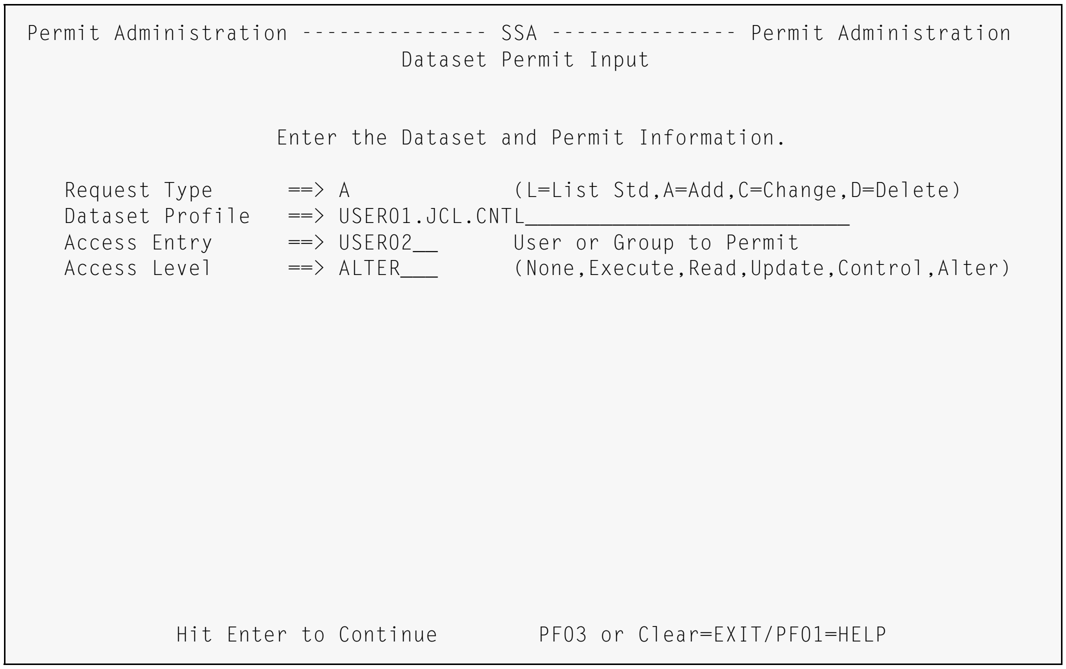
  Displays the Dataset Permit Administration Main Panel with the appropriate fields filled in.

Note: The CICS version of Dataset Permit Administration only allows the user to select one permit from the list. The TSO version allows as many selections as the user requests.

Add Dataset Profile Permit

Perform the following steps to issue the equivalency of a RACF Permit to Dataset Profile command (i.e., PERMIT ‘USER01.JCL.CNTL’ GEN ID(USER02) ACCESS(ALTER)):

1. Enter ‘A’ into the Request Type field.
2. TAB to the Dataset Profile field, type in the dataset profile.
3. TAB to the Access Entry field, type in a userid or group.
4. TAB to the Access Level field, type in the access level, and press ENTER.



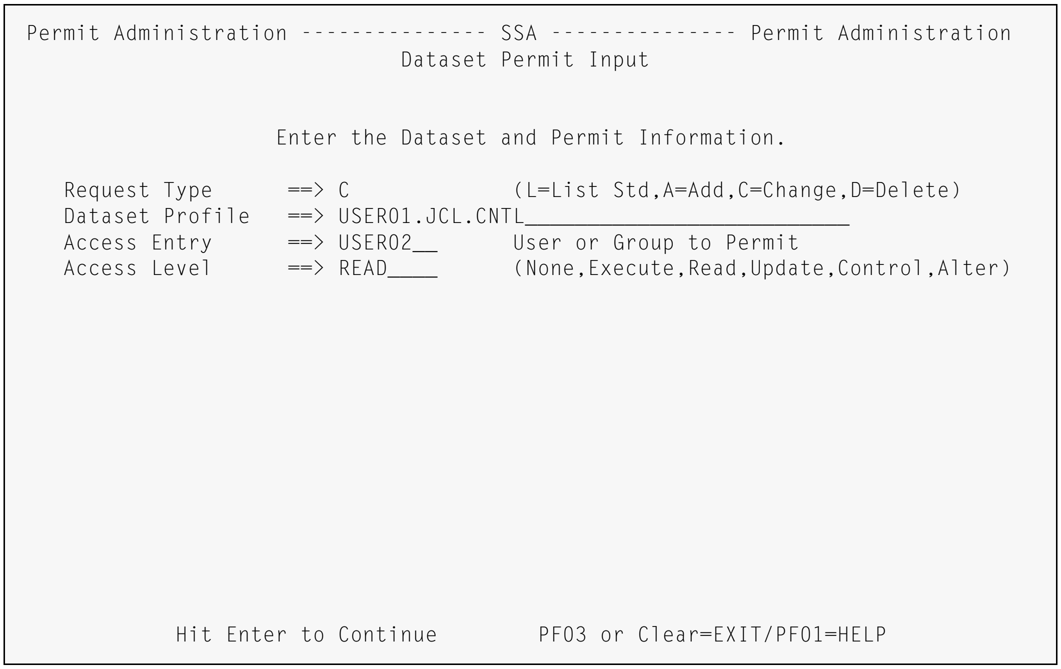
```
Permit Administration --------------- SSA --------------- Permit Administration
                              Dataset Permit Input


                    Enter the Dataset and Permit Information.

   Request Type      ==> A             (L=List Std,A=Add,C=Change,D=Delete)
   Dataset Profile   ==> USER01.JCL.CNTL__________________________
   Access Entry      ==> USER02__      User or Group to Permit
   Access Level      ==> ALTER___      (None,Execute,Read,Update,Control,Alter)













             Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process adds the userid or group to the dataset profile with the access level specified.

Change Dataset Profile Permit

Perform the following steps to issue the equivalency of a RACF Permit to Dataset Profile command (i.e., PERMIT ‘USER01.JCL.CNTL’ GEN ID(USER02) ACCESS(READ)):

1. Enter ‘C’ into the Request Type field.
2. TAB to the Dataset Profile field, type in the dataset profile.
3. TAB to the Access Entry field, type in a userid or group.
4. TAB to the Access Level field, type in the access level you want to change to, and press ENTER.



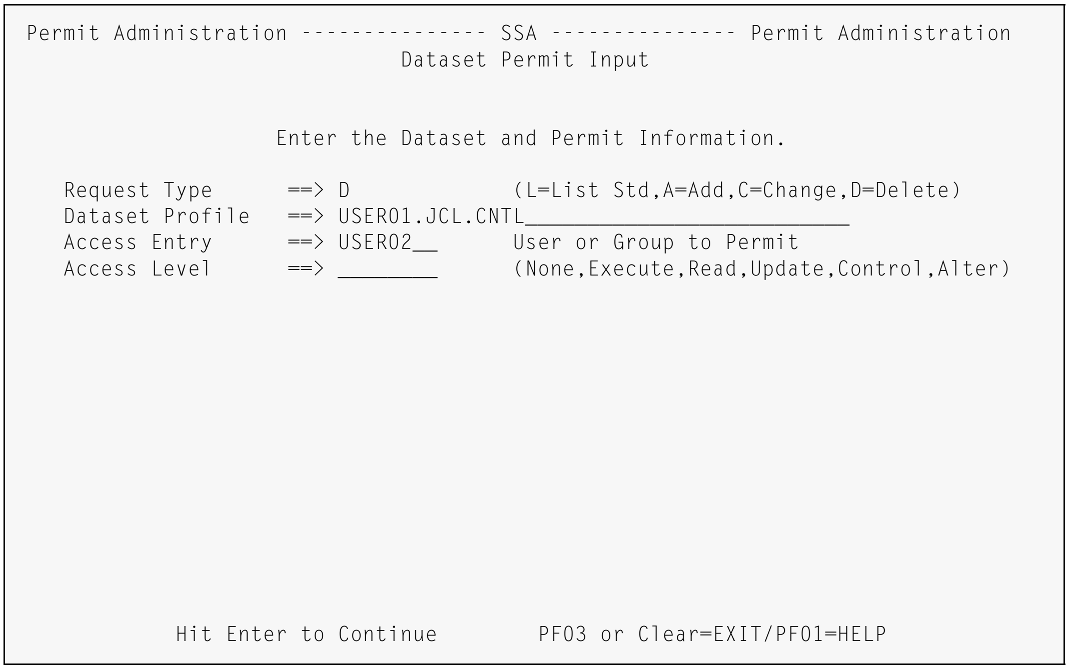
```
Permit Administration -------------- SSA -------------- Permit Administration
                             Dataset Permit Input


                   Enter the Dataset and Permit Information.

   Request Type      ==> C             (L=List Std,A=Add,C=Change,D=Delete)
   Dataset Profile   ==> USER01.JCL.CNTL__________________________
   Access Entry      ==> USER02__      User or Group to Permit
   Access Level      ==> READ____      (None,Execute,Read,Update,Control,Alter)













            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process changes the userid’s or group’s access level to the dataset profile specified.

Delete Dataset Profile Permit

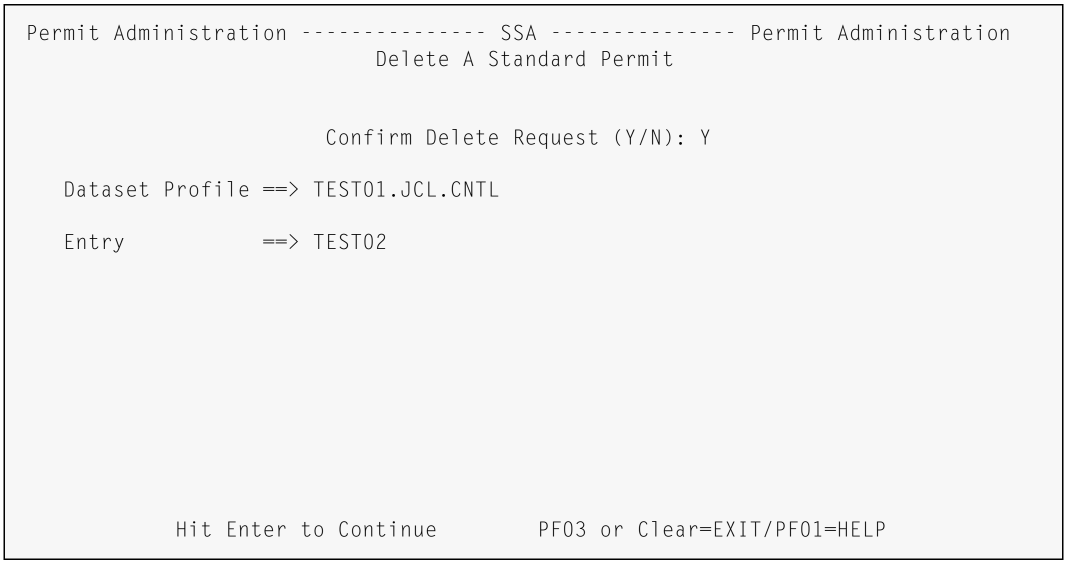
Perform the following steps to issue the equivalency of a RACF Permit to Dataset Profile command (i.e., PERMIT ‘USER01.JCL.CNTL’ GEN ID(USER02) DELETE):

1. Enter ‘D’ into the Request Type field.
2. TAB to the Dataset Profile field, type in the dataset profile.
3. TAB to the Access Entry field, type in a userid or group, and press ENTER.



```
Permit Administration --------------- SSA --------------- Permit Administration
                              Dataset Permit Input


                    Enter the Dataset and Permit Information.

   Request Type      ==> D             (L=List Std,A=Add,C=Change,D=Delete)
   Dataset Profile   ==> USER01.JCL.CNTL__________________________
   Access Entry      ==> USER02__      User or Group to Permit
   Access Level      ==> ________      (None,Execute,Read,Update,Control,Alter)














            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process deletes the specified dataset profile permit. The following screen is presented to confirm the delete. Change the N to Y and press ENTER.



```
Permit Administration --------------- SSA --------------- Permit Administration
                            Delete A Standard Permit


                        Confirm Delete Request (Y/N): Y

   Dataset Profile ==> TEST01.JCL.CNTL

   Entry           ==> TEST02











            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Dataset Permit Administration API Invocation:

All calls to the SSA-CDA API involve calling the API program AAZCLNT with a COMMAREA that is always 32760 in length (See “ Application Programming Interface” on page 376. The COMMAREA consists of a header that is used for all invocations of the API and then the data for the actual requested function. Below is a table detailing the fields and formats for the Dataset Permit Administration SSA-CDA API call:

Field Label	Length	Explanation	Required on Invocation?

CACTION	1	Action requested. The valid values are:
		L = List Standard Access List
		A = Add Permit
		C = Change Permit
		D = Delete Permit
			YES

LISTADDR	4	RESERVED	NO
CDSNAM	44	Dataset profile to be affected	YES
CPERENT	8	User or group to permit to the profile specified.	YES. (NO, if request is a list standard permits).
CPERLVL	8	Indicates what access level. The only acceptable values are: NONE EXECUTE READ UPDATE CONTROL ALTER	YES. (NO, if request is a list standard permits).
LARRAY	Remainder of 32760	If the request was to list standard permits, the list of permits is returned in this area. The permits are returned in 16 character fields (8 Character Userid/Group and 8 Character Access Level), with the last entry followed by a single HEX 00.	NO

Dataset Permit Administration API Example

The following Assembler layout sample can be found in member CPYDSP in the SSA version 1.3 install library:

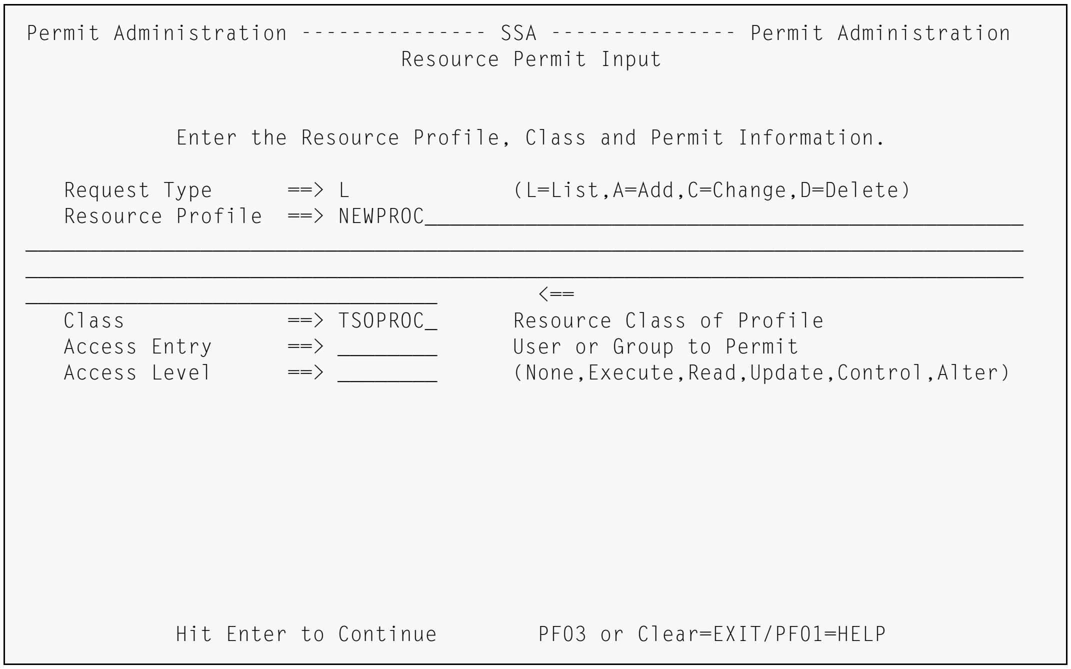
```
CACTION     DS     CL1        A(DD), D(ELETE), C(HANGE), L(IST STD)
LISTADDR    DS     XL4        PERMITS GETMAIN'D AREA
CDSNAM      DS     CL44       DATASET NAME
CPERENT     DS     CL8        PERMIT USER
CPERLVL     DS     CL8        PERMIT LEVEL
*
LARRAY      EQU    COMMAREA+184RETURNED LIST OF 16-BYTE ENTRIES
            ORG    COMMAREA+32760
```

Resource Permit Administration Screens

Perform List Resource Profile Permits

Perform the following steps to issue the equivalency of a RACF List Resource command (i.e., RLIST TSOPROC NEWPROC AUTHUSER):

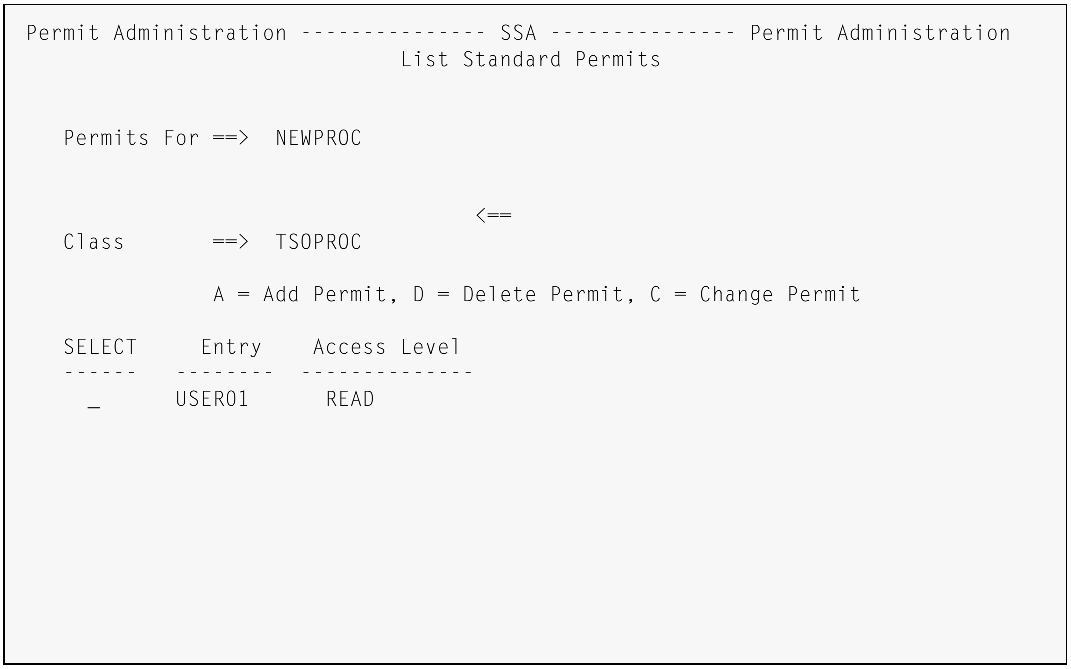
1. Enter ‘L’ in the Request Type field.
2. TAB to the Resource Profile field, type in the resource profile.
3. TAB to the Class field, type in the class name, and press ENTER.



```
Permit Administration --------------- SSA --------------- Permit Administration
                              Resource Permit Input


            Enter the Resource Profile, Class and Permit Information.

   Request Type      ==> L            (L=List,A=Add,C=Change,D=Delete)
   Resource Profile  ==> NEWPROC________________________________________________
________________________________________________________________________________
________________________________________________________________________________
_________________________________             <==
   Class             ==> TSOPROC_     Resource Class of Profile
   Access Entry      ==> ________     User or Group to Permit
   Access Level      ==> ________     (None,Execute,Read,Update,Control,Alter)










            Hit Enter to Continue         PF03 or Clear=EXIT/PF01=HELP
```

List Resource Profile Permits Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



```
Permit Administration -------------- SSA -------------- Permit Administration
                              List Standard Permits


   Permits For ==>  NEWPROC


                                     <==
   Class       ==>  TSOPROC

               A = Add Permit, D = Delete Permit, C = Change Permit

   SELECT     Entry    Access Level
   ------   --------  --------------
     _      USER01      READ
```

You can ‘select and scroll’ through the listing and specify, in the select column, any of the following options:

- Add Permit (A)

  Displays the Resource Permit Administration Main Panel with the appropriate fields filled in.

- Delete Permit (D)

  Displays the Delete Resource Permit confirmation panel. Type ‘Y’ to confirm the delete.

- Change Permit (C)

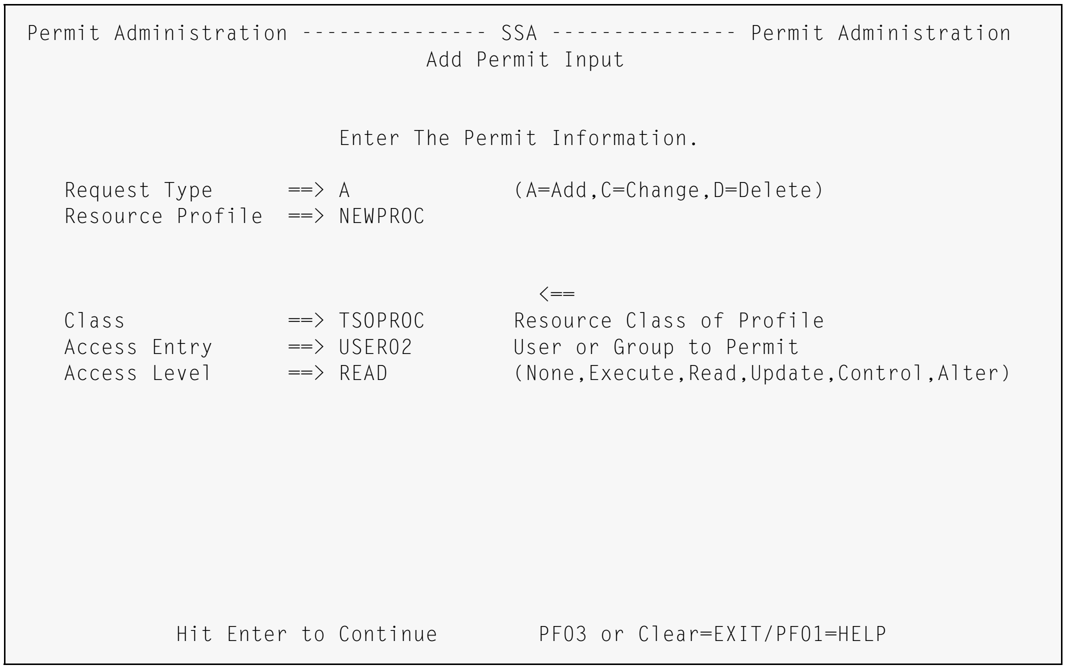
  Displays the Resource Permit Administration Main Panel with the appropriate fields filled in.

Note: The CICS version of Resource Permit Administration only allows the user to select one permit from the list. The TSO version allows as many selections as the user requests.

Add Resource Profile Permit

Perform the following steps to issue the equivalency of a RACF Permit to Resource Profile command (i.e., PERMIT NEWPROC CLASS(TSOPROC) ID(USER02) ACCESS(READ)):

1. 1) Enter ‘A’ into the Request Type field
2. TAB to the Resource Profile field, type in the resource profile.
3. TAB to the Class field, type in the class name.
4. TAB to the Access Entry field, type in a userid or group
5. TAB to the Access Level field, type in the access level, and press ENTER.



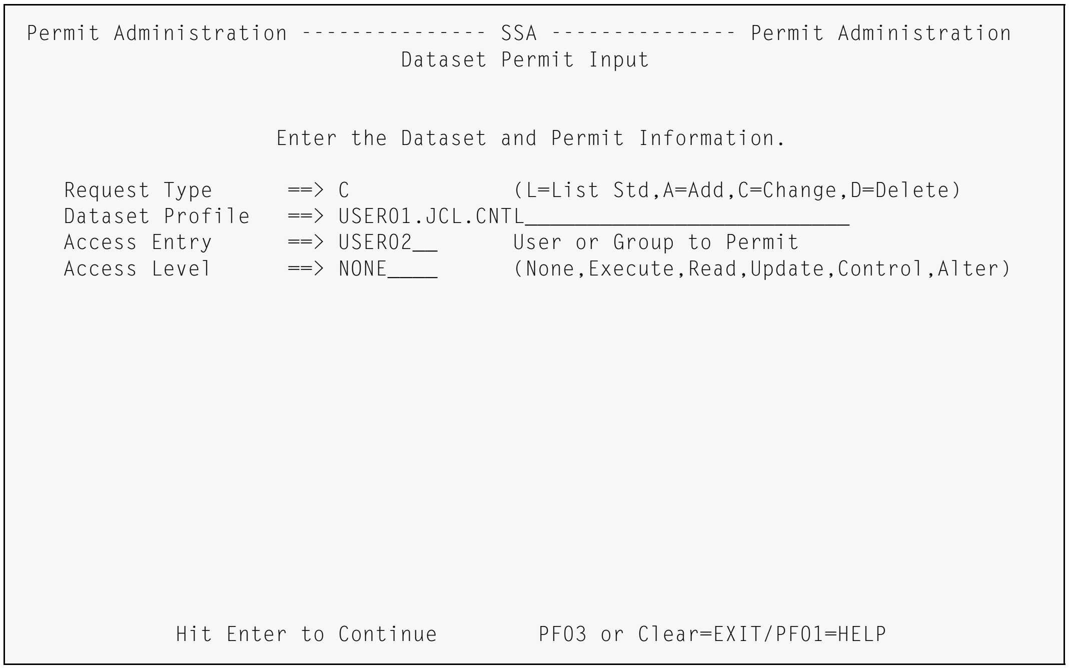
```
Permit Administration --------------- SSA --------------- Permit Administration
                                Add Permit Input


                         Enter The Permit Information.

   Request Type      ==> A             (A=Add,C=Change,D=Delete)
   Resource Profile  ==> NEWPROC



                                         <==
   Class             ==> TSOPROC       Resource Class of Profile
   Access Entry      ==> USER02        User or Group to Permit
   Access Level      ==> READ          (None,Execute,Read,Update,Control,Alter)








            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process adds the userid or group to the resource profile with the access level specified.

Change Resource Profile Permit

Perform the following steps to issue the equivalency of a RACF Permit to Resource Profile command (i.e., PERMIT NEWPROC CLASS(TSOPROC) ID(USER02) ACCESS(NONE)):

1. Enter ‘C’ into the Request Type field
2. TAB to the Resource Profile field, type in the resource profile.
3. TAB to the Class field, type in the class name.
4. TAB to the Access Entry field, type in a userid or group
5. TAB to the Access Level field, type in the new access level, and press ENTER.



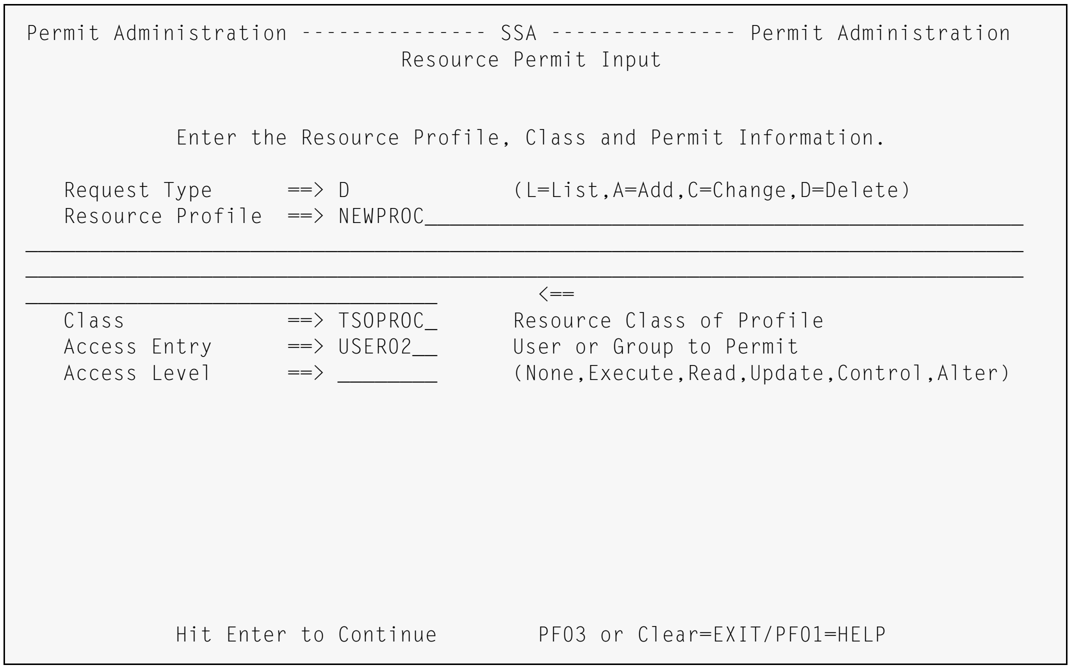
```
Permit Administration --------------- SSA --------------- Permit Administration
                             Dataset Permit Input


                   Enter the Dataset and Permit Information.

   Request Type      ==> C             (L=List Std,A=Add,C=Change,D=Delete)
   Dataset Profile   ==> USER01.JCL.CNTL__________________________
   Access Entry      ==> USER02__      User or Group to Permit
   Access Level      ==> NONE____      (None,Execute,Read,Update,Control,Alter)











            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process changes the userid’s or group’s access level to the resource profile specified.

Delete Resource Profile Permit

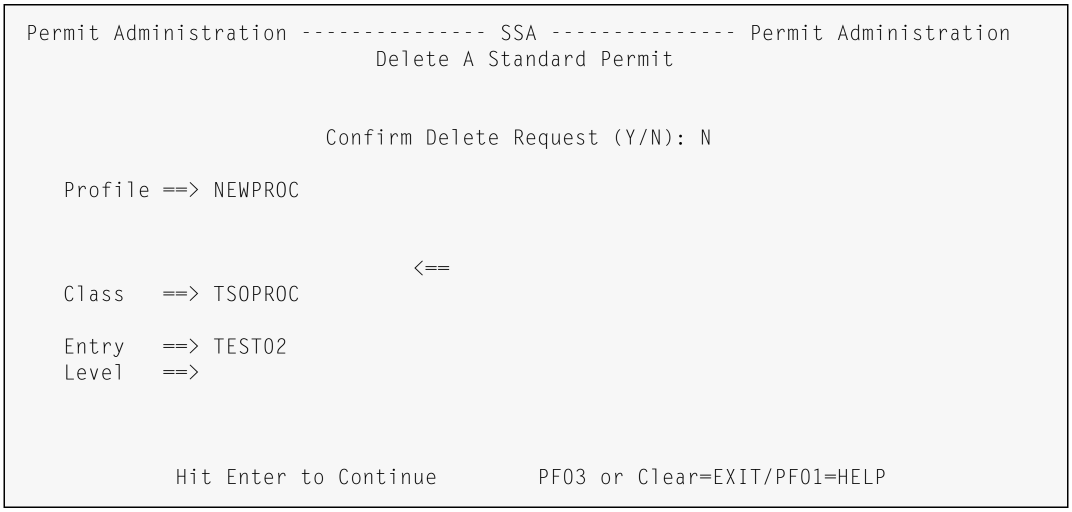
Perform the following steps to issue the equivalency of a RACF Permit to Resource Profile command (i.e., PERMIT NEWPROC CLASS(TSOPROC)
ID(USER02) DELETE):

1. Enter ‘D’ into the Request Type field
2. TAB to the Resource Profile field, type in the resource profile.
3. TAB to the Class field, type in the class name.
4. TAB to the Access Entry field, type in a userid or group, and press ENTER.



```
Permit Administration --------------- SSA --------------- Permit Administration
                              Resource Permit Input


            Enter the Resource Profile, Class and Permit Information.

   Request Type      ==> D             (L=List,A=Add,C=Change,D=Delete)
   Resource Profile  ==> NEWPROC________________________________________________
________________________________________________________________________________
________________________________________________________________________________
_________________________________            <==
   Class             ==> TSOPROC_      Resource Class of Profile
   Access Entry      ==> USER02__      User or Group to Permit
   Access Level      ==> ________      (None,Execute,Read,Update,Control,Alter)









            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process deletes the specified resource profile permit. The following screen is presented to confirm the delete. Change the N to Y and press ENTER.



```
Permit Administration --------------- SSA --------------- Permit Administration
                            Delete A Standard Permit


                        Confirm Delete Request (Y/N): N

   Profile ==> NEWPROC


                                   <==
   Class   ==> TSOPROC

   Entry   ==> TEST02
   Level   ==>



            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Resource Permit Administration API Invocation:

All calls to the SSA-CDA API involve calling the API program AAZCLNT with a COMMAREA that is always 32760 in length (See " Application Programming Interface" on page 376. The COMMAREA consists of a header that is used for all invocations of the API and then the data for the actual requested function. Below is a table detailing the fields and formats for the Resource Permit Administration SSA-CDA API call:

Field Label	Length	Explanation	Required on Invocation?

CACTION	1	Action requested. The valid values are:
		L = List Standard Permits
		A = Add Permit
		C = Change Permit
		D = Delete Permit
			YES

LISTADDR	4	RESERVED	NO
CRESRCE	246	Resource profile to be affected	YES
CCLASS	8	RACF Class of the profile to be affected	YES
CPERENT	8	User or group to permit to the profile specified.	YES. (NO, if request is a list standard permits).
CPERLVL	8	Indicates what access level. The only acceptable values are: NONE EXECUTE READ UPDATE CONTROL ALTER	YES. (NO, if request is a list standard permits).
LARRAY	Remainder of 32760	If the request was to list standard permits, the list of permits is returned in this area. The permits are returned in 16 character fields (8 Character Userid/Group and 8 Character Access Level), with the last entry followed by a single HEX 00.	NO

Resource Permit Administration API Example

The following Assembler layout sample can be found in member CPYRSP in the SSA version 1.3 install library:

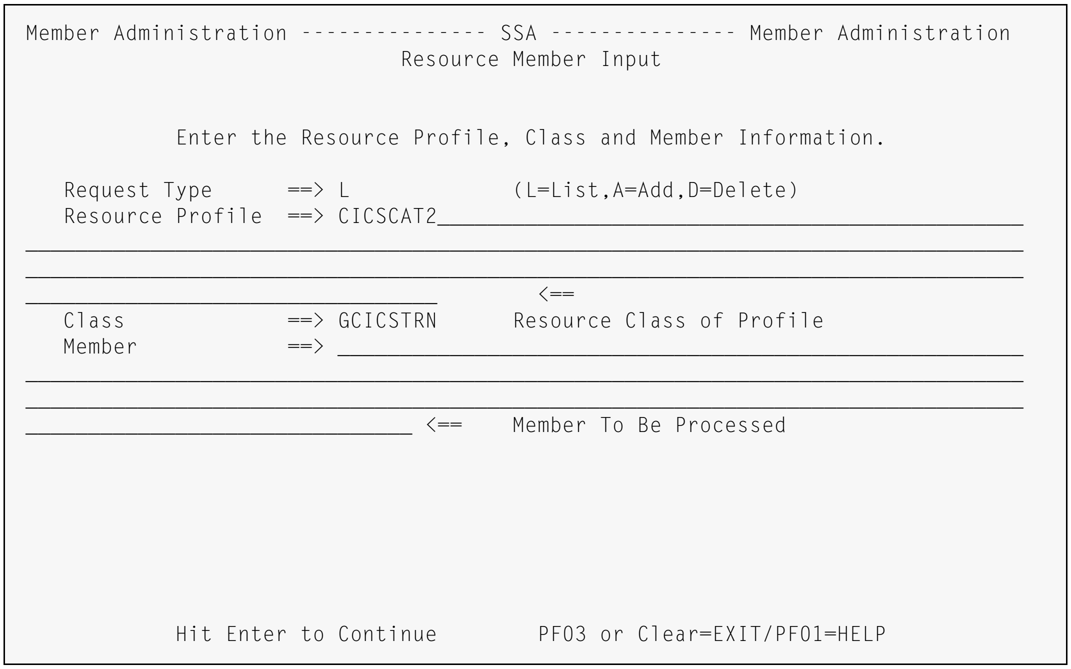
```
CACTION     DS    CL1        ACTION REQUIRED
LISTADDR    DS    XL4        PERMITS GETMAIN'D AREA
CRESRCE     DS    CL246      RESOURCE
CCLASS      DS    CL8        CLASS
CPERENT     DS    CL8        PERMIT USER
CPERLVL     DS    CL8        PERMIT LEVEL
*
LARRAY      EQU   COMMAREA+406RETURNED LIST
            ORG   COMMAREA+32760
```

Resource Member Administration Screens

Perform List Resource Profile Members

Perform the following steps to issue the equivalency of a RACF List Resource command (i.e., RLIST GCICSTRN CICSCAT2):

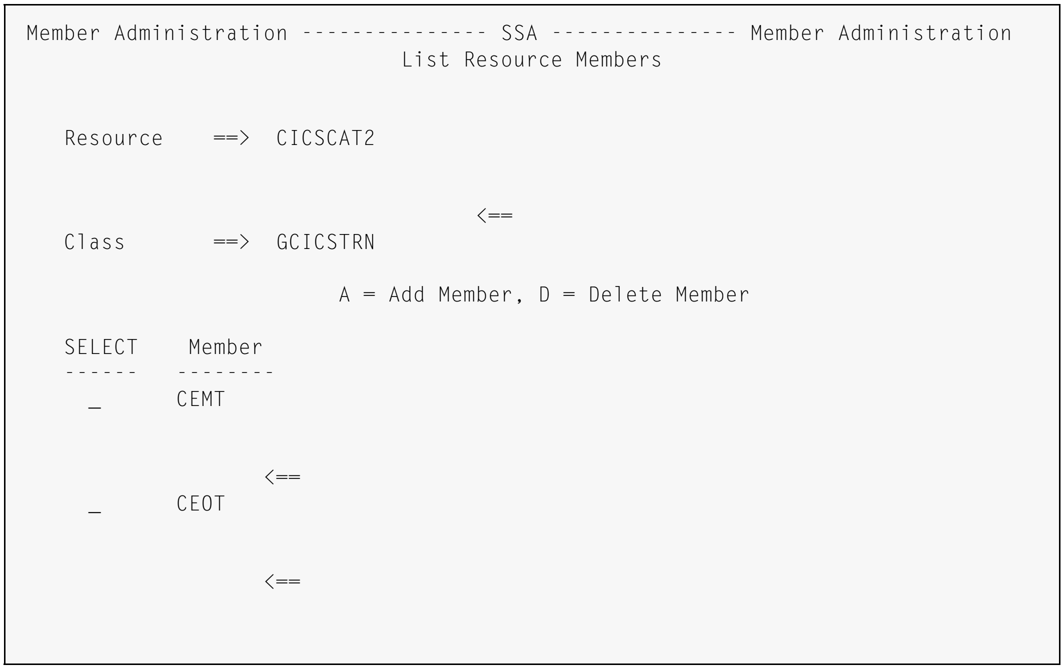
1. Enter ‘L’ in the Request Type field.
2. TAB to the Resource Profile field, type in the resource profile.
3. TAB to the Class field, type in the class name, and press ENTER.



```
Member Administration --------------- SSA --------------- Member Administration
                              Resource Member Input


             Enter the Resource Profile, Class and Member Information.

   Request Type      ==> L             (L=List,A=Add,D=Delete)
   Resource Profile  ==> CICSCAT2_______________________________________________
________________________________________________________________________________
________________________________________________________________________________
_________________________________       <==
   Class             ==> GCICSTRN      Resource Class of Profile
   Member            ==> _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
_______________________________ <==    Member To Be Processed






             Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

List Resource Profile Permits Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



```
Member Administration -------------- SSA -------------- Member Administration
                              List Resource Members


   Resource    ==>  CICSCAT2


                                    <==
   Class       ==>  GCICSTRN

                         A = Add Member, D = Delete Member

   SELECT    Member
   ------   --------
     _      CEMT


                   <==
     _      CEOT


                   <==
```

You can ‘select and scroll’ through the listing and specify, in the select column, any of the following options:

- Add Member (A)

  Displays the Resource Member Administration Main Panel with the appropriate fields filled in.

- Delete Member (D)

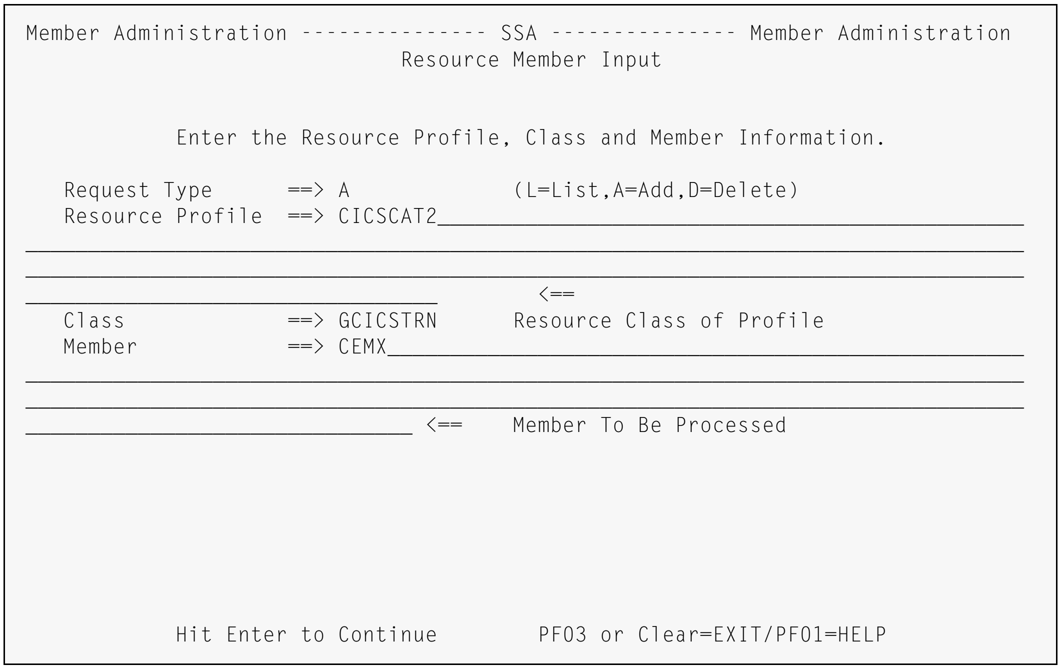
  Displays the Delete Resource Member confirmation panel. Type ‘Y’ to confirm the delete.

Note: The CICS version of Resource Member Administration only allows the user to select one member from the list. The TSO version allows as many selections as the user requests.

Add Resource Profile Member

Perform the following steps to issue the equivalency of a RACF Resource Profile Add Member command (i.e., RALTER GCICSTRN CICSCAT2 ADDMEM(CEMX)):

1. Enter ‘A’ into the Request Type field
2. TAB to the Resource Profile field, type in the resource profile.
3. TAB to the Class field, type in the class name.
4. TAB to the Member field, type in the new member, and press ENTER.



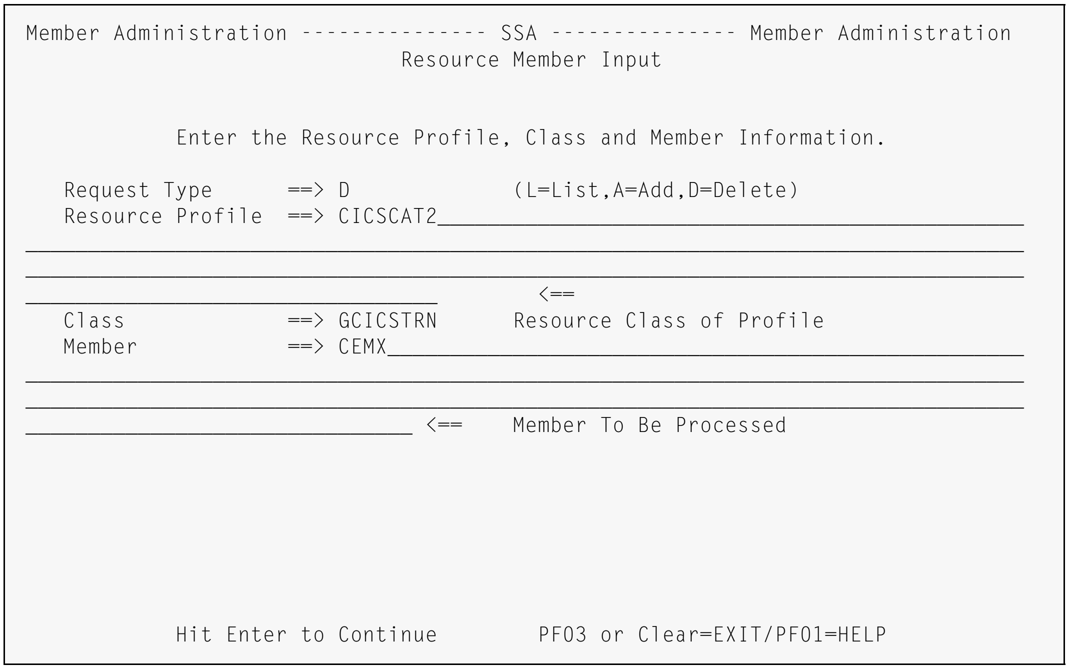
```
Member Administration --------------- SSA --------------- Member Administration
                              Resource Member Input


            Enter the Resource Profile, Class and Member Information.

   Request Type      ==> A             (L=List,A=Add,D=Delete)
   Resource Profile  ==> CICSCAT2_______________________________________________
________________________________________________________________________________
________________________________________________________________________________
_________________________________        <==
   Class             ==> GCICSTRN      Resource Class of Profile
   Member            ==> CEMX___________________________________________________
________________________________________________________________________________
________________________________________________________________________________
_______________________________ <==    Member To Be Processed






            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process adds the member requested to the resource profile and class specified.

Delete Resource Profile Member

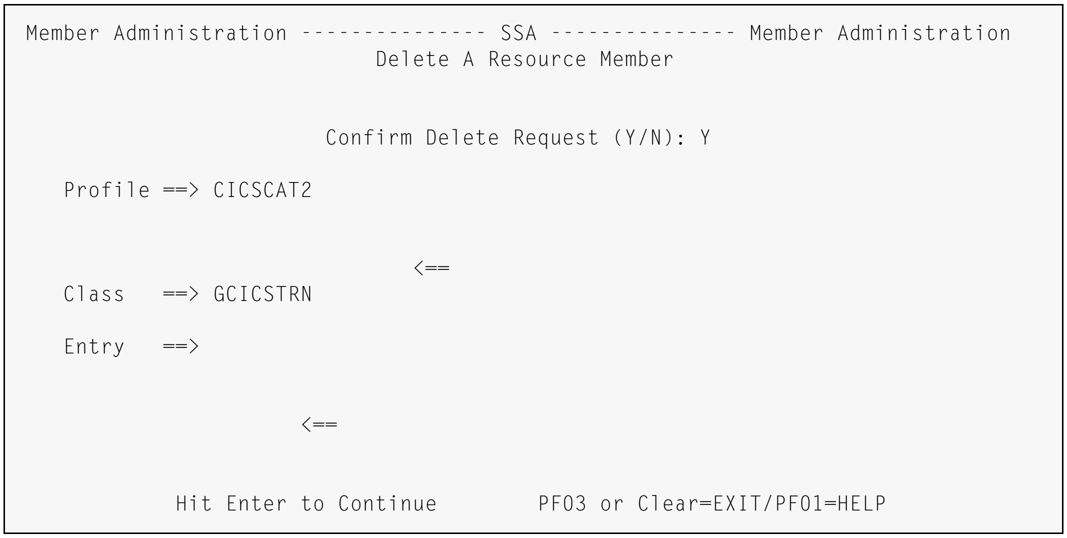
Perform the following steps to issue the equivalency of a RACF Resource Profile Add Member command (i.e., RALTER GCICSTRN CICSCAT2 DELMEM(CEMX)):

1. Enter ‘D’ into the Request Type field
2. TAB to the Resource Profile field, type in the resource profile.
3. TAB to the Class field, type in the class name.
4. TAB to the Member field, type in the member to remove, and press ENTER.



```
Member Administration --------------- SSA --------------- Member Administration
                              Resource Member Input


            Enter the Resource Profile, Class and Member Information.

   Request Type      ==> D             (L=List,A=Add,D=Delete)
   Resource Profile  ==> CICSCAT2_______________________________________________
________________________________________________________________________________
________________________________________________________________________________
_________________________________        <==
   Class             ==> GCICSTRN      Resource Class of Profile
   Member            ==> CEMX___________________________________________________
________________________________________________________________________________
________________________________________________________________________________
_______________________________ <==     Member To Be Processed







            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process deletes the specified resource member. The following screen is presented to confirm the delete. Change the N to Y and press ENTER.



```
Member Administration --------------- SSA --------------- Member Administration
                            Delete A Resource Member


                        Confirm Delete Request (Y/N): Y

   Profile ==> CICSCAT2


                               <==
   Class   ==> GCICSTRN

   Entry   ==>


                      <==


            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Resource Member Administration API Invocation:

All calls to the SSA-CDA API involve calling the API program AAZCLNT with a COMMAREA that is always 32760 in length (See “ Application Programming Interface” on page 376). The COMMAREA consists of a header that is used for all invocations of the API and then the data for the actual requested function. Below is a table detailing the fields and formats for the Resource Member Administration SSA-CDA API call:

Field Label	Length	Explanation	Required on Invocation?

CACTION	1	Action requested. The valid values are:
		L = List Members
		A = Add Member
		D = Delete Member
			YES

LISTADDR	4	RESERVED	NO
CRESRCE	246	Resource profile to be affected	YES
CCLASS	8	RACF Class of the profile to be affected	YES
CMEMBER	246	Member to add/delete to the resource profile specified.	YES. (NO, if request is a list standard permits).
LARRAY	Remainder of 32760	If the request was to list members, the list of members is returned in this area. The members are returned in 246 character fields, with the last entry followed by a single HEX 00.	NO

Resource Member Administration API Example

The following Assembler layout sample can be found in member CPYMBA in the SSA version 1.3 install library:

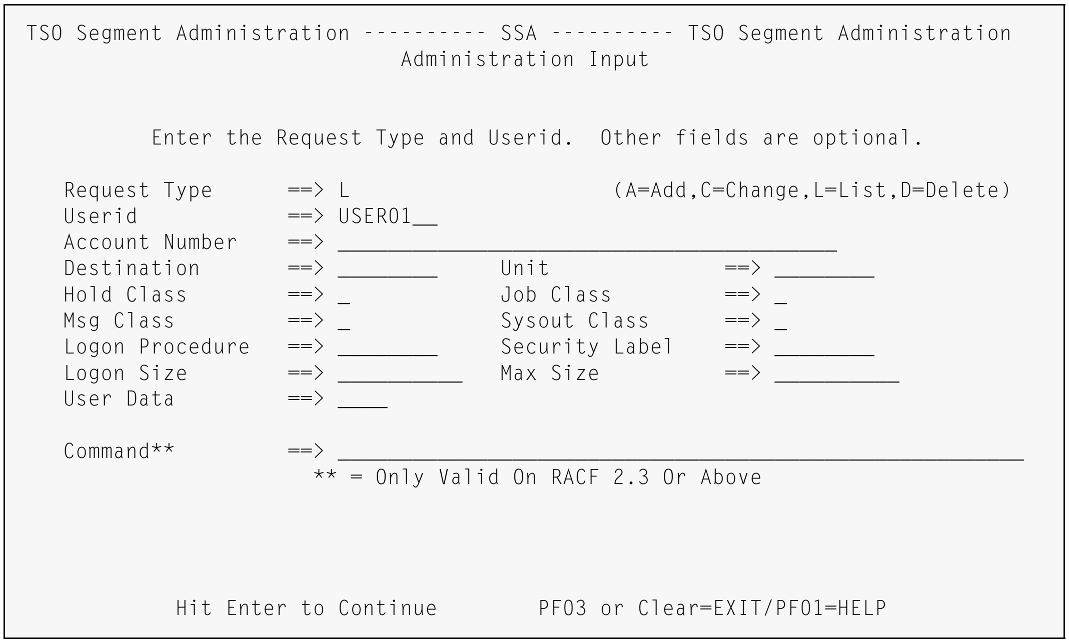
```
CACTION      DS     CL1        ACTION REQUIRED
LISTADDR     DS     XL4        MEMBERS GETMAIN'D AREA
CRESRCE      DS     CL246      RESOURCE
CCLASS       DS     CL8        CLASS
CMEMBER      DS     CL246      MEMBER
*
             ORG    COMMAREA+642RETURNED LIST
LARRAY       EQU    *
             ORG    COMMAREA+32760
```

User TSO Segment Administration Screens

Perform List User TSO Segment

Perform the following steps to issue the equivalency of a RACF List User TSO Segment command (i.e., LISTUSER USER01 TSO NORACF):

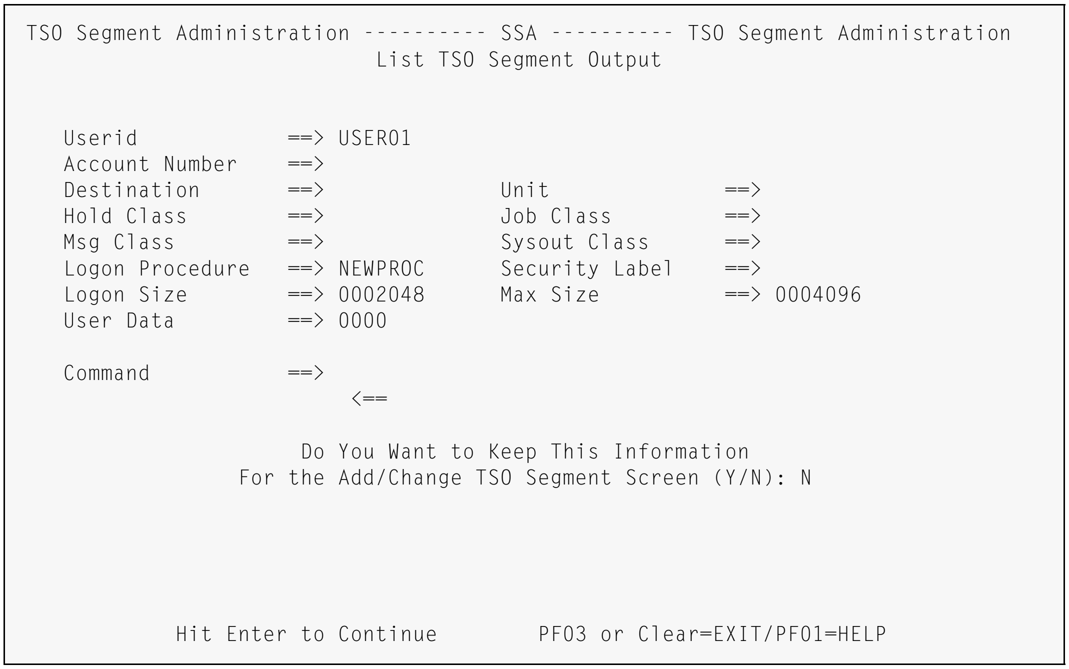
1. Enter ‘L’ in the Request Type field.
2. TAB to the Userid field, type in the userid, and press ENTER.



```
TSO Segment Administration ---------- SSA ---------- TSO Segment Administration
                              Administration Input


          Enter the Request Type and Userid.  Other fields are optional.

   Request Type      ==> L                     (A=Add,C=Change,L=List,D=Delete)
   Userid            ==> USER01__
   Account Number    ==> ________________________________________
   Destination       ==> ________     Unit              ==> ________
   Hold Class        ==> _            Job Class         ==> _
   Msg Class         ==> _            Sysout Class      ==> _
   Logon Procedure   ==> ________     Security Label    ==> ________
   Logon Size        ==> __________   Max Size          ==> __________
   User Data         ==> ____

   Command**         ==> _______________________________________________________
                       ** = Only Valid On RACF 2.3 Or Above




            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

List User TSO Segment Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



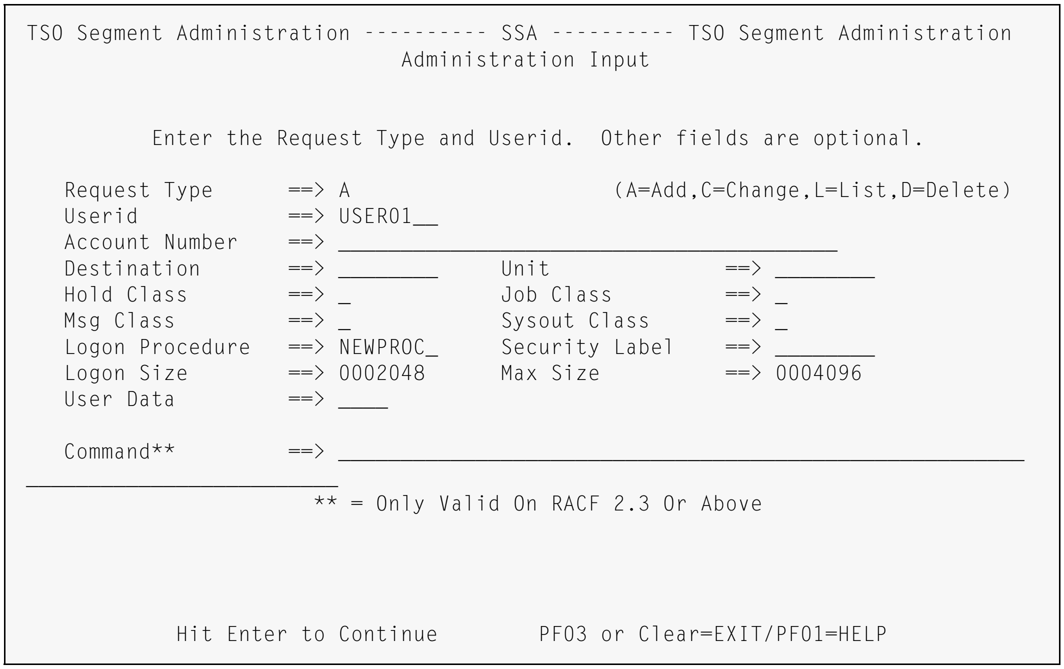
```
TSO Segment Administration ---------- SSA ---------- TSO Segment Administration
                            List TSO Segment Output


   Userid            ==> USER01
   Account Number    ==>
   Destination       ==>             Unit             ==>
   Hold Class        ==>             Job Class        ==>
   Msg Class         ==>             Sysout Class     ==>
   Logon Procedure   ==> NEWPROC     Security Label   ==>
   Logon Size        ==> 0002048     Max Size         ==> 0004096
   User Data         ==> 0000

   Command           ==>
                          <==

                      Do You Want to Keep This Information
                 For the Add/Change TSO Segment Screen (Y/N): N




            Hit Enter to Continue       PF03 or Clear=EXIT/PF01=HELP
```

Always press ENTER after a List User TSO Segment, or to recover from a message, to return to the Main panel.

Add User TSO Segment

Perform the following steps to issue the equivalency of a RACF Alter User TSO Segment command (i.e., ALTUSER USER01 TSO(PROC(NEWPROC) SIZE(2048) MAXSIZE(4096)):

1. Enter ‘A’ into the Request Type field
2. TAB to the Userid field, type in the userid profile.
3. TAB to the Logon Procedure field, type in the procedure.
4. TAB to the Logon Size field, type in the minimum size.
5. TAB to the Max Size field, type in the maximum size, and press ENTER.



```
TSO Segment Administration ---------- SSA ---------- TSO Segment Administration
                              Administration Input


          Enter the Request Type and Userid.  Other fields are optional.

   Request Type      ==> A                    (A=Add,C=Change,L=List,D=Delete)
   Userid            ==> USER01__
   Account Number    ==> ________________________________________
   Destination       ==> ________     Unit              ==> ________
   Hold Class        ==> _            Job Class         ==> _
   Msg Class         ==> _            Sysout Class      ==> _
   Logon Procedure   ==> NEWPROC_     Security Label    ==> ________
   Logon Size        ==> 0002048      Max Size          ==> 0004096
   User Data         ==> ____

   Command**         ==> _______________________________________________________
_________________________
                    ** = Only Valid On RACF 2.3 Or Above




             Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

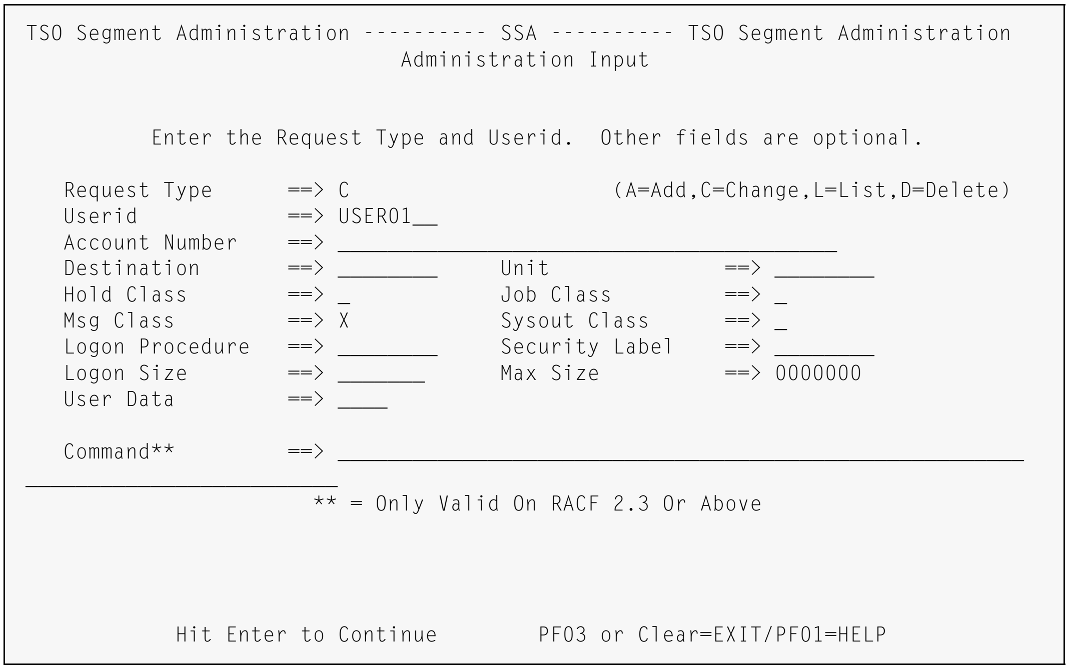
This process adds a TSO segment for the userid specified. All other fields are optional. The default values for optional fields if not specified are: The Logon Size field defaults to all zeroes, the Max Size field defaults to all zeroes, and the User Data field defaults to all zeroes.

Note: If the Max Size field is all zeroes then the userid’s TSO segment has an ‘unlimited’ amount of size for their logon session. Also, if the Max Size field is other than all zeroes, it must be greater than the Logon Size.

Change User TSO Segment

Perform the following steps to issue the equivalency of a RACF Alter User TSO Segment command (i.e., ALTUSER USER01 TSO(MAXSIZE(0000) MSGCLASS(X)):

1. Enter ‘C’ into the Request Type field
2. TAB to the Userid field, type in the userid profile.
3. TAB to the Msg Class field, type in the new message class value.
4. TAB to the Max Size field, type in the new maximum size, and press ENTER.



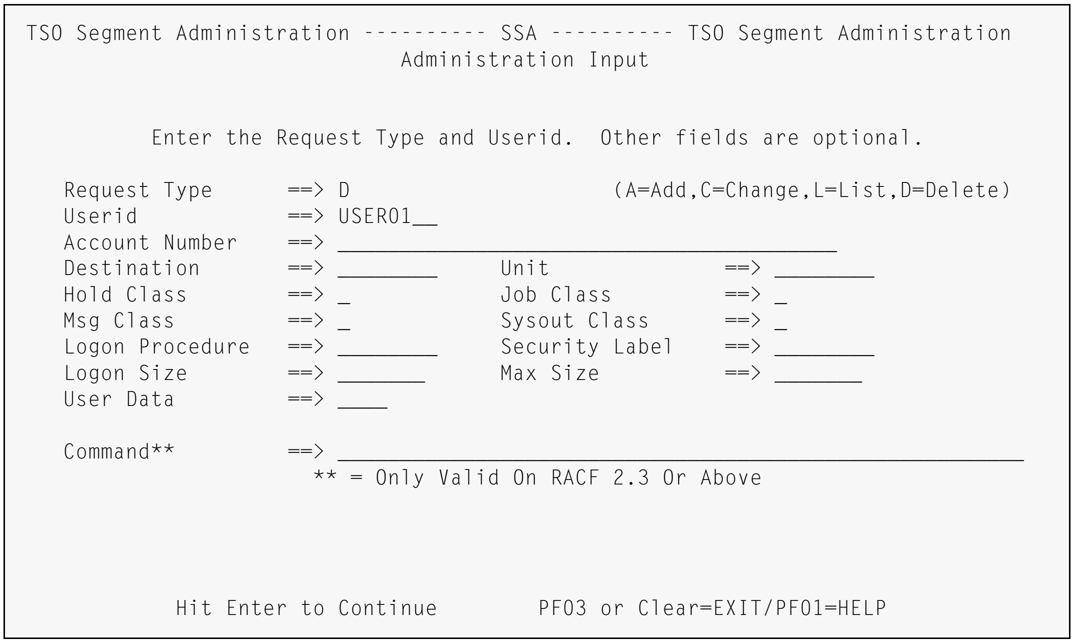
```
TSO Segment Administration ---------- SSA ---------- TSO Segment Administration
                              Administration Input


          Enter the Request Type and Userid.  Other fields are optional.

   Request Type      ==> C                     (A=Add,C=Change,L=List,D=Delete)
   Userid            ==> USER01__
   Account Number    ==> ________________________________________
   Destination       ==> ________     Unit              ==> ________
   Hold Class        ==> _            Job Class         ==> _
   Msg Class         ==> X            Sysout Class      ==> _
   Logon Procedure   ==> ________     Security Label    ==> ________
   Logon Size        ==> _______      Max Size          ==> 0000000
   User Data         ==> ____

   Command**         ==> _______________________________________________________
_________________________
                       ** = Only Valid On RACF 2.3 Or Above




            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process changes the specified userid’s TSO segment. At least one of the other fields is required. All other fields are optional. No fields are updated unless specified.

Delete User TSO Segment

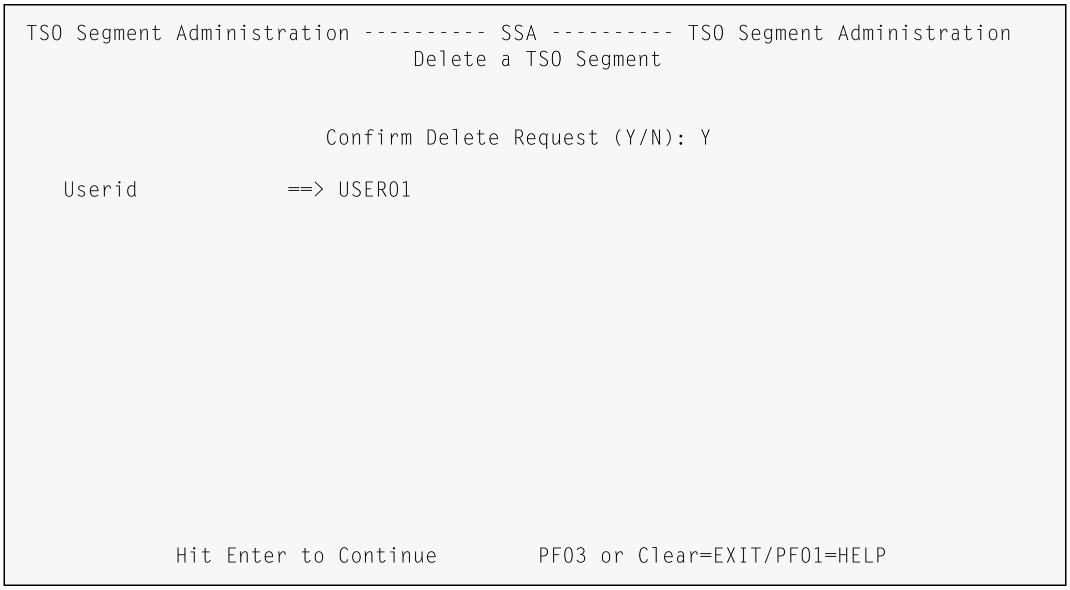
Perform the following steps to issue the equivalency of a RACF Alter User TSO Segment command (i.e., ALTUSER USER01 NOTSO):

1. Enter ‘D’ into the Request Type field
2. TAB to the Userid field, type in the userid profile, and press ENTER.



```
TSO Segment Administration ---------- SSA ---------- TSO Segment Administration
                              Administration Input


          Enter the Request Type and Userid.  Other fields are optional.

   Request Type      ==> D                     (A=Add,C=Change,L=List,D=Delete)
   Userid            ==> USER01__
   Account Number    ==> ________________________________________
   Destination       ==> ________     Unit              ==> ________
   Hold Class        ==> _            Job Class         ==> _
   Msg Class         ==> _            Sysout Class      ==> _
   Logon Procedure   ==> ________     Security Label    ==> ________
   Logon Size        ==> _______      Max Size          ==> _______
   User Data         ==> ____

   Command**         ==> _______________________________________________________
                       ** = Only Valid On RACF 2.3 Or Above




            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process deletes the specified userid’s TSO segment. The following screen is presented to confirm the delete. Change the N to Y and press ENTER.



```
TSO Segment Administration ---------- SSA ---------- TSO Segment Administration
                               Delete a TSO Segment


                        Confirm Delete Request (Y/N): Y

   Userid            ==> USER01












            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

User TSO Segment Administration API Invocation:

All calls to the SSA-CDA API involve calling the API program AAZCLNT with a COMMAREA that is always 32760 in length (See " Application Programming Interface" on page 376). The COMMAREA consists of a header that is used for all invocations of the API and then the data for the actual requested function. Below is a table detailing the fields and formats for the User TSO Segment Administration SSA-CDA API call:

Field Label	Length	Explanation	Required on Invocation?

CACTION	1	Action requested. The valid values are:
		L = List
		A = Add
		C = Change
		D = Delete
			YES

CUSERID	8	Userid to be affected.	YES
CTACCT	40	Account number to be used if request is an add or change.	NO
CTCMD	80	Default command at logon if request is an add or change.	NO
CTDEST	8	Destination to be used if request is an add or change.	NO
CTHCLAS	1	Default hold class to be used if request is an add or change.	NO
CTJCLAS	1	Default job class to be used if request is an add or change.	NO
CTLPROC	8	Default logon procedure to be used if request is an add or change.	NO
CTLSIZE	7	Logon size to be used if request is an add or change.	NO
CTMCLAS	1	Default message class to be used if request is an add or change.	NO
CTMSIZE	7	Maximum logon size to be used if request is an add or change.	NO
CTSCLAS	1	Default SYSOUT class to be used if request is an add or change.	NO
CTUDATA	4	User data to be used if request is an add or change.	NO
CTUNIT	8	Default UNIT to be used if request is an add or change.	NO
CTSLABL	8	Default logon security label to be used if request is an add or change.	NO
LUSERID	8	Output field indicating userid that was listed	NO
LTACCT	40	Output field showing the default account number of the userid that was listed	NO

LTCMD	80	Output field showing the default command at logon of the userid that was listed.	NO
LTDEST	8	Output field showing the default destination of the userid that was listed.	NO
LTHCLAS	1	Output field showing the default hold class of the userid that was listed	NO
LTJCLAS	1	Output field showing the default job class of the userid that was listed	NO
LTLPROC	8	Output field showing the default logon procedure of the userid that was listed	NO
LTLSIZE	7	Output field showing the default logon size of the userid that was listed	NO
LTMCLAS	1	Output field showing the default message class of the userid that was listed	NO
LTMSIZE	7	Output field showing the maximum logon size of the userid that was listed	NO
LTSCLAS	1	Output field showing the default SYSOUT class of the userid that was listed	NO
LTUDATA	4	Output field showing the user data of the userid that was listed	NO
LTUNIT	8	Output field showing the default unit of the userid that was listed	NO
LTSLABL	8	Output field showing the default logon security label of the userid that was listed	NO
LTSOSAV	1	RESERVED	NO

User TSO Segment Administration API Example:

The following Assembler layout sample can be found in member CPYUTP in the SSA version 1.3 install library:

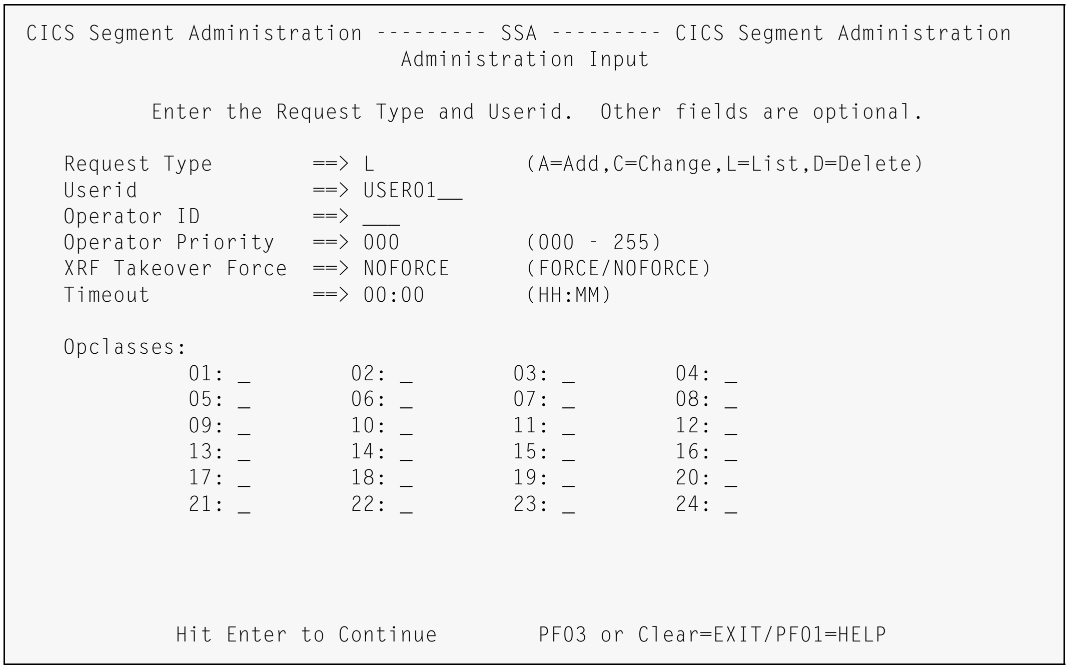
```
CACTION     DS     CL1        ACTION REQUESTED
CUSERID     DS     CL8        USERID
CTACCT      DS     CL40       ACCOUNT NUMBERS
CTCMD       DS     CL80       DEFAULT CMD AT LOGON
CTDEST      DS     CL8        DESTINATION
CTHCLAS     DS     CL1        DEFAULT HOLD CLASS
CTJCLAS     DS     CL1        DEFAULT JOB CLASS
CTLPROC     DS     CL8        DEFAULT LOGON PROC
CTLSIZE     DS     CL7        LOGON SIZE
CTMCLAS     DS     CL1        DEFAULT MESSAGE CLASS
CTMSIZE     DS     CL7        MAXIMUM REGION SIZE
CTSCLAS     DS     CL1        DEFAULT SYSOUT CLASS
CTUDATA     DS     CL4        USER DATA
CTUNIT      DS     CL8        DEFAULT UNIT NAME
CTSLABL     DS     CL8        DEFAULT LOGON SECLABEL
*
LUSERID     DS     CL8        USERID
LTACCT      DS     CL40       ACCOUNT NUMBERS
LTCMD       DS     CL80       DEFAULT CMD AT LOGON
LTDEST      DS     CL8        DESTINATION
LTHCLAS     DS     CL1        DEFAULT HOLD CLASS
LTJCLAS     DS     CL1        DEFAULT JOB CLASS
LTLPROC     DS     CL8        DEFAULT LOGON PROC
LTLSIZE     DS     CL7        LOGON SIZE
LTMCLAS     DS     CL1        DEFAULT MESSAGE CLASS
LTMSIZE     DS     CL7        MAXIMUM REGION SIZE
LTSCLAS     DS     CL1        DEFAULT SYSOUT CLASS
LTUDATA     DS     CL4        USER DATA
LTUNIT      DS     CL8        DEFAULT UNIT NAME
LTSLABL     DS     CL8        DEFAULT LOGON SECLABEL
LTSOSAV     DS     CL1        SAVE INFO FROM LIST SCREEN?
            ORG    COMMAREA+32760
```

User CICS Segment Administration Screens

Perform List User CICS Segment

Perform the following steps to issue the equivalency of a RACF List User CICS Segment command (i.e., LISTUSER USER01 CICS NORACF):

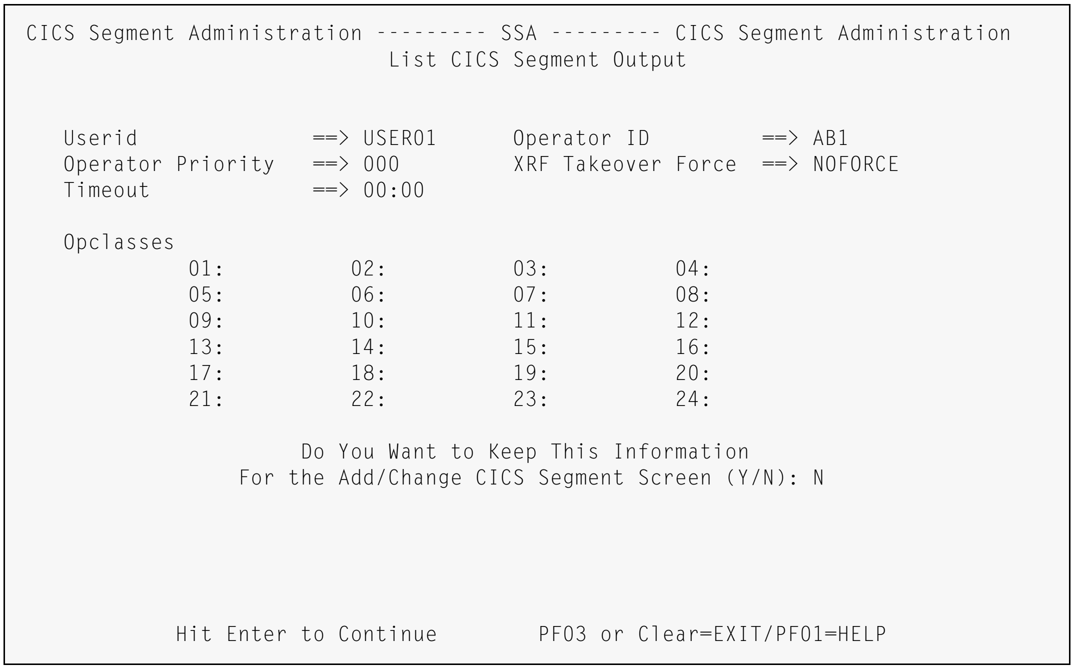
1. Enter ‘L’ in the Request Type field.
2. TAB to the Userid field, type in the userid, and press ENTER.



```
CICS Segment Administration --------- SSA --------- CICS Segment Administration
                              Administration Input

          Enter the Request Type and Userid.  Other fields are optional.

   Request Type        ==> L            (A=Add,C=Change,L=List,D=Delete)
   Userid              ==> USER01__
   Operator ID         ==> ___
   Operator Priority   ==> 000          (000 - 255)
   XRF Takeover Force  ==> NOFORCE      (FORCE/NOFORCE)
   Timeout             ==> 00:00        (HH:MM)

   Opclasses:
             01: _        02: _        03: _        04: _
             05: _        06: _        07: _        08: _
             09: _        10: _        11: _        12: _
             13: _        14: _        15: _        16: _
             17: _        18: _        19: _        20: _
             21: _        22: _        23: _        24: _




            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

List User CICS Segment Display

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



```
CICS Segment Administration --------- SSA --------- CICS Segment Administration
                             List CICS Segment Output


   Userid              ==> USER01      Operator ID         ==> AB1
   Operator Priority   ==> 000         XRF Takeover Force  ==> NOFORCE
   Timeout             ==> 00:00

   Opclasses
             01:          02:          03:          04:
             05:          06:          07:          08:
             09:          10:          11:          12:
             13:          14:          15:          16:
             17:          18:          19:          20:
             21:          22:          23:          24:

                      Do You Want to Keep This Information
                 For the Add/Change CICS Segment Screen (Y/N): N





            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

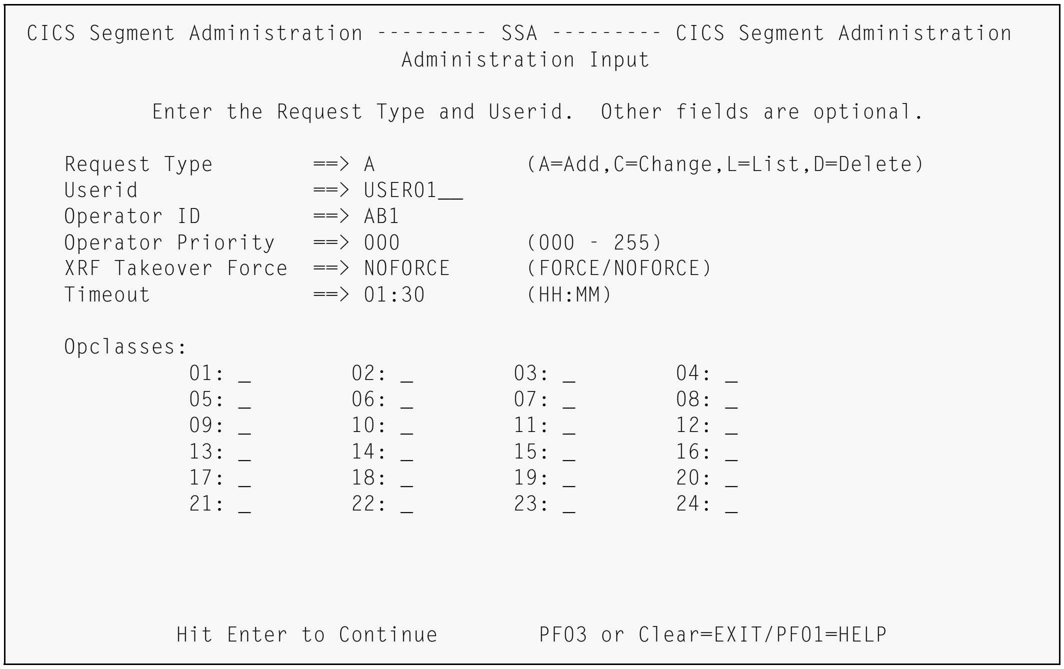
EXPLANATION:

Always press ENTER after a List User CICS Segment, or to recover from a message, to return to the User CICS Segment Administration Main panel.

Add User CICS Segment

Perform the following steps to issue the equivalency of a RACF Alter User CICS Segment command (i.e., ALTUSER USER01 CICS (OPIDENT(AB1) TIMEOUT(0130)):

1. Enter ‘A’ into the Request Type field
2. TAB to the Userid field, type in the userid profile.
3. TAB to the Operator Identity field, type in the opid.
4. TAB to the Timeout field, type in the timeout value, and press ENTER.



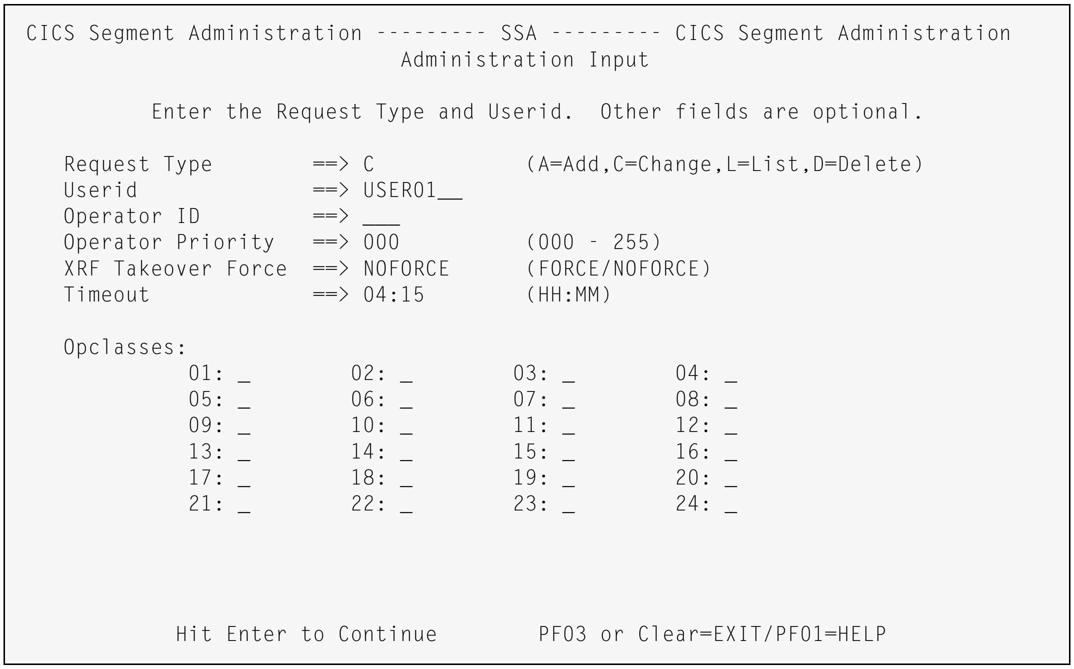
```
CICS Segment Administration --------- SSA --------- CICS Segment Administration
                              Administration Input

          Enter the Request Type and Userid.  Other fields are optional.

   Request Type        ==> A           (A=Add,C=Change,L=List,D=Delete)
   Userid              ==> USER01__
   Operator ID         ==> AB1
   Operator Priority   ==> 000         (000 - 255)
   XRF Takeover Force  ==> NOFORCE     (FORCE/NOFORCE)
   Timeout             ==> 01:30       (HH:MM)

   Opclasses:
             01: _        02: _        03: _        04: _
             05: _        06: _        07: _        08: _
             09: _        10: _        11: _        12: _
             13: _        14: _        15: _        16: _
             17: _        18: _        19: _        20: _
             21: _        22: _        23: _        24: _




            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process adds a CICS segment for the userid specified. All other fields are optional. The default values for optional fields if not specified are: The Operator ID field defaults to all zeroes, the Operator Priority field defaults to all zeroes, the Timeout field defaults to all zeroes, XRF Takeover Force field defaults to NOFORCE.

Change User CICS Segment

Perform the following steps to issue the equivalency of a RACF Alter User CICS Segment command (i.e., ALTUSER USER01 CICS (TIMEOUT(0415)):

1. Enter ‘C’ into the Request Type field
2. TAB to the Userid field, type in the userid profile.
3. TAB to the Timeout field, type in the new timeout value, and press ENTER.



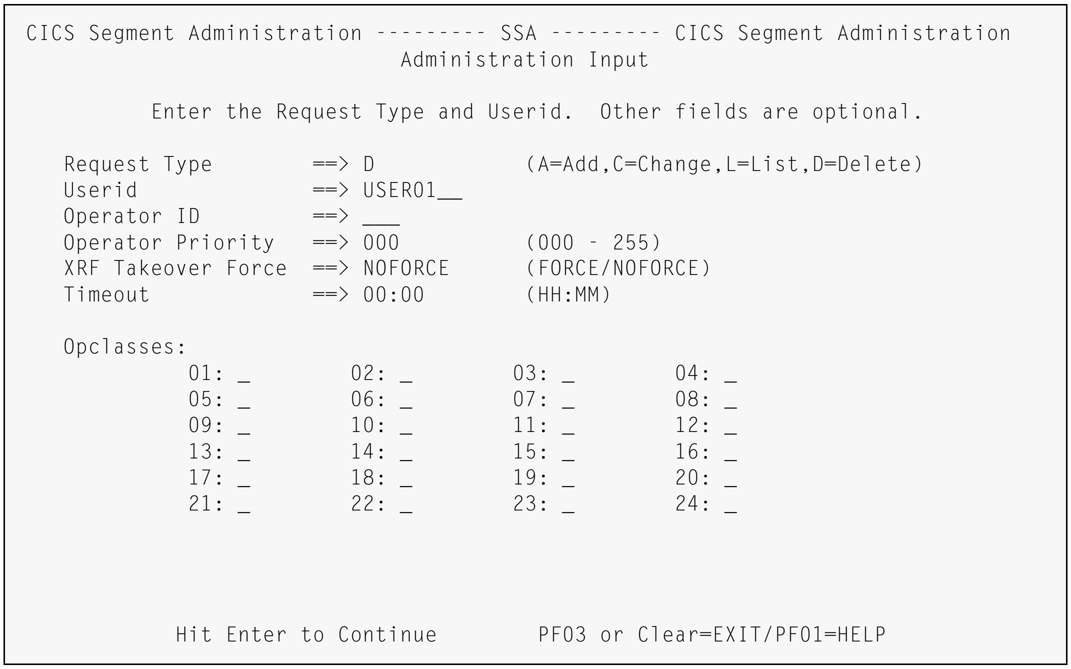
```
CICS Segment Administration --------- SSA --------- CICS Segment Administration
                              Administration Input

          Enter the Request Type and Userid.  Other fields are optional.

   Request Type        ==> C            (A=Add,C=Change,L=List,D=Delete)
   Userid              ==> USER01__
   Operator ID         ==> ___
   Operator Priority   ==> 000          (000 - 255)
   XRF Takeover Force  ==> NOFORCE      (FORCE/NOFORCE)
   Timeout             ==> 04:15        (HH:MM)

   Opclasses:
             01: _        02: _        03: _        04: _
             05: _        06: _        07: _        08: _
             09: _        10: _        11: _        12: _
             13: _        14: _        15: _        16: _
             17: _        18: _        19: _        20: _
             21: _        22: _        23: _        24: _



            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process changes the specified userid’s CICS segment. At least one of the other fields is required. All other fields are optional. No fields are updated unless specified.

Delete User CICS Segment

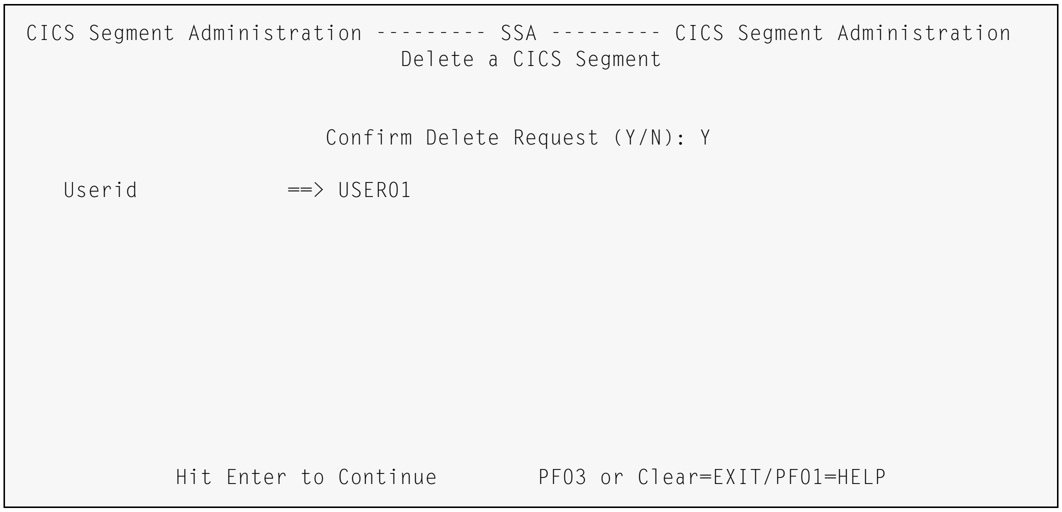
Perform the following steps to issue the equivalency of a RACF Alter User CICS Segment command (i.e., ALTUSER NOCICS):

1. Enter ‘D’ into the Request Type field
2. TAB to the Userid field, type in the userid profile, and press ENTER.



```
CICS Segment Administration --------- SSA --------- CICS Segment Administration
                              Administration Input

          Enter the Request Type and Userid.  Other fields are optional.

   Request Type        ==> D            (A=Add,C=Change,L=List,D=Delete)
   Userid              ==> USER01__
   Operator ID         ==> ___
   Operator Priority   ==> 000          (000 - 255)
   XRF Takeover Force  ==> NOFORCE      (FORCE/NOFORCE)
   Timeout             ==> 00:00        (HH:MM)

   Opclasses:
             01: _        02: _        03: _        04: _
             05: _        06: _        07: _        08: _
             09: _        10: _        11: _        12: _
             13: _        14: _        15: _        16: _
             17: _        18: _        19: _        20: _
             21: _        22: _        23: _        24: _




            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

This process deletes the specified userid’s CICS Segment. The following screen is presented to confirm the delete. Change the N to Y and press ENTER.



```
CICS Segment Administration --------- SSA --------- CICS Segment Administration
                              Delete a CICS Segment


                        Confirm Delete Request (Y/N): Y

   Userid            ==> USER01










            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

User CICS Segment Administration API Invocation

All calls to the SSA-CDA API involve calling the API program AAZCLNT with a COMMAREA that is always 32760 in length (See API details at the beginning of this chapter). The COMMAREA consists of a header that is used for all invocations of the API and then the data for the actual requested function. Below is a table detailing the fields and formats for the User CICS Segment Administration SSA-CDA API call:

Field Label	Length	Explanation	Required on Invocation?

CACTION	1	Action requested. The valid values are:
		L = List
		A = Add
		C = Change
		D = Delete
			YES

CUSERID	8	Userid to be affected.	YES
COPID	3	Operator identifier to be used if request is an add or change.	NO
COPPRTY	3	Operator priority to be used if request is an add or change.	NO
CXRFS	7	XRFORCE indicator if request is an add or change. The valid values are: FORCE NOFORCE	NO
CTIME	6	Timeout value to be used if request is an add or change. The format of the value must be HH:MM	NO
COPCL01	1	Indicator to add operator class 01 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL02	1	Indicator to add operator class 02 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL03	1	Indicator to add operator class 03 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL04	1	Indicator to add operator class 04 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL05	1	Indicator to add operator class 05 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL06	1	Indicator to add operator class 06 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL07	1	Indicator to add operator class 07 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL08	1	Indicator to add operator class 08 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL09	1	Indicator to add operator class 09 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL10	1	Indicator to add operator class 10 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO

COPCL11	1	Indicator to add operator class 11 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL12	1	Indicator to add operator class 12 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL13	1	Indicator to add operator class 13 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL14	1	Indicator to add operator class 14 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL15	1	Indicator to add operator class 15 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL16	1	Indicator to add operator class 16 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL17	1	Indicator to add operator class 17 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL18	1	Indicator to add operator class 18 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL19	1	Indicator to add operator class 19 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL20	1	Indicator to add operator class 20 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL21	1	Indicator to add operator class 21 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL22	1	Indicator to add operator class 22 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL23	1	Indicator to add operator class 23 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
COPCL24	1	Indicator to add operator class 24 if the request is an add or change. Must be ‘Y’ or ‘N”.	NO
LUSERID	8	Output field indicating userid that was listed	YES
LOPID	3	Output field showing the opid of the userid that was listed	NO
LOPPRTY	3	Output field showing the operator priority of the userid that was listed.	NO
LXRFS	7	Output field showing the XRFORCE of the userid that was listed. The valid values are FORCE NOFORCE	NO
LTIME	6	Output field showing the timeout value of the userid that was listed.	NO
LOPCL01	1	Output filed indicating that the userid listed has operator class 01.	NO
LOPCL02	1	Output filed indicating that the userid listed has operator class 02.	NO
LOPCL03	1	Output filed indicating that the userid listed has operator class 03.	NO

LOPCL04	1	Output filed indicating that the userid listed has operator class 04.	NO
LOPCL05	1	Output filed indicating that the userid listed has operator class 05.	NO
LOPCL06	1	Output filed indicating that the userid listed has operator class 06.	NO
LOPCL07	1	Output filed indicating that the userid listed has operator class 07.	NO
LOPCL08	1	Output filed indicating that the userid listed has operator class 08.	NO
LOPCL09	1	Output filed indicating that the userid listed has operator class 09.	NO
LOPCL10	1	Output filed indicating that the userid listed has operator class 10.	NO
LOPCL11	1	Output filed indicating that the userid listed has operator class 11.	NO
LOPCL12	1	Output filed indicating that the userid listed has operator class 12.	NO
LOPCL13	1	Output filed indicating that the userid listed has operator class 13.	NO
LCOPCL14	1	Output filed indicating that the userid listed has operator class 14.	NO
LCOPCL15	1	Output filed indicating that the userid listed has operator class 15.	NO
LCOPCL16	1	Output filed indicating that the userid listed has operator class 16.	NO
LCOPCL17	1	Output filed indicating that the userid listed has operator class 17.	NO
LCOPCL18	1	Output filed indicating that the userid listed has operator class 18.	NO
LCOPCL19	1	Output filed indicating that the userid listed has operator class 19.	NO
LCOPCL20	1	Output filed indicating that the userid listed has operator class 20.	NO
LOPCL21	1	Output filed indicating that the userid listed has operator class 21.	NO
LCOPCL22	1	Output filed indicating that the userid listed has operator class 22.	NO
LOPCL23	1	Output filed indicating that the userid listed has operator class 23.	NO
LOPCL24	1	Output filed indicating that the userid listed has operator class 24.	NO

User CICS Segment Administration API Example:

The following Assembler layout sample can be found in member CPYUTC in the SSA version 1.3 install library:

```
CACTION     DS     CL1         ACTION REQUESTED
CUSERID     DS     CL8         USERID
COPID       DS     CL3         OPERATOR ID
COPPRTY     DS     CL3         OPERATOR PRIORITY
CXRFS       DS     CL7         XRF FORCE
CTIME       DS     CL5         TIMEOUT
COPCL01     DS     C           OPERATOR CLASSES
COPCL02     DS     C
COPCL03     DS     C
COPCL04     DS     C
COPCL05     DS     C
COPCL06     DS     C
COPCL07     DS     C
COPCL08     DS     C
COPCL09     DS     C
COPCL10     DS     C
COPCL11     DS     C
COPCL12     DS     C
COPCL13     DS     C
COPCL14     DS     C
COPCL15     DS     C
COPCL16     DS     C
COPCL17     DS     C
COPCL18     DS     C
COPCL19     DS     C
COPCL20     DS     C
COPCL21     DS     C
COPCL22     DS     C
COPCL23     DS     C
COPCL24     DS     C
*
LUSERID     DS     CL8         USERID
LOPID       DS     CL3         OPERATOR ID
LOPPRTY     DS     CL3         OPERATOR PRIORITY
LXRFS       DS     CL7         XRFS FORCE
LTIME       DS     CL5         TIMEOUT
LOPCL01     DS     C           OPERATOR CLASS
LOPCL02     DS     C
LOPCL03     DS     C
LOPCL04     DS     C
LOPCL05     DS     C
LOPCL06     DS     C
LOPCL07     DS     C
LOPCL08     DS     C
LOPCL09     DS     C
LOPCL10     DS     C
LOPCL11     DS     C
LOPCL12     DS     C
LOPCL13     DS     C
LOPCL14     DS     C
```

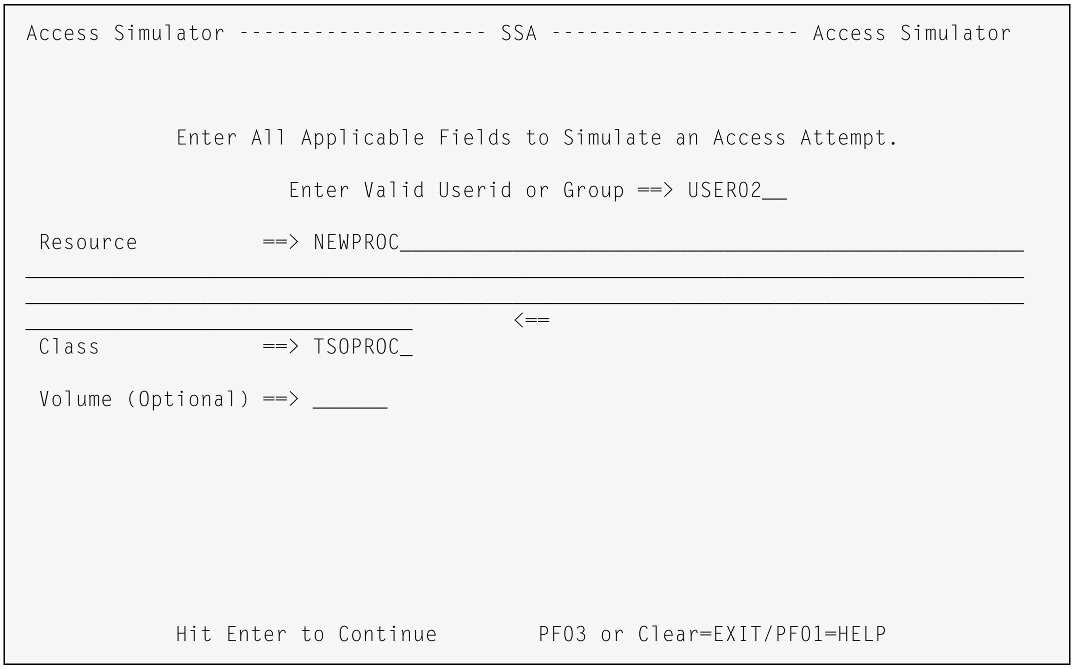
```
LOPCL15     DS     C
LOPCL16     DS     C
LOPCL17     DS     C
LOPCL18     DS     C
LOPCL19     DS     C
LOPCL20     DS     C
LOPCL21     DS     C
LOPCL22     DS     C
LOPCL23     DS     C
LOPCL24     DS     C
            ORG    COMMAREA+32760
```

ACCESS SIMULATOR SCREENS

Perform Access Simulation

Perform the following steps to issue an actual check against RACF on behalf of the specified Userid or Group.

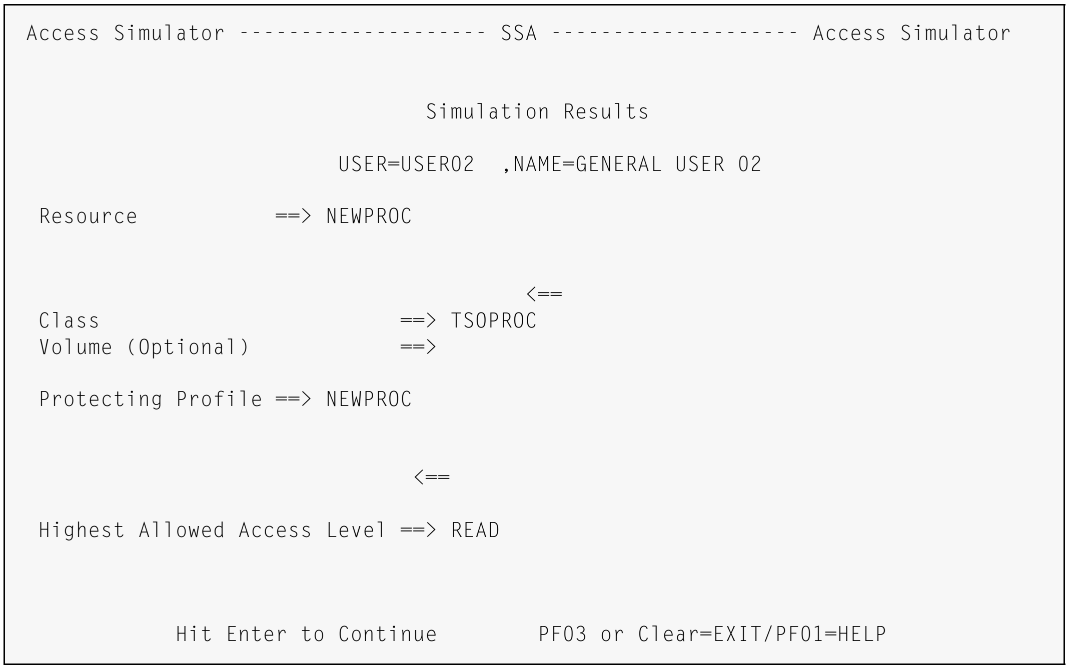
1. Enter a valid Userid or Group.
2. TAB to the Resource field, type in a fully qualified resource.
3. TAB to the Class field, type in the class name, and press ENTER.



```
Access Simulator -------------------- SSA -------------------- Access Simulator


            Enter All Applicable Fields to Simulate an Access Attempt.

                     Enter Valid Userid or Group ==> USER02__

 Resource          ==> NEWPROC__________________________________________________
________________________________________________________________________________
________________________________________________________________________________
_______________________________                 <==
 Class             ==> TSOPROC_

 Volume (Optional) ==> ______






            Hit Enter to Continue       PF03 or Clear=EXIT/PF01=HELP
```

Simulation Results

If the user has READ access to the appropriate MAA$RULE class profile the following screen will be displayed.



```
Access Simulator -------------------- SSA -------------------- Access Simulator


                                Simulation Results

                         USER=USER02  ,NAME=GENERAL USER 02

 Resource           ==> NEWPROC


                                        <==
 Class                        ==> TSOPROC
 Volume (Optional)            ==>

 Protecting Profile ==> NEWPROC


                               <==

 Highest Allowed Access Level ==> READ



            Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Always press ENTER after a Simulation Results screen, or to recover from a message, to return to the Access Simulator Main panel.

Access Simulator API Invocation:

All calls to the SSA-CDA API involve calling the API program AAZCLNT with a COMMAREA that is always 32760 in length (See “ Application Programming Interface” on page 376). The COMMAREA consists of a header that is used for all invocations of the API and then the data for the actual requested function. Below is a table detailing the fields and formats for the Access Simulator SSA-CDA API call:

Field Label	Length	Explanation	Required on Invocation?

AUTTYPE	3	Access check type. The valid values are:
		RSC = General resource profile
		DSN = Dataset profile
			YES

AUTATTR	8	Output field that shows the access level that the access entity has to the specified resource/class or dataset profile.	NO
AUTENT	8	Userid or Group to check against specified resource/class or dataset profile	YES
AUTCLAS	8	Class to check for specified dataset or resource profile. USER and GROUP are not valid for this field. The valid values are: DATASET Any General Resource Class name	NO
AUTVOL	6	Volume to check for specified dataset profile. This is only valid when the class field is DATASET.	NO
AUTPROF	246	Resource/Dataset profile to check.	YES
AUTNAME	20	Output field for the name of a userid. This field will be filled in.	NO

AUTSTAT	1	Output field that indicates if the AUTENT is a userid or a group. The valid values are:
		G = group
		U = userid
			NO

AUTPROT	246	Output field that shows the profile from RACF that protects the specified resource/class or dataset profile.	NO

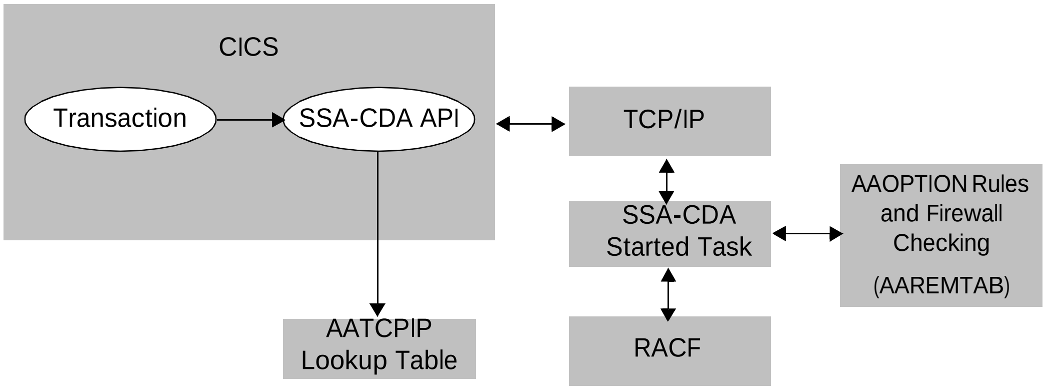
Access Simulator API Example:

The following Assembler layout sample can be found in member CPYAUT in the SSA version 1.3 install library:

```
AUTTYPE    DS      CL3    WILL AUTOMATICALLY BE SET BY
*                         AAZVFYAU  TO 'RSC', OR 'DSN'
AUTATTR    DS      CL8    RETURNED ACCESS TYPE
AUTENT     DS      CL8    USERID OR GROUP
AUTCLAS    DS      CL8    CLASS
AUTVOL     DS      CL6    VOLUME (OPTIONAL)
AUTPROF    DS      CL246  RESOURCE
AUTNAME    DS      CL20   RETURNED NAME (IF STAT=G)
AUTSTAT    DS      CL1    RETURNED G (GROUP) OR U (USER)
AUTPROT    DS      CL246  RETURNED PROTECTING PROFILE

           ORG     COMMAREA+32760
```

Cross Platform Administration

CICS Direct Administration uses TCP/IP to communicate its requests from a CICS based application to a started task that processes those requests. Those requests can be initiated from one distinct system to another as long as SSA-CDA is setup properly on each system. This allows an administrator or user to perform SSA-CDA functions on multiple distinct systems from one CICS region. It is important to understand the request flow so that all the components and settings involved will make sense. Below is a flow chart to show how a request is routed and handled:



The request takes the following steps:

1. A transaction or program is initiated to invoke the SSA-CDA API.
2. The SSA-CDA API receives the request and does the following:
   - Checks the incoming request for syntax errors.
   - Retrieves the associated IP address and port from the AATCPIP module.
   - Upon syntax validation, the API initiates a conversation with the SSA-CDA started task.
   - Upon establishing the conversation, the API encrypts the request and sends it to the SSA-CDA started task.
3. The started task receives the request and does the following:

Decrypts the request.

- Checks the incoming request for syntax errors.
- Loads the security syntax rules established for SSA from the AAOPTION module.
- Loads and checks the table of allowed IP addresses from AAREMTAB module.
- If the request is a remote system request, the task validates userid and password supplied.
- Verifies requesters authority to perform the requested function.
- Upon verification of the requesters authority, the started task performs the function requested and communicates the results back to the requester via TCP/IP.

4. The SSA-CDA API receives the results back from the started task and returns those results back to the originating transaction or program

Setup Cross Platform Administration:

To setup SSA-CDA to do cross platform administration you must do the following:

Important Note: To help clarify the explanation below, the documentation will refer to two systems - SYSTEMA and SYSTEMB. SYSTEMA is the system via SSA-CDA sending RACF requests to SYSTEMB. SYSTEMA has the following settings:

TCP/IP Task Name	=TCPIPSYA
TCP/IP Task IP ADDRESS	=205.185.254.2
CICS Task	=SYSACICS
CICS Task PORT	=3500

SYSTEMB is the system with the started task receiving and processing the requests. SYSTEMB has the following settings:

TCP/IP Task Name	=TCPIPSYB
TCP/IP Task IP ADDRESS	=205.185.254.3

SSA-CDA Started Task PORT=4500

Changes to Be Made On SYSTEMA:

- A full base installation must be done. It is important to note that if you do not require certain features on this system (i.e., The SCHEDULER) or you are not licensed for that module on the remote system you do not need to perform those steps directly related to those modules. You must do the CICS Direct Administration step.
- Edit member AATCPIP in the SSA install library and create an entry that directs the requests for a particular transaction to SYSTEMB. AATCPIP is a table that contains a reference to the transaction that is executing the SSA-CDA API. The reference contains the IP address, port and other important fields that tell the API where to route the request. Below is a complete explanation of AATCPIP and the significance of the fields and values involved:

AATCPIP Entry Sample:

```
*  THIS FIRST ENTRY IS REQUIRED.  IT IS THE DEFAULT DATA
*  THAT WILL BE USED IF YOUR TRANSACTION NAME DOES NOT MATCH
*  ONE IN THIS TABLE.
*
DFLT_TRANS    DC  CL4'DFLT'        REQUIRED - DEFAULT TRANSACTION
DFLT_TCPIP    DC  CL8'TCPIPMVS'    TCPIP JOB NAME
DFLT_CICS     DC  CL8'SENTCICS'    CICS JOB NAME
DFLT_DISPLAY  DC  C'N'             N=DO NOT DISPLAY,Y=DISPLAY
DFLT_IP_ADDR  DC  CL15'205.185.254.3'
DFLT_PORT     DC  H'3500'          TCPIP PORT NUMBER
DFLT_DESC     DC  CL40'DEFAULT SYSTEM'
```

Field Label	Length	Content	Explanation
DFLT_TRANS	4	Transaction that is invoking the SSA-CDA API	The transaction or program that invokes the API if not supplied to the API is retrieved and used as the lookup in the AATCPIP table. If the transaction or program wants to route to another system based on that value it can supply a different value to the API and have it routed accordingly.
DFLT_TCPIP	8	Name of the TCP/IP started task.	The name of the TCP/IP started task for the system the CICS component is running on must be supplied.
DFLT_CICS	8	Name of the CICS region.	The name of the CICS region the SSA-CDA module is installed in must be supplied.
DFLT_DISPLAY	1	‘Y’ or ‘N’	The default display flag tells the API and the invoking transaction or program to either display or not display the connecting system information. The information displayed is IP address, PORT and the 40 character description field. This is helpful in letting the invoking user know what system the request is being routed to.
DFLT_IP_ADDR	15	IP address of the TCP/IP started task on SYSTEMB	The IP address of the TCP/IP started task on the destination system must be supplied. The request is routed based on this IP address and the PORT too.
DFLT_PORT	2 (Half word)	PORT assigned to the SSA-CDA started task on the SYSTEMB (Binary number)	The PORT assigned to the SSA-CDA started task on the destination system must be supplied. The request is first routed to the TCP/IP started task based on the IP address supplied and then TCP/IP routes the request to the SSA-CDA started task based on PORT assignment.
DFLT_DESC	40	Comments	If you set the display flag to ‘Y’, the 40 character description field is displayed on the invoking transactions initial screen. This is useful in that a plain English explanation or description can be assigned to the routing that is being done.

Sample AATCPIP Entry Addition:

The following entry is a sample addition to AATCPIP based on the SYSTEMA to SYSTEMB scenario. The entry added indicates that transaction SAPB will route its requests to SYSTEMB.

```
**** Default Entry (must be in table) ****
**
**   AATCPIP ADDITION FOR SYSTEMB
**
SYSTEMB_TRANS    DC  CL4'SAPB'            PASSWORD ADMIN FOR SYSTEMB
SYSTEMA_TCPIP    DC  CL8'TCPIPSYA'        SYSTEMA TCPIP JOB NAME
SYSTEMA_CICS     DC  CL8'SYSACICS'        SYSTEMA CICS JOB NAME
SYSTEMB_DISPLAY  DC  C'Y'                 N=DO NOT DISPLAY,Y=DISPLAY
SYSTEMB_IP_ADDR  DC  CL15'205.185.254.3'  SYSTEMB TCPIP TASK ADDR
SYSTEMB_PORT     DC  H'4500'              SYSTEMB CICS PORT NUMBER
SYSTEMB_DESC     DC  CL40'SYSTEMB'        DESCRIPTION OF DESTINATION
```

Once you have made your addition to the AATCPIP table you must assemble it. You can use the supplied ASSEMBLE member in the SSA version 1.3 install library.

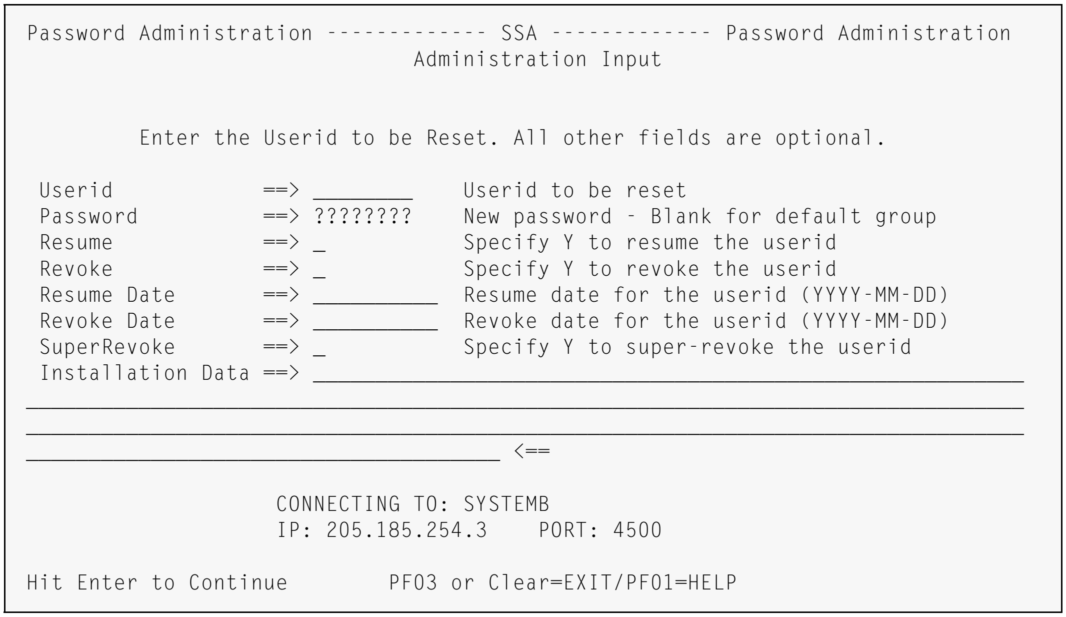
- Define the new transaction to SYSTEMA. If the invoking transaction uses the same SSA-CDA program as the default Password Administration transaction SAPW, then all you have to do is define the new transaction with the same attributes as SAPW. You can do this in batch using the DFCSDUP program or by executing transaction CEDA in the CICS region you are installing the software. Below is an example of that definition being done with CEDA:

CEDA Define Sample:

```
CEDA DEFINE TRANS(SAPB) GROUP(SSA)
DESCRIPTION(REMOTE PASSWORD ADMINISTRATION ON SYSTEMB)
PROGRAM(AAZPWA01)
```

SYSTEMA installation is complete. You must now proceed to configure SYSTEMB to receive and process the requests from SYSTEMA.

Below is an example of what the Password Administration screen would look like with the remote IP, PORT and description displayed:



```
Password Administration ------------ SSA ------------ Password Administration
                              Administration Input


         Enter the Userid to be Reset. All other fields are optional.

 Userid            ==> ________    Userid to be reset
 Password          ==> ????????    New password - Blank for default group
 Resume            ==> _           Specify Y to resume the userid
 Revoke            ==> _           Specify Y to revoke the userid
 Resume Date       ==> __________  Resume date for the userid (YYYY-MM-DD)
 Revoke Date       ==> __________  Revoke date for the userid (YYYY-MM-DD)
 SuperRevoke       ==> _           Specify Y to super-revoke the userid
 Installation Data ==> _________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
______________________________________  <==


                    CONNECTING TO: SYSTEMB
                    IP: 205.185.254.3    PORT: 4500

Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Changes to Be Made On SYSTEMB:

- A full base installation must be done. It is important to note that if you do not require certain features on this system (i.e., The SCHEDULER) or you are not licensed for that module on the remote system you do not need to perform those steps directly related to those modules. You must do the CICS Direct Administration step
- Define the security rules you want established to govern the requests received. See " Security" on page 370.
- Edit member AAREMTAB in the SSA install library and create an entry that allows requests from SYSTEMA to be honored. The table in AAREMTAB is used by the SSA-CDA started task to do a secondary check on the request validating if the IP address of the requestor is to be honored. The entries in AAREMTAB can use generic masking. The generic masking can use the following conventions:

Generic Masking in AAREMTAB:

Asterisk (*):

- By itself indicates all entries are honored. This is the default entry in AAREMTAB.
- At the end of a string indicates that the string must match and all other characters following are honored.
- At the beginning of a string and simultaneous at the end of that string indicates that the characters of the string specified will be searched for throughout the IP of the incoming request. For example you could specify '*205.185*'. In this case, the SSA-CDA started task would search the entire IP address of the incoming request for 205.185. If found, the request is honored.
- In any other position in the string, the asterisk is not honored as a generic character. Specifying the asterisk in this fashion is invalid.

Percent Sign (%):

- The percent sign can be used anywhere and as often as required in the search string as a single character generic masking character, however, it is not honored if you are using the asterisk at beginning and end of string masking scheme.

Obviously you can specify exact IP addresses in the table to be honored. Below is the default layout for AAREMTAB and an example addition for honoring requests from SYSTEMA:

AAREMTAB Example:

```
********************************************
**                                        **
**  AUTHORIZED REMOTE IP ADDRESSES        **
**                                        **
********************************************
SYSTEMA_ENTRY   DC    CL15'205.185.254.2'
END_OF_TABLE    DC    CL15'###############'
```

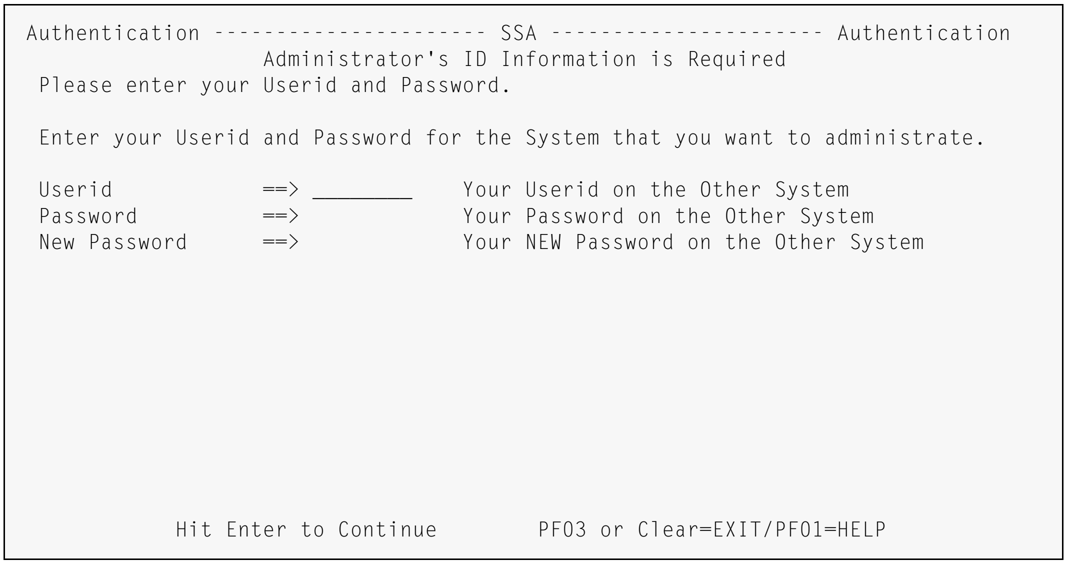
The sample above contains the explicit IP address of SYSTEMA. SYSTEMB will honor all requests that come from that IP address. Also displayed is the mandatory END_OF_TABLE entry that must be the last entry in the table of entries. Once you have made your addition to the AATCPIP table you must assemble it. You can use the supplied ASSEMBLE member in the SSA version 1.3 install library.

SYSTEMB is now setup to receive the requests from SYSTEMA. You must make sure that the SSA-CDA started task AASTC02 on the SYSTEMB has started successfully.

Cross Platform Request Validation

If a SSA-CDA request is sent to a remote system, the invoker must supply a valid userid and password for the remote system. Of course, the userid must be permitted to perform the option requested as well. Below is an example of the userid and password prompting screen. It is important to note that the screen allows a user to not only enter in their password but also enter in a new password if they wish to change it. The started task does a RACROUTE=VERIFY with the userid and password supplied, therefore, all the conditions of a signon apply. For example, if the userid's password is expired, the SSA-CDA dialog will come back with a notification of that status.

SSA-CDA Userid and Password Prompt:



```
Authentication --------------------- SSA --------------------- Authentication
                  Administrator's ID Information is Required
 Please enter your Userid and Password.

 Enter your Userid and Password for the System that you want to administrate.

 Userid            ==> ________    Your Userid on the Other System
 Password          ==>             Your Password on the Other System
 New Password      ==>             Your NEW Password on the Other System










           Hit Enter to Continue        PF03 or Clear=EXIT/PF01=HELP
```

Cross Platform Administration API Requirements:

If the SSA-CDA request is being sent across platforms, the request must have a valid userid/password combination; valid on the remote system. When the API is used for cross platform administration the userid must be put in the CADMINID field in the API header and the valid password for that userid must be placed in the CADMPW field (see API header part of this section). If the user needs to or wants to change their password, the new password must be placed in the CADMNEW field. The userid's password will be updated only if all three fields are correct.

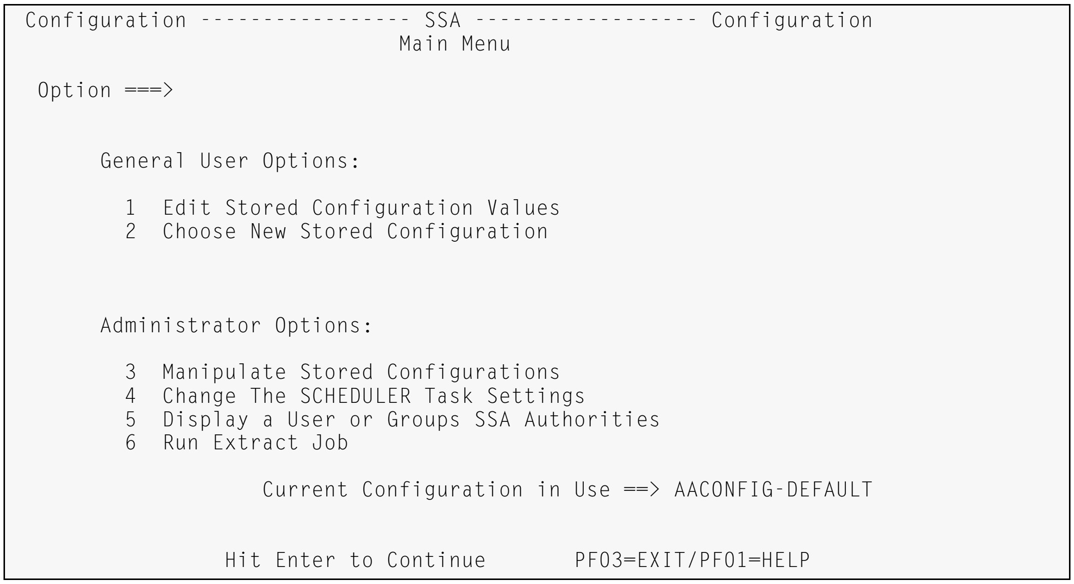
Chapter 10 Configuration

The chapter describes the following configuration topics:

- Screen Configuration Options
- Setting Up SSA users and administrators
- AAOPTION Configuration Module - System Level Configuration Options

Configuration Main Menu

The Configuration Main Menu includes two groups of options for general users and SSA administrators. General users can select options to edit their personal configuration and store new configuration values. SSA Administrators can view and change SSA configuration settings.



```
Configuration ----------------- SSA ------------------ Configuration
                              Main Menu

 Option ===>


      General User Options:

        1  Edit Stored Configuration Values
        2  Choose New Stored Configuration



      Administrator Options:

        3  Manipulate Stored Configurations
        4  Change The SCHEDULER Task Settings
        5  Display a User or Groups SSA Authorities
        6  Run Extract Job

                   Current Configuration in Use ==> AACONFIG-DEFAULT


                Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

Edit Stored Configuration Values This option allows an administrator or user to change configuration values stored in their personal ISPF profile.

Choose New Stored Configuration
This option allows users or administrators to select another stored configuration to use with SSA.

Manipulate Stored Configurations
This option is restricted to administrators. This function allows an administrator to retrieve and manipulate stored configurations.

Change the Scheduler Task Settings
This option is restricted to administrators. This feature allows an administrator to change the settings of the SCHEDULER started task.

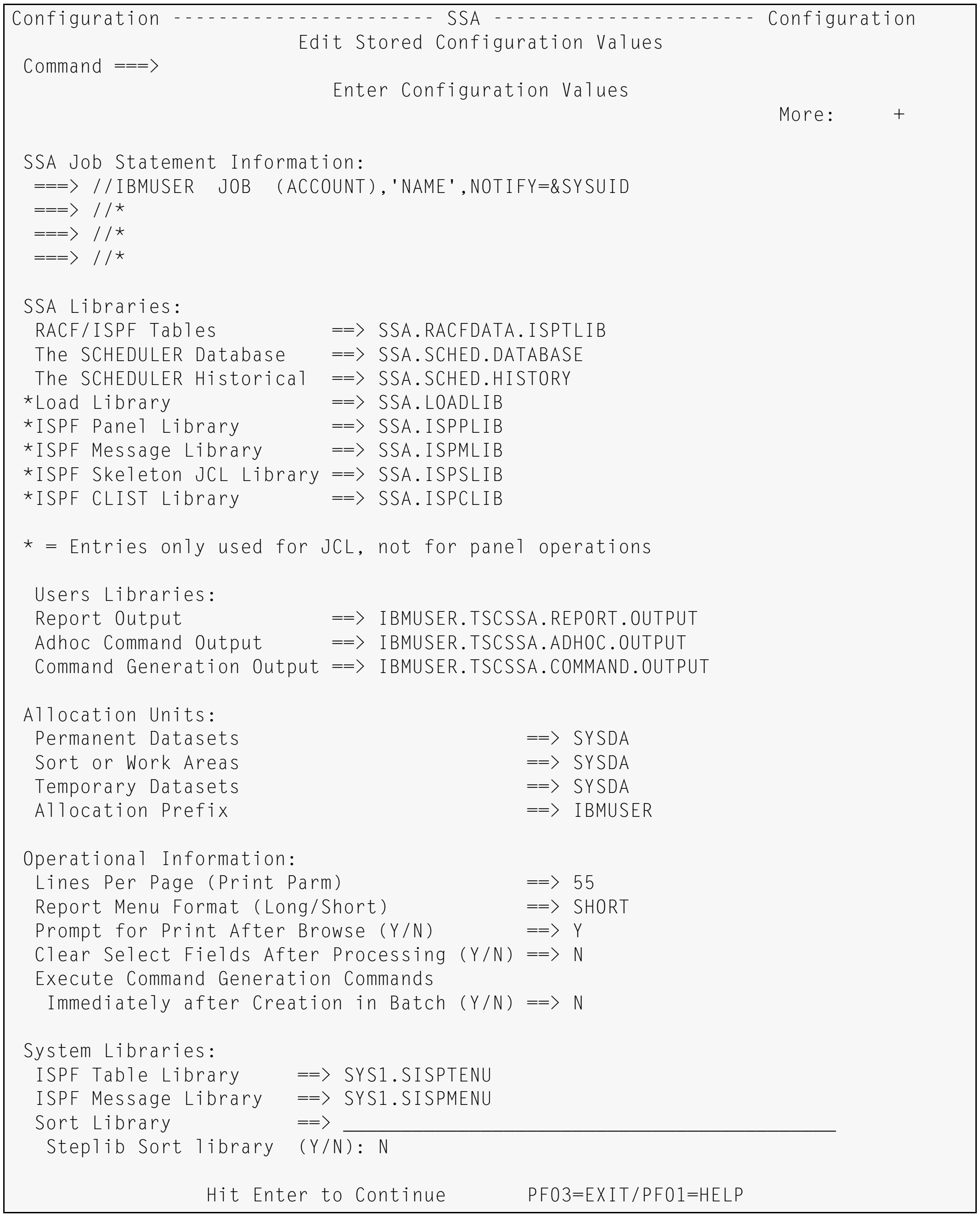
Display a Users or Groups SSA Authorities
This option is restricted to administrators. This function displays all SSA secured functions and user or group access to those functions.

Run Extract Jobs This option is restricted to administrators. This function will assist the administrator in creating the extract jobs that retrieve and store their RACF information.

Current Configuration in Use The current configuration is displayed for informational purposes only.

Edit Stored Configuration Values

The Edit Stored Configuration Values is a scrollable screen that allows users to change their personal configuration settings. Descriptions of screen fields follow the example shown below.



```
Configuration ----------------------- SSA ----------------------- Configuration
                         Edit Stored Configuration Values
 Command ===>
                            Enter Configuration Values
                                                                   More:     +

 SSA Job Statement Information:
  ===> //IBMUSER  JOB  (ACCOUNT),'NAME',NOTIFY=&SYSUID
  ===> //*
  ===> //*
  ===> //*

 SSA Libraries:
  RACF/ISPF Tables          ==> SSA.RACFDATA.ISPTLIB
  The SCHEDULER Database    ==> SSA.SCHED.DATABASE
  The SCHEDULER Historical  ==> SSA.SCHED.HISTORY
 *Load Library              ==> SSA.LOADLIB
 *ISPF Panel Library        ==> SSA.ISPPLIB
 *ISPF Message Library      ==> SSA.ISPMLIB
 *ISPF Skeleton JCL Library ==> SSA.ISPSLIB
 *ISPF CLIST Library        ==> SSA.ISPCLIB

 * = Entries only used for JCL, not for panel operations

  Users Libraries:
  Report Output             ==> IBMUSER.TSCSSA.REPORT.OUTPUT
  Adhoc Command Output      ==> IBMUSER.TSCSSA.ADHOC.OUTPUT
  Command Generation Output ==> IBMUSER.TSCSSA.COMMAND.OUTPUT

 Allocation Units:
  Permanent Datasets                         ==> SYSDA
  Sort or Work Areas                         ==> SYSDA
  Temporary Datasets                         ==> SYSDA
  Allocation Prefix                          ==> IBMUSER

 Operational Information:
  Lines Per Page (Print Parm)                ==> 55
  Report Menu Format (Long/Short)            ==> SHORT
  Prompt for Print After Browse (Y/N)        ==> Y
  Clear Select Fields After Processing (Y/N) ==> N
  Execute Command Generation Commands
   Immediately after Creation in Batch (Y/N) ==> N

 System Libraries:
  ISPF Table Library     ==> SYS1.SISPTENU
  ISPF Message Library   ==> SYS1.SISPMENU
  Sort Library           ==> ___________________________________________
   Steplib Sort library  (Y/N): N

                 Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

Job Statement
Specify a jobcard that is valid to run in your shop.

RACF/ISPF Tables
This value cannot be changed via this screen. You must choose a stored configuration that has the SSA RACF/ISPF table dataset you want to use.

The SCHEDULER Database
This value can not be changed via this screen. You must choose a stored configuration that has the SSA scheduler database you desire to use.

The SCHEDULER Historical
This value can not be changed via this screen. You must choose a stored configuration that has the SSA scheduler historical database you desire to use.

Load Library
Specify the SSA APF-authorized load library.

ISPF Panel Library
Specify the SSA ISPF panel library.

ISPF Message Library
Specify the SSA ISPF message library.

ISPF Skeleton JCL Library
Specify the SSA ISPF skeleton JCL library.

ISPF CLIST Library
Specify the SSA ISPF CLIST library.

Report Output
Specify a report output dataset that has the following DCBs RECFM=FB, LRECL=133. SSA will allocate this dataset for you if it does not exist when you perform a reporting function. Also, SSA will construct the dataset name using the allocation prefix in your configuration and the set suffix SSA.REPORT.OUTPUT, therefore, if you manually allocate the file, you must use these naming conventions.

Adhoc Command Output
Specify an adhoc command output dataset that has the following DCBs: RECFM=FB, LRECL=80. SSA will allocate this dataset for you if it does not exist when you perform a adhoc command generation function. Also, SSA will construct the dataset name using the allocation prefix in your configuration and the set suffix SSA.ADHOC.OUTPUT, therefore, if you manually allocate the file, you must use these naming conventions.

Command Generation Output
Specify a command generation output dataset that has the following DCBs: RECFM=FB, LRECL=80. SSA will allocate this dataset for you if it does not exist when you perform a command generation function. Also, SSA will construct the dataset name using the allocation prefix in your configuration and the set suffix SSA.COMMAND.OUTPUT, therefore, if you manually allocate the file, you must use these naming conventions.

Permanent Datasets
Specify an esoteric device name for allocation of permanent datasets.

Sort or Work Areas
Specify an esoteric device name for the allocation of sort or temporary areas.

Temporary Datasets

Specify an esoteric device name for the allocation of temporary datasets.

Allocation Prefix

The allocation prefix allows the user to specify the first two qualifiers of datasets that SSA uses for report and command generation output. The entry can be up to 17 characters in length and must contain a value that is going to be unique to each user. Generally, this is the userid of the user, however, some shops do not allow the use of the userid as the first qualifier. To allow for dynamic substitution of the userid, you can enter $USERID$ as either of the qualifiers. SSA will substitute the userid of the user where ever it finds the $USERID$ value. You can also enter SID to dynamically substitute the system id the userid is currently logged on to.

Lines Per Page

Specify a value between 10 and 99 to signify how many lines per page you want on a report.

Report Menu Format

The Report Main Menu and all online generic search result screens have the ability to show a long or short format. “ Reports Main Menu” on page 38 has greater descriptions and feature lists of the various reports. The Online Generic Searches result screens in LONG form will display more of the information available from that particular ISPF table. Specify LONG for the long format or SHORT for the shorter displays. Also, you can change this setting from anywhere in ISPF by executing CLIST AALONG to make the displays use the LONG format or CLIST AASHORT to make the displays use the SHORT format.

Prompt for Print After Browse

When the Online Generic Searches, in various mode, page through screen displays of information, you can specify whether or not you want to be prompted to print that output. Specify “Y” if you wish to always be prompted or “N” if you do not want prompting.

Clear Select Fields After Processing

Numerous SSA displays of information are table based and a user can select one or multiple rows. This option will instruct SSA to either clear those selections once the function has been performed or to leave the selections after the function has been performed. Specify “Y” if you want the selections cleared or “N” if you want the selections to remain.

Execute Command Generation Commands Immediately after Creation in Batch

When you initiate the Command Generation functions in batch, the generated JCL causes the commands to be stored in your command output dataset but does not automatically execute those generated commands. This option allows the user to indicate if they want the commands executed immediately after generation or not. Specify “Y” if you want the commands executed immediately or “N” if you do not want the commands executed immediately.

Below is a sample of the IKJEFT01 step that is appended to the command generation step to execute the generated commands.

```
//*
//*  COMMANDS WILL BE EXECUTED AFTER CREATION
//*
//STEP020 EXEC PGM=IKJEFT01,DYNAMNBR=20,REGION=4096K
//SYSTSPRT DD  SYSOUT=*
//SYSTSIN  DD  DISP=SHR,
//             DSN=IBMUSER.SSA.COMMAND.OUTPUT
//*
```

ISPF Table Library
Specify the ISPF system table library in use on your system. This is required for batch execution of programs using ISPF services. The correct library will have two members in it ISPPROF and ISPSPROF.

ISPF Message Library
Specify the ISPF system message library in use on your system. This is required for batch execution of programs using ISPF services. The correct library will have at least one member: ISPV01.

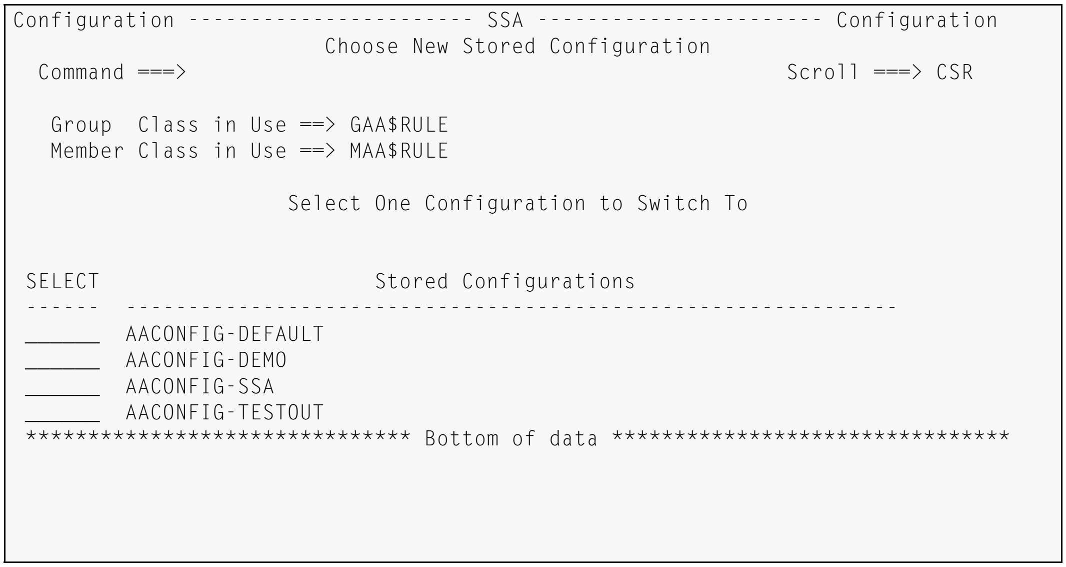
SORT Library
Specify the library containing your system sort modules. This is required for JCL generation if your sort library is not link-listed on your system. If that is the case, enter YES on the “Steplib Sort Library" question.

Choose New Stored Configuration

Users can select a new stored configuration from the Choose New Stored Configuration screen. The Select a New Configuration option does a number of operations before displaying the stored configurations available to a user. Those operations are:

- The classes where the configurations are stored is retrieved from the AAOPTION configuration module.
- The stored configuration profile prefix is retrieved from the AAOPTION configuration module.
- The stored configurations meeting the profile prefix naming standard are extracted.
- Only those profiles that the user has READ access to will be displayed.

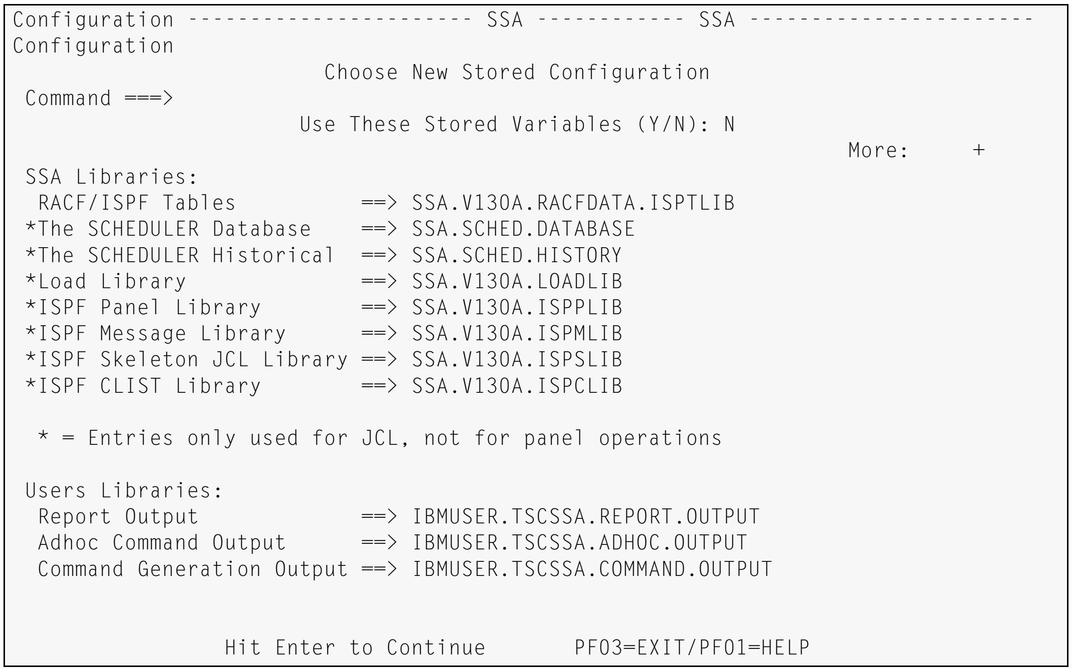
Note: Users must be granted access to the stored configuration for it to be displayed and selectable. the display of stored configurations can be different for every user.



```
Configuration ----------------------- SSA ----------------------- Configuration
                         Choose New Stored Configuration
  Command ===>                                                 Scroll ===> CSR

   Group  Class in Use ==> GAA$RULE
   Member Class in Use ==> MAA$RULE

                      Select One Configuration to Switch To


 SELECT                      Stored Configurations
 ------  --------------------------------------------------------------
 ______  AACONFIG-DEFAULT
 ______  AACONFIG-DEMO
 ______  AACONFIG-SSA
 ______  AACONFIG-TESTOUT
 ******************************* Bottom of data ********************************
```

A user can select one configuration to switch to. The switching process will prompt you before actually updating your ISPF profile as shown below. Once you have chosen a configuration to switch to, SSA will purge your ‘old’ variables and replace them with the stored values. More importantly, SSA will free the SSA RACF/ISPF table library and allocate the new stored configuration library specified. This enables a user to switch to a different SSA offload file and operational settings dynamically as well. The change is immediate, therefore, the user does not have to exit the screens for the values to take effect.

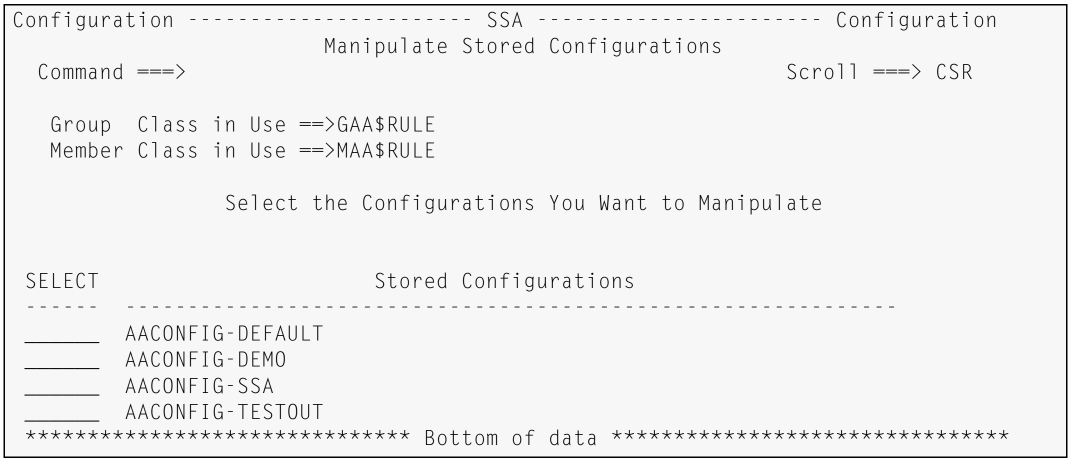
Switch Prompt Sample



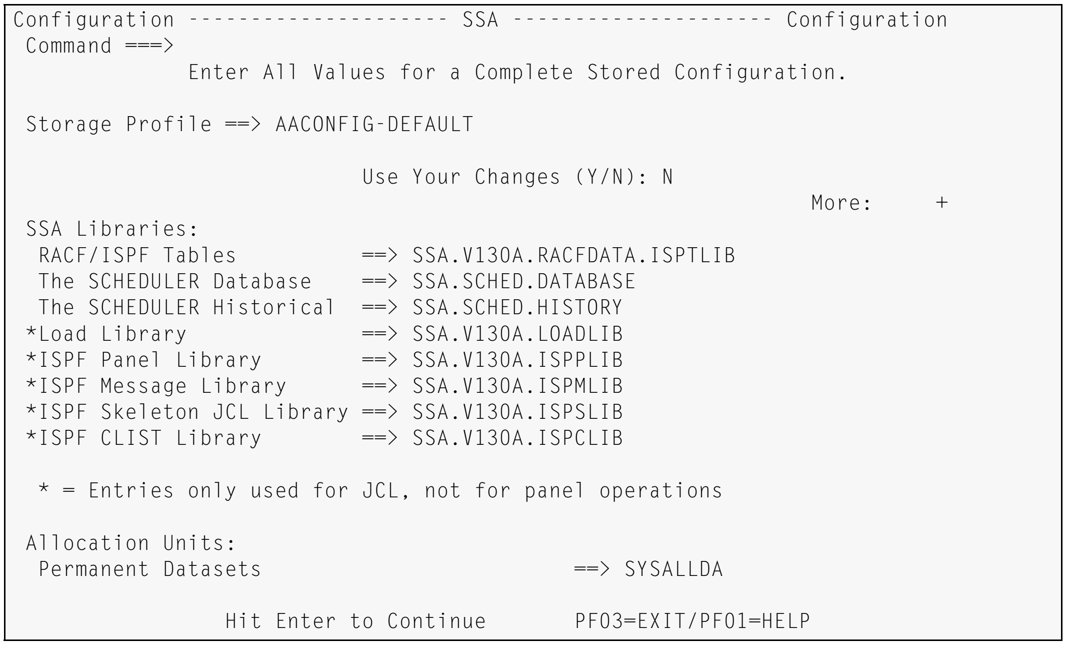
```
Configuration ----------------------- SSA ------------ SSA -----------------------
Configuration
                         Choose New Stored Configuration
 Command ===>
                       Use These Stored Variables (Y/N): N
                                                                   More:     +
 SSA Libraries:
  RACF/ISPF Tables          ==> SSA.V130A.RACFDATA.ISPTLIB
 *The SCHEDULER Database    ==> SSA.SCHED.DATABASE
 *The SCHEDULER Historical  ==> SSA.SCHED.HISTORY
 *Load Library              ==> SSA.V130A.LOADLIB
 *ISPF Panel Library        ==> SSA.V130A.ISPPLIB
 *ISPF Message Library      ==> SSA.V130A.ISPMLIB
 *ISPF Skeleton JCL Library ==> SSA.V130A.ISPSLIB
 *ISPF CLIST Library        ==> SSA.V130A.ISPCLIB

  * = Entries only used for JCL, not for panel operations

 Users Libraries:
  Report Output             ==> IBMUSER.TSCSSA.REPORT.OUTPUT
  Adhoc Command Output      ==> IBMUSER.TSCSSA.ADHOC.OUTPUT
  Command Generation Output ==> IBMUSER.TSCSSA.COMMAND.OUTPUT


                 Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

Update Stored Configurations

This option allows an administrator to update SSA stored configurations. This option is restricted to SSA administrators. The list of applicable stored configurations is based upon settings found in the AAOPTION configuration module. Once an administrator selects a configuration for manipulation they are presented with an exact duplicate of the Enter Configuration Values screen with two exceptions: 1) All fields are changeable, and 2) you must confirm that these are the changes you want. Below is the input screen.



```
Configuration ---------------------- SSA ---------------------- Configuration
                         Manipulate Stored Configurations
  Command ===>                                               Scroll ===> CSR

   Group  Class in Use ==>GAA$RULE
   Member Class in Use ==>MAA$RULE

                 Select the Configurations You Want to Manipulate


 SELECT                      Stored Configurations
 ------  --------------------------------------------------------------
 ______  AACONFIG-DEFAULT
 ______  AACONFIG-DEMO
 ______  AACONFIG-SSA
 ______  AACONFIG-TESTOUT
 ****************************** Bottom of data *******************************
```



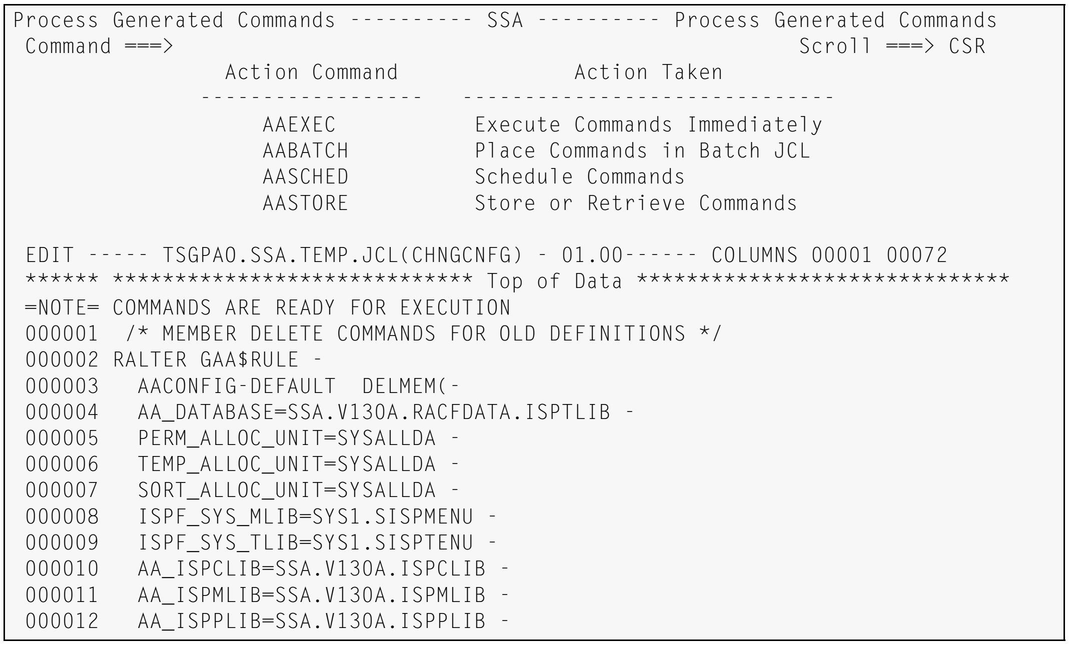
```
Configuration -------------------- SSA -------------------- Configuration
 Command ===>
              Enter All Values for a Complete Stored Configuration.

 Storage Profile ==> AACONFIG-DEFAULT

                           Use Your Changes (Y/N): N
                                                              More:     +
 SSA Libraries:
  RACF/ISPF Tables          ==> SSA.V130A.RACFDATA.ISPTLIB
  The SCHEDULER Database    ==> SSA.SCHED.DATABASE
  The SCHEDULER Historical  ==> SSA.SCHED.HISTORY
 *Load Library              ==> SSA.V130A.LOADLIB
 *ISPF Panel Library        ==> SSA.V130A.ISPPLIB
 *ISPF Message Library      ==> SSA.V130A.ISPMLIB
 *ISPF Skeleton JCL Library ==> SSA.V130A.ISPSLIB
 *ISPF CLIST Library        ==> SSA.V130A.ISPCLIB

  * = Entries only used for JCL, not for panel operations

 Allocation Units:
  Permanent Datasets                        ==> SYSALLDA

                Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

Use Your Changes

Indicate if you want to use the changes you have made. Once you indicate you want the changes, SSA will generate the RACF commands necessary to implement those changes. You must have either

Global-Special or CLAUTH authority to the SSA classes to execute these commands. Below is a sample of the edit session you will be presented with. The first command is an RALTER command using the DELMEM (delete member) parameter to purge the old values. The second command is an RALTER command with the ADDMEM(add member) parameter to add the new values you have specified.

Process Generated Commands Screen



```
Process Generated Commands ---------- SSA ---------- Process Generated Commands
 Command ===>                                                  Scroll ===> CSR
                 Action Command             Action Taken
               ------------------   ------------------------------
                    AAEXEC           Execute Commands Immediately
                    AABATCH          Place Commands in Batch JCL
                    AASCHED          Schedule Commands
                    AASTORE          Store or Retrieve Commands

 EDIT ----- TSGPAO.SSA.TEMP.JCL(CHNGCNFG) - 01.00------ COLUMNS 00001 00072
 ****** ***************************** Top of Data ******************************
 =NOTE= COMMANDS ARE READY FOR EXECUTION
 000001  /* MEMBER DELETE COMMANDS FOR OLD DEFINITIONS */
 000002 RALTER GAA$RULE -
 000003   AACONFIG-DEFAULT  DELMEM(-
 000004   AA_DATABASE=SSA.V130A.RACFDATA.ISPTLIB -
 000005   PERM_ALLOC_UNIT=SYSALLDA -
 000006   TEMP_ALLOC_UNIT=SYSALLDA -
 000007   SORT_ALLOC_UNIT=SYSALLDA -
 000008   ISPF_SYS_MLIB=SYS1.SISPMENU -
 000009   ISPF_SYS_TLIB=SYS1.SISPTENU -
 000010   AA_ISPCLIB=SSA.V130A.ISPCLIB -
 000011   AA_ISPMLIB=SSA.V130A.ISPMLIB -
 000012   AA_ISPPLIB=SSA.V130A.ISPPLIB -
```

Stored Configuration Parameters

The following table describes the parameters that can be defined to an SSA stored configuration:

Parameter	Explanation
AA_DATABASE=	Specify the SSA RACF/ISPF table dataset.
AA_ISPMLIB=	Specify the SSA ISPF message library.
AA_ISPPLIB=	Specify the SSA ISPF panel library.
AA_ISPSLIB=	Specify the SSA ISPF skeleton JCL library
AA_LOADLIB=	Specify the SSA APF authorized load library.
ALLOCATION_PREFIX=	The allocation prefix allows the user to control the first two qualifiers of datasets that SSA uses for report and command generation output. The entry can be up to 17 characters in length and must contain a value that is unique for each user. General this is the userid of the user, however, some shops do not allow the use of the userid as the first qualifier. To allow for dynamic substitution of the userid, you can enter $USERID$ as either of the qualifiers. SSA will substitute the userid of the user where ever it finds the $USERID$ value.

CLEAR_SELECTIONS=	Numerous SSA displays of information are table based and a user can select one or multiple rows. This option will instruct SSA to either clear those selections once the function has been performed or to leave the selections after the function has been performed. Specify “Y” if you want the selections cleared or “N” if you want the selections to remain.
EXECUTE_COMMANDS=	When you initiate the Command Generation functions in batch, the JCL generated causes the commands to be stored in your command output dataset but does not automatically execute those generated commands. This option allows the user to indicate if they want the commands executed immediately after generation or not. Specify “Y” if you want the commands executed immediately or “N” if you do not want the commands executed immediately.
ISPF_SYS_MLIB=	Specify the ISPF system message library in use on your system. This is required for batch execution of programs using ISPF services. The correct library will have at least one member: ISPV01.
ISPF_SYS_TLIB=	Specify the ISPF system table library in use on your system. This is required for batch execution of programs using ISPF services. The correct library will have two members in it: ISPPROF and ISPSPROF.
LINES_PER_PAGE=	Specify a value between 10 and 99 to signify how many lines per page you want on a report.
MENU_FORMAT=	The Report main menu and all online generic search result screens have the ability to show a long or short format. “ Reports Main Menu” on page 38 has greater descriptions and feature lists of the various reports. The Online Generic Searches result screens in LONG form will display more of the information available from that particular ISPF table. Specify LONG for the long format or SHORT for the shorter displays.
PERM_ALLOC_UNIT=	Specify an esoteric device name for allocation of permanent datasets.
PRINT_PROMPT=	When the Online Generic Searches, in various mode, page through screen displays of information, you can specify whether or not you want to be prompted to print that output. Specify “Y” if you wish to always be prompted or “N” if you do not want prompting
SCHED_DB=	Specify the SSA SCHEDULER database dataset (cluster name).
SCHED_HIST=	Specify the SSA SCHEDULER historical database dataset (cluster name).
SORT_ALLOC_UNIT=	Specify an esoteric device name for the allocation of sort or temporary areas.
STEPLIB_SORTLIB=	If you need to specify your sort library because it is not link-listed, enter “Y”.

SYSTEM_SORTLIB=	Specify the library containing your system sort modules. This is required for JCL generation if your sort library is not link-listed on your system.
TEMP_ALLOC_UNIT=	Specify an esoteric device name for the allocation of temporary datasets.

Below is an example of defining a new stored configuration using the default prefix AACONFIG-.

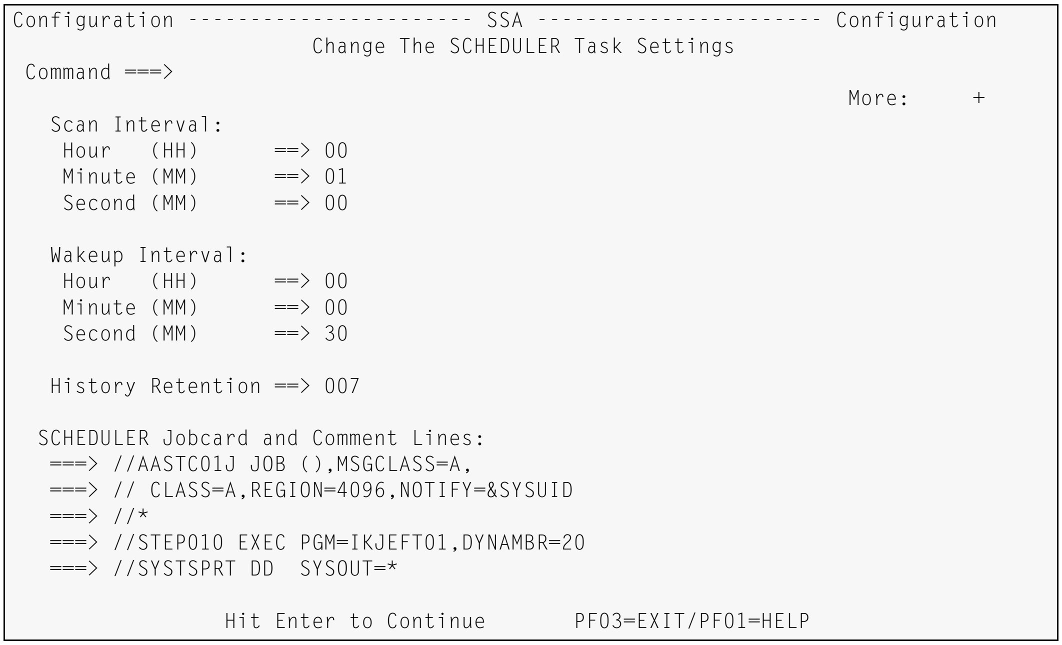
```
RDEFINE GAA$RULE AACONFIG-NEW-CONFIG-SAMPLE OWNER(SYS1) -
UACC(NONE) DATA('NEW CONFIGURATION SAMPLE DEFINITION') -
ADDMEM(-
AA_DATABASE=SSA.RACFDATA.ISPTLIB -
AA_ISPCLIB=SSA.ISPCLIB -
AA_ISPMLIB=SSA.ISPMLIB -
AA_ISPPLIB=SSA.ISPPLIB -
AA_ISPSLIB=SSA.ISPSLIB -
AA_LOADLIB=SSA.LOADLIB -
ALLOCATION_PREFIX=$USERID$ -
CLEAR_SELECTIONS=Y -
EXECUTE_COMMANDS=Y -
ISPF_SYS_MLIB=SYS1.SISPMENU -
ISPF_SYS_TLIB=SYS1.SISPTENU -
LINES_PER_PAGE=55 -
MENU_FORMAT=SHORT -
PERM_ALLOC_UNIT=SYSDA -
PRINT_PROMPT=Y -
SCHED_DB=SSA.SCHED.DATABASE -
SCHED_HIST=SSA.SCHED.HISTORY -
SORT_ALLOC_UNIT=SYSDA -
STEPLIB_SORTLIB=Y -
SYSTEM_SORTLIB=SYS1.SORTLIB -
TEMP_ALLOC_UNIT=SYSDA)
```

Note: 1.) This is just a sample. You must insure that you put in the correct values.

2.) You must permit a user to reference that configuration. Read access is required.

Change The SCHEDULER Task Settings

This option allows an administrator to change the settings being used by the SCHEDULER started task. This option is available to defined SSA administrators



```
Configuration ---------------------- SSA ---------------------- Configuration
                       Change The SCHEDULER Task Settings
 Command ===>
                                                                 More:     +
   Scan Interval:
    Hour   (HH)      ==> 00
    Minute (MM)      ==> 01
    Second (MM)      ==> 00

   Wakeup Interval:
    Hour   (HH)      ==> 00
    Minute (MM)      ==> 00
    Second (MM)      ==> 30

   History Retention ==> 007

  SCHEDULER Jobcard and Comment Lines:
   ===> //AASTC01J JOB (),MSGCLASS=A,
   ===> // CLASS=A,REGION=4096,NOTIFY=&SYSUID
   ===> //*
   ===> //STEP010 EXEC PGM=IKJEFT01,DYNAMBR=20
   ===> //SYSTSPRT DD  SYSOUT=*

                 Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

Scan Interval

The SCAN value specifies how often the started task scans The SCHEDULER database for scheduled items. Enter the amount of time in hours, minutes and seconds. The setting uses military time specifications, therefore, the hours can go up to 24 hours. It is recommended that you set the scanning interval to less than an hour. If you set a large scanning interval, then requests may not be done near their scheduled time, unless you instruct The SCHEDULER started task to scan the database immediately. See " Started Task Interface" on page 259 for more details. The default scan interval is 1 minute.

Wakeup Interval

The WAKEUP interval dictates at what time interval will the started task 'WAKEUP' and check if any response to its WTOR (Write To Operator with Response) has been entered. It is recommended that this interval be set to a low value. A low value allows the started task to respond quickly to operator responses. For example, if the operator wants to terminate the task quickly and use the standard shutdown procedure, he/she would issue "T" for terminate to the WTOR from the started task. If the started task is set to WAKEUP at a large interval, the task may not shutdown for the length of time set in the WAKEUP interval. The default WAKEUP interval is 30 seconds.

Histroy Retention

The HISTORY interval indicates how long will the started task wait before archiving a completed task. It is recommended that the setting be set in proportion to the activity in The SCHEDULER. If you have a lot of activity, set the history retention period lower to archive the completed tasks more quickly. The default history retention period is 7 days.

SCHEDULER Jobcard and Comment Lines

When a user enters commands as an event into The SCHEDULER, the started task submits those commands encapsulated in a IKJEFT01 step. The 20 lines available here are to code the encapsulation JCL. The JCL pictured above is the default JCL the task will use.

Important Note: The last ‘actual’ line entered must be the DD SYSTSIN with DD * so that the commands encapsulated will be submitted successfully.

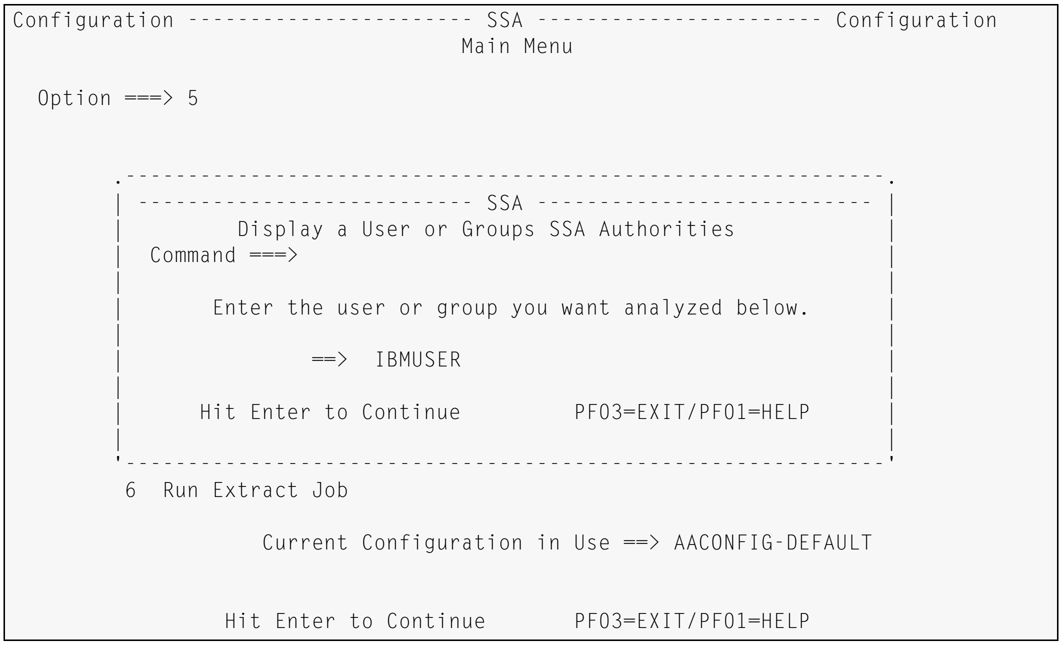
Last Line Example

```
//SYSTSIN DD *
```

Note: Although this function will update the options records in The SCHEDULER database, the started task, if running, will not be aware of the changes until you tell it to refresh those settings. You must issue a “U” to the WTOR of the started task to update the settings. See “ Started Task Interface” on page 259. The settings can also be updated by recycling the started task.

Display SSA User or Group Authority

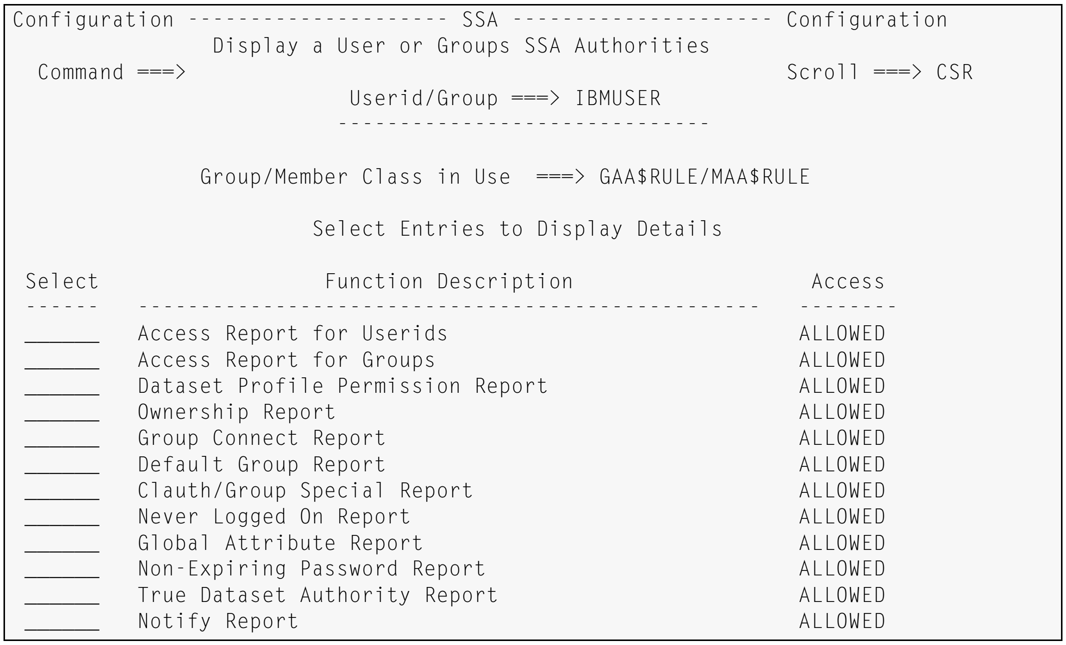
This option allows an administrator to display user or group access to SSA functions.



```
Configuration ---------------------- SSA ---------------------- Configuration
                                    Main Menu

  Option ===> 5


        .--------------------------------------------------------------.
        | -------------------------- SSA -------------------------- |
        |         Display a User or Groups SSA Authorities             |
        |  Command ===>                                                |
        |                                                              |
        |       Enter the user or group you want analyzed below.       |
        |                                                              |
        |               ==>  IBMUSER                                   |
        |                                                              |
        |      Hit Enter to Continue         PF03=EXIT/PF01=HELP       |
        |                                                              |
        '--------------------------------------------------------------'
         6  Run Extract Job

                    Current Configuration in Use ==> AACONFIG-DEFAULT


                 Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

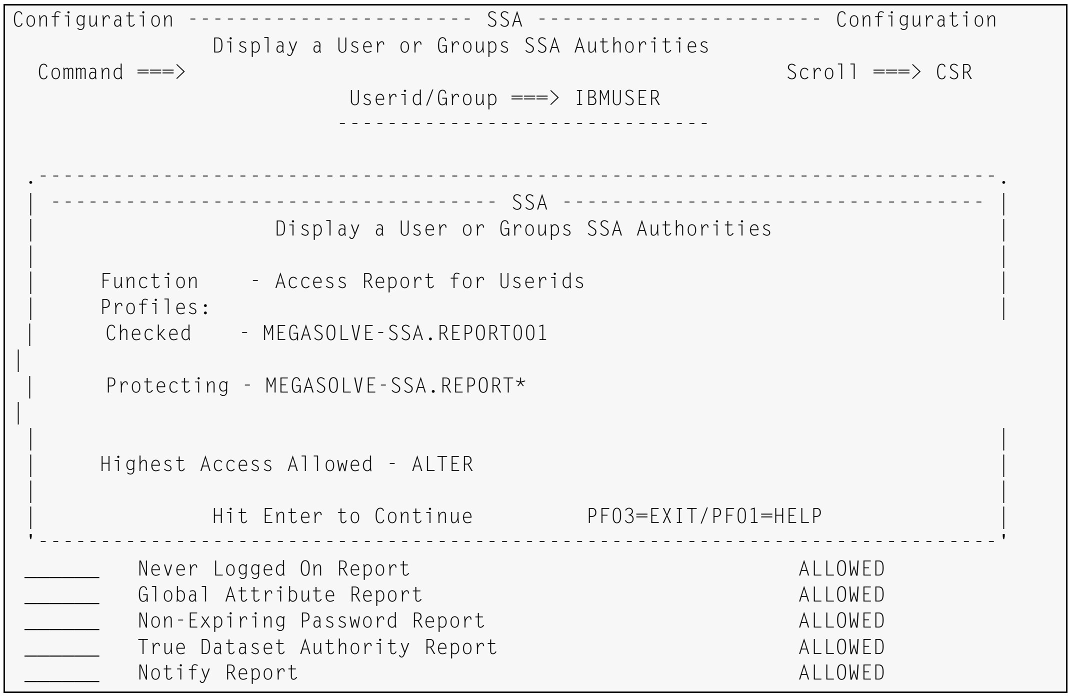
Enter the user or group you want analyzed below

Enter a valid userid or group whose access to secured SSA functions you want analyzed. Upon analyzing the entries authority, SSA displays a table of all the functions checked.



```
Configuration -------------------- SSA -------------------- Configuration
                Display a User or Groups SSA Authorities
  Command ===>                                                Scroll ===> CSR
                           Userid/Group ===> IBMUSER
                          ------------------------------

               Group/Member Class in Use  ===> GAA$RULE/MAA$RULE

                        Select Entries to Display Details

 Select                 Function Description                   Access
 ------   --------------------------------------------------   --------
 ______   Access Report for Userids                           ALLOWED
 ______   Access Report for Groups                            ALLOWED
 ______   Dataset Profile Permission Report                   ALLOWED
 ______   Ownership Report                                    ALLOWED
 ______   Group Connect Report                                ALLOWED
 ______   Default Group Report                                ALLOWED
 ______   Clauth/Group Special Report                         ALLOWED
 ______   Never Logged On Report                              ALLOWED
 ______   Global Attribute Report                             ALLOWED
 ______   Non-Expiring Password Report                        ALLOWED
 ______   True Dataset Authority Report                       ALLOWED
 ______   Notify Report                                       ALLOWED
```

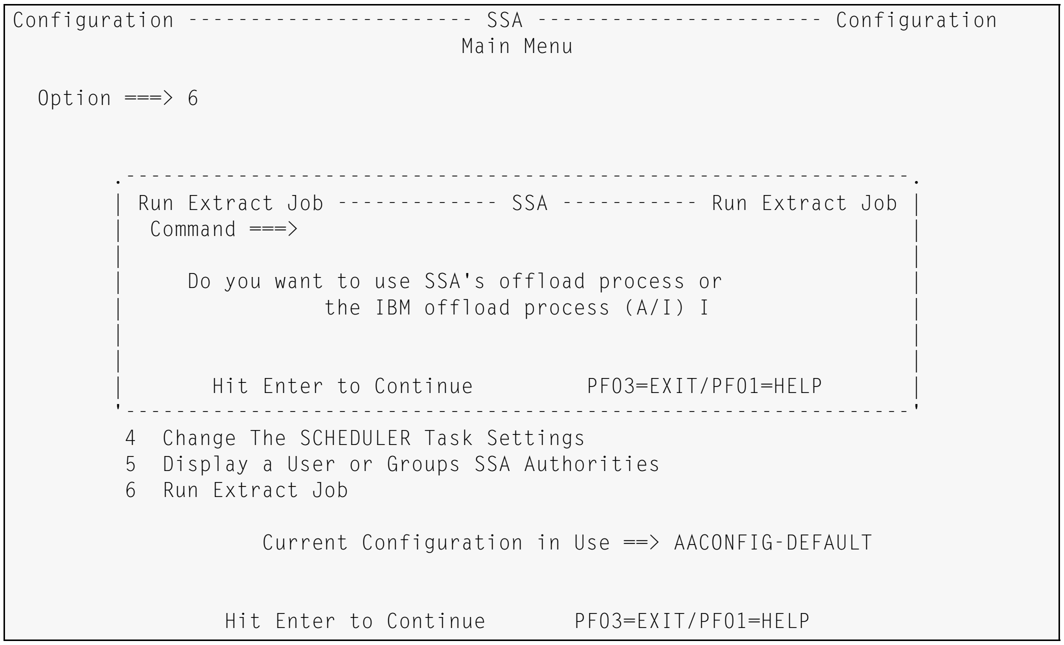
The analysis result display shows the title of the function and whether or not access is allowed or denied. Select as many functions as you like to view further details on the actual protection of the function. The details include the profile checked (retrieved from AAOPTION configuration module), the protecting RACF profile and the highest level of access allowed. Below is a sample of that display.



```
Configuration ---------------------- SSA ---------------------- Configuration
                Display a User or Groups SSA Authorities
  Command ===>                                                Scroll ===> CSR
                           Userid/Group ===> IBMUSER
                          ------------------------------


 .------------------------------------------------------------------------------.
 | ------------------------------------ SSA ---------------------------------- |
 |                   Display a User or Groups SSA Authorities                  |
 |                                                                             |
 |     Function    - Access Report for Userids                                 |
 |     Profiles:                                                               |
 |      Checked    - MEGASOLVE-SSA.REPORT001
|
 |      Protecting - MEGASOLVE-SSA.REPORT*
|
 |                                                                             |
 |     Highest Access Allowed - ALTER                                          |
 |                                                                             |
 |              Hit Enter to Continue         PF03=EXIT/PF01=HELP              |
 '------------------------------------------------------------------------------'
 ______   Never Logged On Report                                 ALLOWED
 ______   Global Attribute Report                                ALLOWED
 ______   Non-Expiring Password Report                           ALLOWED
 ______   True Dataset Authority Report                          ALLOWED
 ______   Notify Report                                          ALLOWED
```

Run Extract Job

This option allows an administrator to create the JCL to extract RACF information.



```
Configuration ---------------------- SSA ---------------------- Configuration
                                   Main Menu

  Option ===> 6


         .----------------------------------------------------------------.
         | Run Extract Job ------------ SSA ---------- Run Extract Job |
         |  Command ===>                                                  |
         |                                                                |
         |     Do you want to use SSA's offload process or                |
         |                the IBM offload process (A/I) I                 |
         |                                                                |
         |                                                                |
         |       Hit Enter to Continue         PF03=EXIT/PF01=HELP        |
         '----------------------------------------------------------------'
          4  Change The SCHEDULER Task Settings
          5  Display a User or Groups SSA Authorities
          6  Run Extract Job

                      Current Configuration in Use ==> AACONFIG-DEFAULT


                 Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

Do you want to use SSA’s offload process or the IBM offload process

Indicate if you want to use the SSA extract (AADBU00) or the IBM extract (IRRDBU00 program). Although both extract programs will produce the same result as far as SSA is concerned, you must choose which extract is appropriate for your shop. Below is a table showing the operating differences between the two extracts.

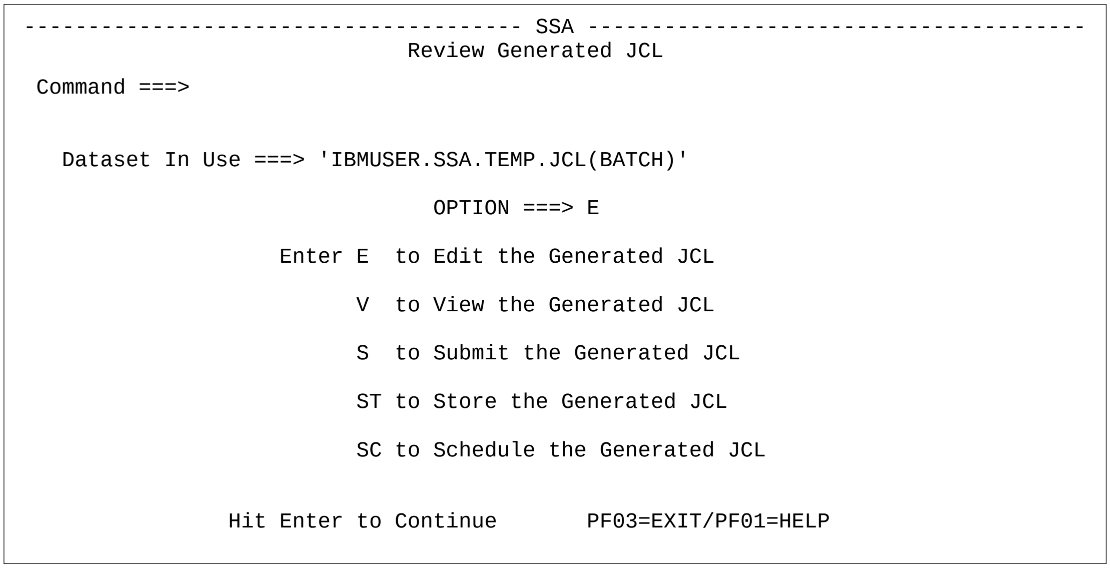
Function/Process	SSA Offload (AADBU00)	IBM Offload (IRRDBU00)
Access Necessary to Database	Access is only governed by SSA security rules	Must have UPDATE authority to database being offloaded
Screen Records Offloaded According to Security Rules	All profiles can be subjected to a security check allowing individualized and specialized offloads	Dumps all records
Offload Secondary or Backup Databases	No, only offloads live database	Can offload secondary or backup databases
Details Offload Status	Gives detailed totals of profiles and information offloaded	Gives limited totals

SSA Extract Sequence

Below is a demonstration of the SSA extract sequence.

1. **Indicate you want the SSA extract process.**

   Once you have chosen the SSA offload process, you will be presented with the Review Generated JCL screen from which you can Edit, View, Submit, Store and Schedule the JCL.



```
--------------------------------------- SSA ---------------------------------------
                              Review Generated JCL
 Command ===>


   Dataset In Use ===> 'IBMUSER.SSA.TEMP.JCL(BATCH)'

                                OPTION ===> E

                    Enter E  to Edit the Generated JCL

                          V  to View the Generated JCL

                          S  to Submit the Generated JCL

                          ST to Store the Generated JCL

                          SC to Schedule the Generated JCL


                Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

2. **Submit the job to extract your RACF information.**

   It is important to note that all library references are taken from your current configuration settings, therefore, it is recommended that you edit the JCL and verify that the library references are appropriate. Also, remember that the SSA extract process directly extracts from the active database, therefore, you will never see a JCL reference to your RACF database. Below is a sample of the JCL generated and an detailed explanation.

```
//************ PLACE YOUR JOBCARD HERE *************
//*
//**************************************************
//**                                              **
//**           SMART SECURITY ADMINISTRATOR       **
//**                VERSION 1.3.0                 **
//**                                              **
//** (C) 1999 UNICOM SYSTEMS,INC.                 **
//**             ALL RIGHTS RESERVED              **
//**************************************************
//*
//* JCL CREATED BY USER01
//* JCL CREATED ON 12/1/1999
//* JCL CREATED AT 14:37
//*
```

```
//* JOB FUNCTION: RUN_EXTRACT_JOBS
//*
//STEP010 EXEC PGM=AADBU00,REGION=4M
//STEPLIB  DD  DISP=SHR,
//             DSN=SSA.LOADLIB
//TEMPWK01 DD  DSN=&TEMPWK01,DISP=(,PASS),
//             UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE),
//             DCB=(RECFM=VB,LRECL=4096,BLKSIZE=20480)
//TEMPWK02 DD  DSN=&TEMPWK02,DISP=(,PASS),
//             UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE),
//             DCB=(RECFM=VB,LRECL=4096,BLKSIZE=20480)
//AAOUTPUT DD  SYSOUT=*,DCB=(RECFM=FB,LRECL=133)
//*
//STEP020  EXEC PGM=IKJEFT01,DYNAMNBR=30,TIME=1440,REGION=0M
//SYSPROC  DD  DISP=SHR,
//             DSN=SSA.ISPCLIB
//ISPPROF  DD  DSN=&PROFILE,DISP=(,PASS),SPACE=(TRK,(1,1,1)),
//             DCB=(LRECL=80,BLKSIZE=6160,RECFM=FB),UNIT=SYSDA
//ISPPLIB  DD  DISP=SHR,
//             DSN=SSA.ISPPLIB
//ISPSLIB  DD  DISP=SHR,
//             DSN=SSA.ISPSLIB
//ISPMLIB  DD  DISP=SHR,
//             DSN=SYS1.SISPMENU
//         DD  DISP=SHR,
//             DSN=SSA.ISPMLIB
//ISPTLIB  DD  DISP=SHR,
//             DSN=SYS1.SISPTENU
//AADBTLIB DD  DISP=SHR,
//             DSN=SSA.RACFDATA.ISPTLIB
//STEPLIB  DD  DISP=SHR,
//             DSN=SSA.LOADLIB
//ISPCTL1  DD  DSN=&CNTL1,DISP=(,PASS),UNIT=SYSDA,
//           DCB=(LRECL=80,BLKSIZE=800,RECFM=FB),SPACE=(TRK,(5,5))
//ISPCTL2  DD  DSN=&CNTL2,DISP=(,PASS),UNIT=SYSDA,
//           DCB=(LRECL=80,BLKSIZE=800,RECFM=FB),SPACE=(TRK,(5,5))
//SYSTSPRT DD  SYSOUT=*,DCB=(BLKSIZE=19019,LRECL=133,RECFM=FBA)
//SYSPRINT DD  SYSOUT=*,DCB=(BLKSIZE=20000,LRECL=200,RECFM=FBA)
//ISPLOG   DD  SYSOUT=*,DCB=(BLKSIZE=129,LRECL=125,RECFM=VA)
//SYSOUT   DD  SYSOUT=*
//TEMPWK01 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//TEMPWK02 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//TEMPWK03 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//SORTWK01 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//SORTWK02 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//SORTWK03 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//MNTMPLIB DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//IRRDBU00 DD  DSN=&TEMPWK02,DISP=(OLD,DELETE)
//AASTATMN DD  SYSOUT=*
//SYSTSIN  DD  *
ISPSTART PGM(AAMAINLD)
//*
```

Below is a brief explanation of the DDs and what they must reference:

STEP010

STEPLIB Must reference the SSA APF Authorized load library

TEMPWK01 Temporary - must have the following DCBs: RECFM=VB,LRECL=4096,BLKSIZE=20480

TEMPWK02 Temporary - Final output of extract program. The output from TEMPWK02 can be directed to a dataset if desired. It must have the following DCBs: RECFM=VB,LRECL=4096,BLKSIZE=20480. The output from TEMPWK02 is passed as a temporary to STEP020 where program AAMAINLD processes it.

AAOUTPUT SYSOUT - SSA extract report output. The output from AAOUTPUT can be directed to a dataset if desired. It must have the following DCBs: RECFM=FB,LRECL=133.

STEP020

SYSPROC: Must reference the SSA CLIST library

ISPPLIB: Must reference the SSA ISPF panel library

ISPSLIB: Must reference the SSA skeleton JCL library

ISPMLIB: Must reference the SSA ISPF message library and ISPF system message library

ISPTLIB: Must reference the ISPF system table library

AADBTLIB: Must reference the SSA RACF information table library

STEPLIB: Must reference the SSA APF Authorized load library

IRRDBU00: Must reference the output from STEP010 TEMPWK02. This is usually a temporary, however, if you decide to change STEP010 and direct TEMPWK02 to a dataset, you must change DD IRRDBU00 in STEP020 to reference the same dataset.

SYSTSIN: Must reference the control card in which the ISPF start program initiates the SSA program AAMAINLD. AAMAINLD loads the DBU00 output into ISPF tables.

RACF Extract Sequence

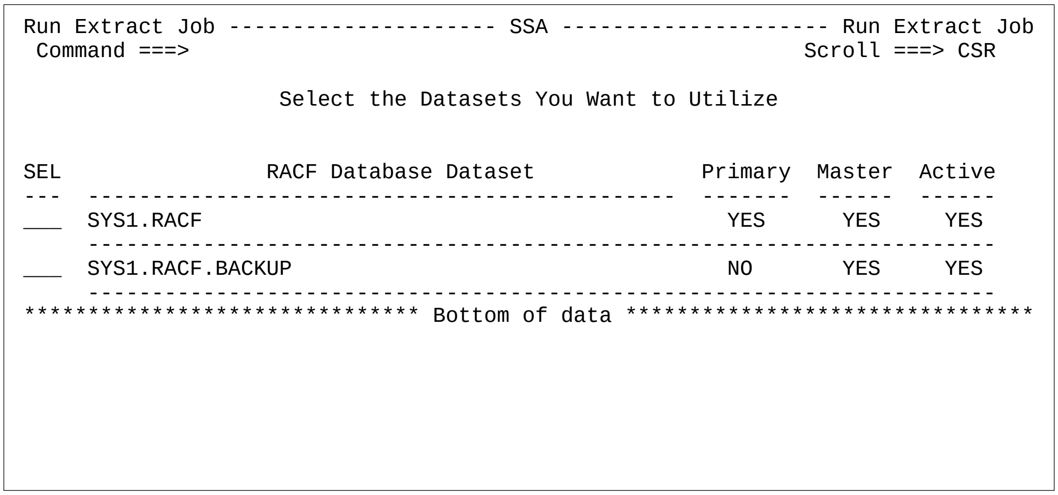
Below is a demonstration of the RACF extract sequence.

1. You indicate you want the RACF process.
2. Once you have chosen the RACF offload process, you will be presented with a table display of your RACF Databases as shown below.

   You must keep the following in mind:

   - You must choose at least one database.
   - You can only choose databases of the same status (i.e., primary, secondary).

RACF Database Selection Display



```
Run Extract Job -------------------- SSA -------------------- Run Extract Job
 Command ===>                                                 Scroll ===> CSR

                    Select the Datasets You Want to Utilize


SEL                RACF Database Dataset             Primary  Master  Active
---  ---------------------------------------------  -------  ------  ------
___  SYS1.RACF                                         YES      YES     YES
     ----------------------------------------------------------------------
___  SYS1.RACF.BACKUP                                  NO       YES     YES
     ----------------------------------------------------------------------
****************************** Bottom of data *******************************
```

3. **Once you have selected the database(s) you want to be included as part of the extract process, you will be presented with the Review Generated JCL screen from which you can Edit, View, Submit, Store and Schedule the JCL.**

   You now can submit the job to extract your RACF information. It is important to note that all library references are taken from your current configuration settings, therefore, it is recommended that you edit the JCL and verify that the library references are appropriate. Also, remember that the SSA extract process directly extracts from the active database, therefore, you will never see a JCL reference to your RACF database. Below is a sample of the JCL generated and an detailed explanation.

```
//************ PLACE YOUR JOBCARD HERE *************
//*
//**************************************************
//**                                              **
//**           SMART SECURITY ADMINISTRATOR       **
//**                                              **
//**                VERSION 1.3.0                 **
//**                                              **
//** (C) 1999 UNICOM SYSTEMS,INC.                 **
//**             ALL RIGHTS RESERVED              **
//**************************************************
//*
//* JCL CREATED BY USER01
//* JCL CREATED ON 12/1/1999
//* JCL CREATED AT 14:37
//*
//* JOB FUNCTION: RUN_EXTRACT_JOBS
//*
//STEP010  EXEC PGM=IRRDBU00,PARM=NOLOCKINPUT
//SYSPRINT DD SYSOUT=*
//INDD1    DD  DISP=SHR,
//             DSN=SYS1.RACF
//OUTDD    DD  DSN=&TEMPWK02,DISP=(,PASS),
//             UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE),
//             DCB=(RECFM=VB,LRECL=4096,BLKSIZE=20480)
//*
```

```
//STEP020  EXEC PGM=IKJEFT01,DYNAMNBR=30,TIME=1440,REGION=0M
//SYSPROC  DD  DISP=SHR,
//             DSN=SSA.ISPCLIB
//ISPPROF  DD  DSN=&PROFILE,DISP=(,PASS),SPACE=(TRK,(1,1,1)),
//             DCB=(LRECL=80,BLKSIZE=6160,RECFM=FB),UNIT=SYSDA
//ISPPLIB  DD  DISP=SHR,
//             DSN=SSA.ISPPLIB
//ISPSLIB  DD  DISP=SHR,
//             DSN=SSA.ISPSLIB
//ISPMLIB  DD  DISP=SHR,
//             DSN=SYS1.SISPMENU
//         DD  DISP=SHR,
//             DSN=SSA.ISPMLIB
//ISPTLIB  DD  DISP=SHR,
//             DSN=SYS1.SISPTENU
//AADBTLIB DD  DISP=SHR,
//             DSN=SSA.RACFDATA.ISPTLIB
//STEPLIB  DD  DISP=SHR,
//             DSN=SSA.LOADLIB
//ISPCTL1  DD  DSN=&CNTL1,DISP=(,PASS),UNIT=SYSDA,
//
DCB=(LRECL=80,BLKSIZE=800,RECFM=FB),SPACE=(TRK,(5,5))
//ISPCTL2  DD  DSN=&CNTL2,DISP=(,PASS),UNIT=SYSDA,
//
DCB=(LRECL=80,BLKSIZE=800,RECFM=FB),SPACE=(TRK,(5,5))
//SYSTSPRT DD  SYSOUT=*,DCB=(BLKSIZE=19019,LRECL=133,RECFM=FBA)
//SYSPRINT DD  SYSOUT=*,DCB=(BLKSIZE=20000,LRECL=200,RECFM=FBA)
//ISPLOG   DD  SYSOUT=*,DCB=(BLKSIZE=129,LRECL=125,RECFM=VA)
//SYSOUT   DD  SYSOUT=*
//TEMPWK01 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//TEMPWK02 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//TEMPWK03 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//SORTWK01 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//SORTWK02 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//SORTWK03 DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//MNTMPLIB DD  UNIT=SYSDA,SPACE=(CYL,(5,5),RLSE)
//IRRDBU00 DD  DSN=&TEMPWK02,DISP=(OLD,DELETE)
//AASTATMN DD  SYSOUT=*
//SYSTSIN  DD  *
ISPSTART PGM(AAMAINLD)
//*
```

Below is a brief explanation of the DDs and what they must reference:

STEP010

INDD1

INDD1 must reference a RACF Database Dataset. **Please note the following information taken from the** *RACF Security Administration Manual* - Section 7.1 The RACF Database Unload Utility (IRRDBU00):

IRRDBU00 processes either a copy of the RACF database, a backup RACF database, or the active RACF database. You must have UPDATE authority to the database. It is recommended that you run the utility against a recent copy of your RACF database using the NOLOCKINPUT parameter. While processing, IRRDBU00 serializes on one profile at a time (this is also the case in IRRUT100 processing). When IRRDBU00 has finished copying a profile, it releases the serialization. Consider this possible impact to performance if you select your active RACF database as input. Running IRRDBU00 against a copy of the database causes the least impact to system performance.

INDDn DD defines the RACF input data set that makes up the RACF database. The input data sets must have all of the characteristics of a RACF database; that is, they must be contiguous single-extent data sets, non-VIO, with a logical record length (LRECL) of 4096 and a record format (RECFM) of fixed (F). The n in INDDn refers to the location of the database name in the database name table (ICHRDSNT). If you have not split your RACF database, you only have to specify INDD1. If you have split your RACF database, you can unload each part with a separate utility invocation and specify INDD1 for the input data set, or you can unload all of the parts with one utility invocation."

OUTDD Temporary - Final output of the RACF extract program. The output from TEMPWK02 can be directed to a dataset if desired. It must have the following DCBs: RECFM=VB,LRECL=4096,BLKSIZE=20480. The output from TEMPWK02 is passed as a temporary to STEP020 where program AAMAINLD processes it.

STEP020

SYSPROC Must reference the SSA CLIST library

ISPPLIB Must reference the SSA ISPF panel library

ISPSLIB Must reference the SSA skeleton JCL library

ISPMLIB Must reference the SSA ISPF message library and ISPF system message library

ISPTLIB Must reference the ISPF system table library

AADBTLIB Must reference the SSA RACF information table library

STEPLIB Must reference the SSA APF Authorized load library

IRRDBU00 Must reference the output from STEP010 OUTDD. This is usually a temporary, however, if you decide to change STEP010 and direct OUTDD to a dataset, you must change DD IRRDBU00 in STEP020 to reference the same dataset.

SYSTSIN Must reference the control card in which the ISPF start program initiates the SSA program AAMAINLD. AAMAINLD loads the DBU00 output into ISPF tables.

Unload Security

SSA allows an administrator to subjugate each profile being off-loaded to security rules that determine which profiles are off-loaded and stored in the SSA RACF/ISPF tables. The default, set in module AAOPTION, is for no security checking to be done except for the initial invocation of the process. The default profile checked is SSA.DATABASE.UNLOAD.

To activate profile security checking, which is done by either AADBU00 (SSA IRRDBU00-like program) or AAMAINLD (ISPF Table Loader), the administrator must change the UNLOAD_SECURITY field in the AAOPTION module to “NORMAL”.   Once this setting is changed, security checking is done distinctly by profile type. Below are examples of the security checking performed:

Groups   Group records are checked by the group. The default security profile checked is MEGASOLVE-SSA.UNLOAD.GROUP.<group>. If the user running the offload has READ access to that profile, the record is processed and stored.

Users   User records are checked by the user. The default security profile checked is MEGASOLVE-SSA.UNLOAD.USERID.<userid>. If the user running the offload has READ access to that profile, the record is processed and stored.

Dataset: Dataset records are checked by the HLQ (High Level Qualifier). The default security profile checked is MEGASOLVE-SSA.UNLOAD.DATASET.<hlq>. If the user running the offload has READ access to that profile, the record is processed and stored.

General Resources   General Resource records are checked by the resource class the profile is defined to. The default security profile checked is MEGASOLVE-SSA.UNLOAD.GENRSCE.<class>. If the user running the offload has READ access to that profile, the record is processed and stored.

Note: Activating profile security checking can increase the load time.

Setting Up SSA Users And Administrators

The authority to perform certain functions in SSA is based on a users status. A SSA user can be classified as either a user or an administrator. Below is a list of the differences between a user and an administrator:

- An administrator can approve or deny entries put in The SCHEDULER that require approval.
- An administrator can enter entries into The SCHEDULER to run with the started tasks authority without approval.
- An administrator can run reports on all entries in The SCHEDULER.
- An administrator can manipulate the stored configurations for SSA users given they have the proper RACF authority to change the RACF profiles holding the stored configurations.
- An administrator can change the operational settings of The SCHEDULER started task.
- An administrator can display a users or groups authority to the many SSA features.
- An administrator can create the extract jobs and given they have the correct access to the profiles protecting the offload process, they can submit them.

A user's status is set by defining their userid as a member to the appropriate grouping profile. The default profile (defaults set in module AAOPTION - " AAOPTION Parameter Descriptions" on page 543 to change if desired) for users is MEGASOLVE-SSA.Users and the default profile for administrators is SSA.administrators. Below is a sample of the command to define user profiles and the addition of IBMUSER as a user of SSA.

Important Security Note: Be sure to define yourself (the installer) as an administrator. The administrator level of authority will be necessary to complete the installation. You must have either Global Special authority or CLAUTH authority to the SSA classes to issue these commands.

RACF Command Sample:

```
RDEFINE  GAA$RULE  MEGASOLVE-SSA.USERS  UACC(NONE) OWNER(SYS1) -
   DATA('GROUP PROFILE DEFINING THE USERS OF SSA') -
   ADDMEM(IBMUSER)

RDEFINE  GAA$RULE MEGASOLVE-SSA.ADMINISTRATORS  UACC(NONE) OWNER(SYS1) -
   DATA('GROUP PROFILE DEFINING THE ADMINISTRATORS OF SSA') -
   ADDMEM(IBMUSER)
```

Important Security Note: Remember that an administrator can submit commands and jobs to the SCHEDULER to run with the started tasks authority without approval. Thus, if the started task has a higher authority than the user with administrator status, that user can use the higher authority of the started task to run commands and jobs.

AAOPTION Configuration Module

SSA allows you to customize key security and operational settings at the software system level by modifying an Assembler CSECT - AAOPTION. Customization includes:

- RACF security classes used for configuration and security rule storage.
- Configuration storage naming conventions.
- Naming conventions for:

  Security rules governing the definitions of users and administrators.

  Security rules protecting the usage of the Userid Administration function.

  Security rules protecting the usage of the Group Administration function.

  Security rules protecting the usage of the Password Administration function.

  Security rules protecting the usage of the Connect Administration function.

  Security rules protecting the usage of the Dataset Profile Administration function.

  Security rules protecting the usage of the Dataset Profile Permit Administration function.

  Security rules protecting the usage of the General Resource Profile Administration function.

  Security rules protecting the usage of the General Resource Profile Permit Administration function.

  Security rules protecting the usage of the General Resource Profile Member Administration function.

  Security rules protecting the usage of the User TSO and CICS Segment Administration functions.

  Security rules protecting the usage of the Database offload function.

  Security rules protecting the usage of the Reporting functions.

  Security rules protecting the usage of the Online Generic Search functions.

  Security rules protecting the usage of the Command Generation functions.

  Security rules protecting the usage of The SCHEDULER function.

  Security rules protecting the usage of the System Resource Monitor function.

  Security rules protecting the usage of the Access Simulator function.
- Settings for CICS Direct Administration TCP/IP connection.
- Settings for panel dialog workings.

A copy of the source is in member AAOPTION of the SSA install library and an assembler job is in member ASSEMBLE (uses high-level assembler).

Parameter Rules

Below are the rules governing the syntax and format of the parameters in the AAOPTION module:

- No parameters can be deleted.
- All parameters must remain in the same order as shown below and in the sample provided.
- All parameter lengths must remain the same as shown below and in the sample provided.
- You can change some or all of the parameters.
- Check the explanation for the parameter you want to change before changing it to insure you are aware of the ramifications.

Below is a sample of the AAOPTION source. Following the source is a detailed explanation of all parameters.

```
AAOPTION CSECT
**************************************************
**                                              **
**           SMART SECURITY ADMINISTRATOR       **
**                                              **
**                VERSION 1.3.0                 **
**                                              **
** (C) 1999 UNICOM SYSTEMS,INC.                 **
**             ALL RIGHTS RESERVED              **
**************************************************
**
**************************************************
**                                              **
**  GENERAL SSA SETTINGS                        **
**                                              **
**************************************************
GROUP_CLASS     DC  CL8'GAA$RULE'      RULES AND SETTING GROUP CLASS
MEMBER_CLASS    DC  CL8'MAA$RULE'      RULES AND SETTING MEMBER CLASS
DEFAULT_CONFIG  DS  0CL50              DEFAULT CONFIGURATION SET
CONFIG_PREFIX   DC  CL9'AACONFIG-'     CONFIGURATION PREFIX
                DC  CL41'DEFAULT'      CONFIGURATION NAME
ADMINISTRATORS  DC  CL50'MEGASOLVE-SSA.ADMINISTRATORS'
*                                      GROUP PROFILE WHERE EVERY USER
*                                      DEFINED AS A MEMBER IS GIVEN
*                                      PRODUCT ADMINSTRATIVE POWERS
USERS           DC  CL50'MEGASOLVE-SSA.USERS'
*                                      GROUP PROFILE WHERE EVERY USER
*                                      DEFINED AS A MEMBER IS NOTED AS
*                                      A VALID SSA USER
**************************************************
**                                              **
**  GENERAL ADMINISTRATION SETTINGS             **
**                                              **
**************************************************
COMMAND_CLASS   DS  0CL9               RESOURCE CLASS
                DC  XL1'08'            CLASS LENGTH
                DC  CL8'MAA$RULE'      SSA RESOURCE CLASS
COMMAND_SPECIAL DC  CL50'MEGASOLVE-SSA.$SPECIAL$' PROF FOR SPECIAL
```

```
COMMAND_SREVOKE DC  CL8'$SREVOKE'      GROUP FOR SUPER-REVOKE
********************************************
**                                        **
**  COMMAND PROFILES                      **
**                                        **
********************************************
PSWCMD_PROFILE  DC  CL50'MEGASOLVE-SSA.$RESET'   PASSWORD ADMIN
CONCMD_PROFILE  DC  CL50'MEGASOLVE-SSA.$CONNECT' CONNECT ADMIN
USRCMD_PROFILE  DC  CL50'MEGASOLVE-SSA.$USER'    USER ADMIN
GRPCMD_PROFILE  DC  CL50'MEGASOLVE-SSA.$GROUP'   GROUP ADMIN
DSNCMD_PROFILE  DC  CL50'MEGASOLVE-SSA.$DATASET' DATASET ADMIN
RSCCMD_PROFILE  DC  CL50'MEGASOLVE-SSA.$RESRCE'  RESOURCE ADMIN
UTSOCMD_PROFILE  DC  CL50'MEGASOLVE-SSA.$UTSO'   USER TSO SEG ADMIN
UCICSCMD_PROFILE DC  CL50'MEGASOLVE-SSA.$UCICS'  USER CICS SEG ADMIN
SPAREPROFILE1    DC  CL50'MEGASOLVE-SSA.SPARE1'  RESERVED
SPAREPROFILE2    DC  CL50'MEGASOLVE-SSA.SPARE2'  RESERVED
SPAREPROFILE3    DC  CL50'MEGASOLVE-SSA.SPARE3'  RESERVED
SPAREPROFILE4    DC  CL50'MEGASOLVE-SSA.SPARE4'  RESERVED
SPAREPROFILE5    DC  CL50'MEGASOLVE-SSA.SPARE5'  RESERVED
********************************************
**                                        **
**  TCPIP CONSTANTS                       **
**                                        **
********************************************
TCPIP_NAME      DC  CL8'TCPIPMVS'
DEFAULT_STC_IP  DC  CL15'205.185.254.3'   DEFAULT IP ADDRESS
DEFAULT_STC_PT  DC  H'3500'               DEFAULT PORT ADDRESS
SPARE1_STC_IP   DC  CL15'205.185.254.3'   RESERVED
SPARE1_STC_PT   DC  H'3500'               RESERVED
SPARE2_STC_IP   DC  CL15'205.185.254.3'   RESERVED
SPARE2_STC_PT   DC  H'3500'               RESERVED
SPARE3_STC_IP   DC  CL15'205.185.254.3'   RESERVED
SPARE3_STC_PT   DC  H'3500'               RESERVED
SPARE4_STC_IP   DC  CL15'205.185.254.3'   RESERVED
SPARE4_STC_PT   DC  H'3500'               RESERVED
SPARE5_STC_IP   DC  CL15'205.185.254.3'   RESERVED
SPARE5_STC_PT   DC  H'3500'               RESERVED
********************************************
**                                        **
**  DATABASE OFFLOAD SEGREGATION RULES    **
**                                        **
********************************************
UNLOAD_PROFILE  DC  CL50'MEGASOLVE-SSA.DATABASE.UNLOAD'
*                                      PROFILE TO RUN DB UNLOAD PGMS
UNLOAD_SECURITY DC  CL8'NOCHECK '      *SECURITY LEVEL FOR UNLOADING
*                                       RACF DATABASE:
*                       NOCHECK = NO SECURITY CHECKING
*                       NORMAL  = USER             - CHECK BY USER
*                       NORMAL  = GROUP            - CHECK BY GROUP
*                       NORMAL  = DATASET          - CHECK BY HLQ
*                       NORMAL  = GENERAL RESOURCE - CHECK BY CLASS
GROUP_UNLOAD_CHK    DC CL50'MEGASOLVE-SSA.UNLOAD.GROUP'
USERID_UNLOAD_CHK   DC CL50'MEGASOLVE-SSA.UNLOAD.USERID'
DATASET_UNLOAD_CHK  DC CL50'MEGASOLVE-SSA.UNLOAD.DATASET'
GENRSCE_UNLOAD_CHK  DC CL50'MEGASOLVE-SSA.UNLOAD.GENRSCE'
```

```
********************************************
**                                        **
**  REPORT SECURITY PROFILES              **
**                                        **
********************************************
REPORT001       DC  CL50'MEGASOLVE-SSA.REPORT001'
REPORT002       DC  CL50'MEGASOLVE-SSA.REPORT002'
REPORT003       DC  CL50'MEGASOLVE-SSA.REPORT003'
REPORT004       DC  CL50'MEGASOLVE-SSA.REPORT004'
REPORT005       DC  CL50'MEGASOLVE-SSA.REPORT005'
REPORT006       DC  CL50'MEGASOLVE-SSA.REPORT006'
REPORT007       DC  CL50'MEGASOLVE-SSA.REPORT007'
REPORT008       DC  CL50'MEGASOLVE-SSA.REPORT008'
REPORT009       DC  CL50'MEGASOLVE-SSA.REPORT009'
REPORT010       DC  CL50'MEGASOLVE-SSA.REPORT010'
REPORT011       DC  CL50'MEGASOLVE-SSA.REPORT011'
REPORT012       DC  CL50'MEGASOLVE-SSA.REPORT012'
REPORT013       DC  CL50'MEGASOLVE-SSA.REPORT013'
REPORT014       DC  CL50'MEGASOLVE-SSA.REPORT014'
REPORT015       DC  CL50'MEGASOLVE-SSA.REPORT015'
REPORT016       DC  CL50'MEGASOLVE-SSA.REPORT016'
REPORT017       DC  CL50'MEGASOLVE-SSA.REPORT017'
REPORT018       DC  CL50'MEGASOLVE-SSA.REPORT018'
REPORT019       DC  CL50'MEGASOLVE-SSA.REPORT019'
REPORT020       DC  CL50'MEGASOLVE-SSA.REPORT020'
REPORT021       DC  CL50'MEGASOLVE-SSA.REPORT021'
REPORT022       DC  CL50'MEGASOLVE-SSA.REPORT022'
REPORT023       DC  CL50'MEGASOLVE-SSA.REPORT023'
REPORT024       DC  CL50'MEGASOLVE-SSA.REPORT024'
REPORT025       DC  CL50'MEGASOLVE-SSA.REPORT025'
SPAREREPORT1    DC  CL50'MEGASOLVE-SSA.SPARE1'
SPAREREPORT2    DC  CL50'MEGASOLVE-SSA.SPARE2'
SPAREREPORT3    DC  CL50'MEGASOLVE-SSA.SPARE3'
SPAREREPORT4    DC  CL50'MEGASOLVE-SSA.SPARE4'
SPAREREPORT5    DC  CL50'MEGASOLVE-SSA.SPARE5'
*********************************************
**                                         **
**  ONLINE GENERIC SEARCH SECURITY PROFILES**
**                                         **
*********************************************
GENERALUSER     DC  CL50'MEGASOLVE-SSA.ONLGEN.USER'
USERTSO         DC  CL50'MEGASOLVE-SSA.ONLGEN.USERTSO'
USERCICS        DC  CL50'MEGASOLVE-SSA.ONLGEN.USERCICS'
USERDFP         DC  CL50'MEGASOLVE-SSA.ONLGEN.USERDFP'
USERLANGUAGE    DC  CL50'MEGASOLVE-SSA.ONLGEN.USERLANGUAGE'
USEROPERPARM    DC  CL50'MEGASOLVE-SSA.ONLGEN.USEROPERPARM'
USERWORKATTR    DC  CL50'MEGASOLVE-SSA.ONLGEN.USERWORKATTR'
USERNETVIEW     DC  CL50'MEGASOLVE-SSA.ONLGEN.USERNETVIEW'
USEROMVS        DC  CL50'MEGASOLVE-SSA.ONLGEN.USEROMVS'
USERDCE         DC  CL50'MEGASOLVE-SSA.ONLGEN.USERDCE'
USERRRSF        DC  CL50'MEGASOLVE-SSA.ONLGEN.USERRRSF'
USERCONNECTS    DC  CL50'MEGASOLVE-SSA.ONLGEN.USERCONNECTS'
USERCLAUTH      DC  CL50'MEGASOLVE-SSA.ONLGEN.USERCLAUTH'
USERSECCATS     DC  CL50'MEGASOLVE-SSA.ONLGEN.USERSECCATS'
GENERALGROUP    DC  CL50'MEGASOLVE-SSA.ONLGEN.GROUP'
```

```
GROUPDFP        DC  CL50'MEGASOLVE-SSA.ONLGEN.GROUPDFP'
GROUPOMVS       DC  CL50'MEGASOLVE-SSA.ONLGEN.GROUPOMVS'
GENERALDATASET  DC  CL50'MEGASOLVE-SSA.ONLGEN.DATASET'
DATASETPERMS    DC  CL50'MEGASOLVE-SSA.ONLGEN.DATASETPERMS'
DATASETSECCATS  DC  CL50'MEGASOLVE-SSA.ONLGEN.DATASETSECCATS'
GENERALRSCE     DC  CL50'MEGASOLVE-SSA.ONLGEN.RSCE'
RSCEPERMS       DC  CL50'MEGASOLVE-SSA.ONLGEN.RSCEPERMS'
RSCEMEMBERS     DC  CL50'MEGASOLVE-SSA.ONLGEN.RSCEMEMBERS'
RSCESESSION     DC  CL50'MEGASOLVE-SSA.ONLGEN.RSCESESSION'
RSCEDLF         DC  CL50'MEGASOLVE-SSA.ONLGEN.RSCEDLF'
RSCESTC         DC  CL50'MEGASOLVE-SSA.ONLGEN.RSCESTC'
RSCESYSVIEW     DC  CL50'MEGASOLVE-SSA.ONLGEN.RSCESYSVIEW'
RSCESECCATS     DC  CL50'MEGASOLVE-SSA.ONLGEN.RSCESECCATS'
SPAREGENERIC1   DC  CL50'MEGASOLVE-SSA.ONLGEN.SPARE1'
SPAREGENERIC2   DC  CL50'MEGASOLVE-SSA.ONLGEN.SPARE2'
SPAREGENERIC3   DC  CL50'MEGASOLVE-SSA.ONLGEN.SPARE3'
SPAREGENERIC4   DC  CL50'MEGASOLVE-SSA.ONLGEN.SPARE4'
SPAREGENERIC5   DC  CL50'MEGASOLVE-SSA.ONLGEN.SPARE5'
*********************************************
**                                         **
**  COMMAND GENERATION SECURITY PROFILES   **
**                                         **
*********************************************
REPUSERID       DC  CL50'MEGASOLVE-SSA.REPLICATE.USERID'
REPGROUP        DC  CL50'MEGASOLVE-SSA.REPLICATE.GROUP'
REPDSNPROF      DC  CL50'MEGASOLVE-SSA.REPLICATE.DSNPROF'
REPRSCPROF      DC  CL50'MEGASOLVE-SSA.REPLICATE.RSCPROF'
REPRSCCLAS      DC  CL50'MEGASOLVE-SSA.REPLICATE.RSCCLAS'
TRNUSERID       DC  CL50'MEGASOLVE-SSA.TRANSFER.USERID'
TRNGROUP        DC  CL50'MEGASOLVE-SSA.TRANSFER.GROUP'
TRNDSNPROF      DC  CL50'MEGASOLVE-SSA.TRANSFER.DSNPROF'
TRNRSCPROF      DC  CL50'MEGASOLVE-SSA.TRANSFER.RSCPROF'
TRNRSCCLAS      DC  CL50'MEGASOLVE-SSA.TRANSFER.RSCCLAS'
TRNOWNER        DC  CL50'MEGASOLVE-SSA.TRANSFER.OWNER'
TRNNOTIFY       DC  CL50'MEGASOLVE-SSA.TRANSFER.NOTIFY'
REMUSER         DC  CL50'MEGASOLVE-SSA.REMOVE.USERID'
REMGROUP        DC  CL50'MEGASOLVE-SSA.REMOVE.GROUP'
REMOBSOLETE     DC  CL50'MEGASOLVE-SSA.REMOVE.OBSOLETE'
SPARECOMMAND1   DC  CL50'MEGASOLVE-SSA.SPARE1'
SPARECOMMAND2   DC  CL50'MEGASOLVE-SSA.SPARE2'
SPARECOMMAND3   DC  CL50'MEGASOLVE-SSA.SPARE3'
SPARECOMMAND4   DC  CL50'MEGASOLVE-SSA.SPARE4'
SPARECOMMAND5   DC  CL50'MEGASOLVE-SSA.SPARE5'
*********************************************
**                                         **
**  THE SCHEDULER SECURITY PROFILES        **
**                                         **
*********************************************
SCHEDGENERAL    DC  CL50'MEGASOLVE-SSA.SCHEDULE.GENERAL'
*********************************************
**                                         **
**  SYSTEM RESOURCE MONITOR SECURITY PROFILES
**                                         **
*********************************************
MONITORGENERAL  DC  CL50'MEGASOLVE-SSA.MONITOR.REPORTS'
```

```
MONAPF          DC  CL50'MEGASOLVE-SSA.MONITOR.APF'
MONLLT          DC  CL50'MEGASOLVE-SSA.MONITOR.LLT'
MONLPA          DC  CL50'MEGASOLVE-SSA.MONITOR.LPA'
MONCDT          DC  CL50'MEGASOLVE-SSA.MONITOR.CDT'
MONPPT          DC  CL50'MEGASOLVE-SSA.MONITOR.PPT'
MONGRI          DC  CL50'MEGASOLVE-SSA.MONITOR.RAC'
MONEXT          DC  CL50'MEGASOLVE-SSA.MONITOR.RAC'
MONRDS          DC  CL50'MEGASOLVE-SSA.MONITOR.RAC'
MONRAU          DC  CL50'MEGASOLVE-SSA.MONITOR.RAU'
MONRFR          DC  CL50'MEGASOLVE-SSA.MONITOR.RFR'
MONSMF          DC  CL50'MEGASOLVE-SSA.MONITOR.SMF'
MONSTC          DC  CL50'MEGASOLVE-SSA.MONITOR.STC'
MONSVC          DC  CL50'MEGASOLVE-SSA.MONITOR.SVC'
MONATT          DC  CL50'MEGASOLVE-SSA.MONITOR.ATT'
**************************************************
**                                              **
**  ACCESS SIMULATOR SECURITY PROFILES          **
**                                              **
**************************************************
ACCSIMGENERAL   DC  CL50'MEGASOLVE-SSA.ACCESS.SIMULATOR'
**************************************************
**                                              **
**  PANEL DIALOG CONTROL FLAGS                  **
**                                              **
**************************************************
NOPOP_IN_MAIN_START      DC CL1'N'    TURNS OFF POPUP PANELS IN AASTART
NO_CONTROL_ERRORS_RETURN DC CL1'N'    TURNS OFF CONTROL ERRORS RETURN
**************************************************
**                                              **
**  MISCELLANEOUS CONTROL FLAGS                 **
**                                              **
**************************************************
STC_SCAN_MESSAGES        DC CL1'Y'    TURNS OFF SCAN START/END MSGS
EUROPE_DATE              DC CL1'N'    SETS EUROPEAN DATE FORMAT
**
AA_VERSION      DC    C'V1.3'
AA_COPY_RITE    DC    C'COPYRIGHT 1999 UNICOM SYSTEMS,INC.'
                END
```

AAOPTION Parameter Descriptions

Below is a table detailing each parameter. Be sure to read the parameter rules before changing any.

Label	Change Notes
GROUP_CLASS	Must reference the grouping class defined for SSA (See installation “Step 7: Define RACF Classes for SSA Security” on page 15).
MEMBER_CLASS	Must reference the member class defined for SSA (See installation “Step 7: Define RACF Classes for SSA Security” on page 15).

DEFAULT_CONFIG	References the default SSA configuration profile. Profile is defined to the grouping class. DEFAULT_CONFIG is a construct of the Config_Prefix and the configuration name. Must be defined to RACF for new users (See “ Update Stored Configurations” on page 521 for details on defined stored configurations).
CONFIG_PREFIX	Prefix for all configuration profiles. Used by SSA configuration options 2 and 3 to determine actual stored configurations (See “ Update Stored Configurations” on page 521 for details on defined stored configurations).
ADMINISTRATORS	Grouping profile whose members are RACF userids noted as administrators in SSA.
USERS	Grouping profile whose members are RACF userids noted as users in SSA.
COMMAND_CLASS	Resource class used for SSA internal security, TSO Direct Administration, and CICS Direct Administration security. Change the XL1'08' to the character length of the class name specified. DO NOT change the length specified on the class (CL8). Highly recommended that the class remain the member class defined for SSA.
COMMAND_SPECIAL	Profile protecting the use of TSO Direct Administration and CICS Direct Administration functions against userids who have Global-Special (see TSO Direct Administration - Security or CICS Direct Administration - Security).
COMMAND_SREVOKE	Defined RACF group for the Password Administration and Connect Administration SuperRevoke function (see TSO or CICS Direct Administration chapters).
PSWCMD_PROFILE	Profile prefix used for Password Administration rule construction (see TSO or CICS Direct Administration Security sections).
CONCMD_PROFILE	Profile prefix used for Connect Administration rule construction (see TSO or CICS Direct Administration Security sections.).
USRCMD_PROFILE	Profile prefix used for Userid Administration rule construction (see TSO or CICS Direct Administration Security sections).
GRPCMD_PROFILE	Profile prefix used for Group Administration rule construction (see TSO or CICS Direct Administration Security sections).

DSNCMD_PROFILE	Profile prefix used for Dataset Profile and Dataset Permit Administration rule construction (see TSO or CICS Direct Administration Section Security).
RSCCMD_PROFILE	Profile prefix used for General Resource Profile, Permit and Member Administration rule construction (see TSO or CICS Direct Administration Section Security).
UTSOCMD_PROFILE	Profile prefix used for User TSO Segment rule construction (see TSO or CICS Direct Administration Section Security).
UCICSCMD_PROFILE	Profile prefix used for User CICS Segment rule construction (see TSO or CICS Direct Administration Section Security).
SPAREPROFILE1 through SPAREPROFILE5	Reserved for future SSA-CDA or SSA-TDA functions
TCPIP_NAME	Name of the TCP/IP started task on the local system.
DEFAULT_STC_IP	IP address of the TCP/IP started task on the local system.
DEFAULT_STC_PT	PORT address assigned to the SSA-CDA started task (AASTC02).
SPARE1_STC_PT through SPARE5_STC_PT	Reserved for future TCP/IP connections
UNLOAD_PROFILE	Profile protecting the SSA database unload function. User must have access to this profile to use the unload function
UNLOAD_SECURITY	Setting that activates or deactivates security checking during the extract loading process. NOCHECK turns off checking NORMAL activates checking The checking, if active, is done as follows: USERS by userid GROUPS by group DATASET by HLQ GENERAL RESOURCE by class
GROUP_UNLOAD_CHK	Prefix for profile built to check a users access to group profiles. The group is added as a suffix to the prefix before checking takes place.
USERID_UNLOAD_CHK	Prefix for profile built to check a users access to user profiles. The userid is added as a suffix to the prefix before checking takes place.

DATASET_UNLOAD_CHK	Prefix for profile built to check a users access to dataset profiles. The HLQ of the dataset profile is added as a suffix to the prefix before checking takes place.
GENRSCE_UNLOAD_CHK	Prefix for profile built to check a users access to general resource profiles. The resource class is added as a suffix to the prefix before checking takes place.
REPORT001	Profile protecting report 1 on menu. Report: Access Report for Userids
REPORT002	Profile protecting report 2 on menu. Report: Access Report for Groups
REPORT003	Profile protecting report 3 on menu. Report: Dataset Profile Permission Report
REPORT004	Profile protecting report 4 on menu. Report: Ownership Report
REPORT005	Profile protecting report 5 on menu. Report: Group Connect Report
REPORT006	Profile protecting report 6 on menu. Report: Default Group Report
REPORT007	Profile protecting report 7 on menu. Report: Clauth/Group Special Report
REPORT008	Profile protecting report 8 on menu. Report: Never Logged On Report
REPORT009	Profile protecting report 9 on menu. Report: Global Attribute Report
REPORT010	Profile protecting report 10 on menu. Report: Non-Expiring Password Report
REPORT011	Profile protecting report 11 on menu. Report: True Dataset Authority Report
REPORT012	Profile protecting report 12 on menu. Report: Notify Report
REPORT013	Profile protecting report 13 on menu. Report: Break in Ownership Report
REPORT014	Profile protecting report 14 on menu. Report: User/Group Repetitive Permits Report
REPORT015	Profile protecting report 15 on menu. Report: Group Statistics Report

REPORT016	Profile protecting report 16 on menu. Report: Obsolete Entry Report
REPORT017	Profile protecting report 17 on menu. Report: Where a User/Group Is Not in an Access List Report
REPORT018	Profile protecting report 18 on menu. Report: General Resource Class Permission Report
REPORT019	Profile protecting report 19 on menu. Report: Userid Statistics Report
REPORT020	Profile protecting report 20 on menu. Report: Dataset Profile and Permission Report
REPORT021	Profile protecting report 21 on menu. Report: RACF to Master Catalog Comparison Report
REPORT022	Profile not currently in use
REPORT023	Profile not currently in use
REPORT024	Profile not currently in use
REPORT025	Profile not currently in use
SPAREREPORT1 through SPAREREPORT5	Reserved for future reports
GENERALUSER	Profile protecting Online Generic Searches option: General Userid
USERTSO	Profile protecting Online Generic Searches option: Userid TSO Segment
USERCICS	Profile protecting Online Generic Searches option: Userid CICS Segment
USERDFP	Profile protecting Online Generic Searches option: Userid DFP Segment
USERLANGUAGE	Profile protecting Online Generic Searches option: Userid Language Segment
USEROPERPARM	Profile protecting Online Generic Searches option: Userid OPERPARM Segment
USERWORKATTR	Profile protecting Online Generic Searches option: Userid WORKATTR Segment
USERNETVIEW	Profile protecting Online Generic Searches option: Userid NETVIEW Segment
USEROMVS	Profile protecting Online Generic Searches option: Userid OMVS Segment
USERDCE	Profile protecting Online Generic Searches option: Userid DCE Segment
USERRRSF	Profile protecting Online Generic Searches option: RRSF Associations

USERCONNECTS	Profile protecting Online Generic Searches option: Connects
USERCLAUTH	Profile protecting Online Generic Searches option: CLAUTH Authorities
USERSECCATS	Profile protecting Online Generic Searches option: Userid Security Categories
GENERALGROUP	Profile protecting Online Generic Searches option: General Group
GROUPDFP	Profile protecting Online Generic Searches option: Group DFP Segment
GROUPOMVS	Profile protecting Online Generic Searches option: Group OMVS Segment
GENERALDATASET	Profile protecting Online Generic Searches option: General Dataset
DATASETPERMS	Profile protecting Online Generic Searches option: Dataset Permissions
DATASETSECCATS	Profile protecting Online Generic Searches option: Dataset Security Categories
GENERALRSCE	Profile protecting Online Generic Searches option: General Resource
RSCEPERMS	Profile protecting Online Generic Searches option: General Resource Permissions
RSCEMEMBERS	Profile protecting Online Generic Searches option: General Resource Members
RSCESESSION	Profile protecting Online Generic Searches option: General Resource Session Segment
RSCEDLF	Profile protecting Online Generic Searches option: General Resource DLFDATA Segment
RSCESTC	Profile protecting Online Generic Searches option: General Resource STDATA Segment
RSCESYSVIEW	Profile protecting Online Generic Searches option: General Resource SystemView Segment
RSCSECCATS	Profile protecting Online Generic Searches option: General Resource Security Categories
SPAREGENERIC1 through SPAREGENERIC5	Reserved for future Online Generic Search functions
REPUSERID	Profile protecting Command Generation option: Replicate Userid Profile
REPGROUP	Profile protecting Command Generation option: Replicate Group Profile
REPDSNPROF	Profile protecting Command Generation option: Replicate Dataset Profile
REPRSCPROF	Profile protecting Command Generation option: Replicate General Resource Profile

REPRSCCLAS	Profile protecting Command Generation option: Replicate General Resource Class
TRNUSERID	Profile protecting Command Generation option: Transfer Userid Profile
TRNGROUP	Profile protecting Command Generation option: Transfer Group Profile
TRNDSNPROF	Profile protecting Command Generation option: Transfer Dataset Profile
TRNRSCPROF	Profile protecting Command Generation option: Transfer General Resource Profile
TRNRSCCLAS	Profile protecting Command Generation option: Transfer General Resource Class
TRNOWNER	Profile protecting Command Generation option: Transfer Ownership
TRNNOTIFY	Profile protecting Command Generation option: Transfer Notifications
REMUSER	Profile protecting Command Generation option: Remove All References to a Userid
REMGROUP	Profile protecting Command Generation option: Remove All References to a Group
REMOBSOLETE	Profile protecting Command Generation option: Remove Obsolete Entries
SPARECOMMAND1 through SPARECOMMAND5	Reserved for future Command Generation functions
SCHEDGENERAL	Profile protecting The SCHEDULER function. Users must be permitted to this profile to enter requests into The SCHEDULER.
MONITORGENERAL	Profile protecting the initiating of the System Resource Monitor screen dialog. This profile does not restrict execution of the System Resource Monitor reporting programs.
MONAPF	Profile protecting System Resource Monitor option: APF – Authorized Program Facility
MONLLT	Profile protecting System Resource Monitor option: LLT – Link List Table
MONLPA	Profile protecting System Resource Monitor option: LPA – Link Pack Area
MONCDT	Profile protecting System Resource Monitor option: CDT – Class Descriptor Table
MONPPT	Profile protecting System Resource Monitor option: PPT – Program Properties Table
MONGRI	Profile protecting System Resource Monitor option: GRI – General RACF Information

MONEXT	Profile protecting System Resource Monitor option: EXT – RACF Installation Exits
MONRDS	Profile protecting System Resource Monitor option: RDS – RACF Database Datasets
MONRAU	Profile protecting System Resource Monitor option: RAU – RACF Authorized Caller Table
MONRFR	Profile protecting System Resource Monitor option: RFR – RACF Router Table
MONSMF	Profile protecting System Resource Monitor option: SMF – System Management Facility
MONSTC	Profile protecting System Resource Monitor option: STC – Started Task Table
MONSVC	Profile protecting System Resource Monitor option: SVC – Supervisor Calls
MONATT	Profile protecting System Resource Monitor option: ATT – Authorized TSO Tables
ACCSIMGENERAL	Profile protecting the Access Simulator function
NOPOP_IN_MAIN_START	Setting activates or deactivates the popup notifications when AASTART is started. This enables jump functions to work (i.e., =a;2;1 to jump to Online Generic Searches option - General Userid Information).
NO_CONTROL_ERRORS_RETURN	Setting activates or deactivates the invocation of “CONTROL ERRORS RETURN” within SSA ISPF dialog programs. This is only used for debugging purposes.
STC_SCAN_MESSAGES	Setting activates or deactivates the Start Scan messages produced by The SCHEDULER started task. It is recommended that the messaging be left on (default is on - “Y”) unless you are concerned about taking up spool space.
EUROPE-DATE	Not currently used. Setting will activate the reformatting of the full Gregorian dates from MM-DD-YYYY to DD-MM-YYYY. All Gregorian dates with the format YYYY-MM-DD will not change.
AA-VERSION	SSA version – should not be changed by user.
AA_COPY_RITE	Copyright notice - Do not change

Appendix A. SSA Report Examples

This appendix provides samples of each SSA report available from Option 1 of the Main Menu.

Access Report for UserIDs - AAREP001

```
1
 Date: 10/02/1998                                                                                              Page:         1
 Time: 09:09
                                                                 SSA Version 1.3
                                                        User Access Report for IBMUSER

    UserID:      IBMUSER        Name:           GENERAL DFLT USER         Default Group: SYS1          Owner: IBMUSER
    Create-Date: 06/06/1995    Last-Used-Date: 10/21/1996               Passdate:      10/21/1996

                                                   Global Attributes
                                                   -----------------
Special:    Yes    Operations:    Yes     Auditor:    Yes    Revoke:    No
                   Grpacc:    No         Uaudit:    No      Oidcard:    No       ADSP:    No

                                                   Connect Groups
                                                   --------------
    Group: SYSCTLG     Owner: IBMUSER     Authority: JOIN       UACC: READ       Special: No     Operations: No     Revoke: No
    Group: SYS1        Owner: SYS1        Authority: JOIN       UACC: READ       Special: No     Operations: No     Revoke: No
    Group: VSAMDSET    Owner: IBMUSER     Authority: JOIN       UACC: READ       Special: No     Operations: No     Revoke: No
1
 Date: 10/02/1998                                                                                              Page:         2
 Time: 09:09
                                                                 SSA Version 1.3
                                                        User Access Report for IBMUSER

Permission  Access  -- Conditional --
  Class                    Profile                     Type   Volume   Reason    Access Entry    Type     Level   Class Entity
 -------- -------------------------------------------- -------- ------ ----------  ------------ ---------- ------- ------ ------
 ACCTNUM  ACCT#                                                         * PERMIT      *          Standard   READ
 ACICSPCT **                                                            USER          IBMUSER    Standard   ALTER
 APPL     IMSP                                                          * PERMIT      *          Standard   READ
 CCICSCMD *.*                                                           USER          IBMUSER    Standard   ALTER
```

Access Report for Groups - AAREP002

```
 Date: 10/02/1998                                                                              Page:         1
 Time: 09:10
                                                                 SSA Version 1.3
                                                        Group Access Report for SYS1

                    Group: SYS1                Superior Group:                     Owner: IBMUSER

                                                            Connected Users
                                                            ---------------

    User: AASTC01     Owner: SYS1        Authority: USE        UACC: NONE       Special: No     Operations: No     Revoke: No

                                                            Sub-Groups
                                                            ----------

                             DEVL     NONIBM   OTHERS   PROD     SYSTEM   TEST     TESTREM2 USERS
1
 Date: 10/02/1998                                                                              Page:         2
 Time: 09:10
                                                              SSA Version 1.3
                                                        Group Access Report for SYS1

                                                                                                Permission  Access   Conditional
  Class                     Profile                      Type   Volume   Reason    Access Entry    Type     Level   Class Entity
 -------- -------------------------------------------- -------- ------ ----------  ------------ ---------- ------- -------------
 ACCTNUM  ACCT#                                                        * PERMIT      *          Standard   READ
 ACICSPCT **                                                           * PERMIT      *          Standard   ALTER
 APPL     IMSP                                                         * PERMIT      *          Standard   READ
 CCICSCMD *.*                                                          * PERMIT      *          Standard   READ
 CCICSCMD *.*                                          Generic         OWNER
 CCICSCMD *.*.*                                                        * PERMIT      *          Standard   READ
 CCICSCMD *.*.*                                        Generic         OWNER
 CCICSCMD **                                                           * PERMIT      *          Standard   READ
 CCICSCMD **                                           Generic         OWNER
 CONNECT  AASTC01    (STARTED TASK        )                            OWNER         SYS1
 CONNECT  APPC       (STARTED TASK        )                            OWNER         SYS1
```

Dataset Profile Permission Report - AAREP003

```
1
 Date: 10/02/1998                                                                                               Page:         1
 Time: 09:11
                                                              SSA Version 1.3
                                                      Dataset Profile Permission Report for HLQ = SYS1

                                                                 Access   Access    Access                          Conditional
                Dataset Profile                 Type    Volume   Entry    Level      Type       Name (If User)      Class Entity
 -------------------------------------------  --------  ------  --------  -------  --------  --------------------   -----  ------
 SYS1.TESTOUT.THE.MASTER.*                    Generic           USER01    ALTER    USER      ENDUSER, JOSEPH
 SYS1.*                                       Generic           BMLTD     READ     GROUP
 SYS1.*                                       Generic           ABC       READ     GROUP
 SYS1.*                                       Generic           WALK      READ     GROUP
 SYS1.*                                       Generic           MEGA      ALTER    GROUP
 SYS1.*                                       Generic           STARTASK  ALTER    GROUP
 SYS1.*                                       Generic           NEWMEGA   ALTER    GROUP
```

Ownership Report - AAREP004

```
1
 Date: 10/02/1998                                                                                               Page:         1
 Time: 09:13
                                                              SSA Version 1.3
                                                      Ownership Report for USER01

                                                                                Create
  Class                     Profile                         Type      Volume     Date      UACC   Is There a Break in Ownership?
 --------   --------------------------------------------   --------   ------   --------   ------- ----------------------
 CONNECT    TSTU011  STRICTLY TEST USERS  GRP=TSTG005                                             Yes, Group = TSTG005
 DATASET    BACKUP.SENT01.G0001V00                         Discrete   B00001   02/26/97   NONE    Yes, HLQ = BACKUP
 DATASET    SYS1.TESTOUT.THE.MASTER.*                      Generic             09/02/97   NONE    Yes, HLQ = SYS1
 DATASET    TSTADDG.V421A.LOADLIB                          Generic             04/21/97   NONE    Yes, HLQ = TSTADDG
 DATASET    TSTADDG.*                                      Generic             04/21/97   NONE    Yes, HLQ = TSTADDG
 DATASET    TSTGS31.*                                      Generic             05/26/97   NONE    Yes, HLQ = TSTGS31
 TERMINAL   TESTTEST                                       Discrete            09/24/97   NONE    -- Not Applicable --
 DLFCLASS   TESTDLF9                                       Discrete            09/24/97   NONE    -- Not Applicable --
```

Group Connect Report - AAREP005

```
1
 Date: 10/02/1998                                                                                               Page:         1
 Time: 09:13
                                                              SSA Version 1.3
                                                      Group Connect Report for SYS1

   RACF                        Profile                    Revoke   Resume
  UserID         Name           Owner   Authority  UACC     Date     Date       --------- Group Attributes ---------
 -------- -------------------- -------- --------- ------- -------- -------- ---------------------------------------------
 AASTC01  STARTED TASK         SYS1      USE       NONE
 APPC     STARTED TASK         SYS1      USE       NONE
 ASCH     STARTED TASK         SYS1      USE       NONE
 ASCHINT  STARTED TASK         SYS1      USE       NONE
 BLSJPRMI #################### SYS1      USE       NONE
 CICSTART #################### SYS1      USE       NONE
 CICSUSER #################### SYS1      USE       NONE
 DSN3UR00 STARTED TASK         SYS1      USE       NONE
 DUMPSRV  STARTED TASK         SYS1      USE       NONE
 EZAFTPAP #################### SYS1      USE       NONE
```

Default Group Report - AAREP006

```
1
 Date: 10/02/1998                                                                                               Page:         1
 Time: 09:14
                                                              SSA Version 1.3
                                                      Default Group Report for STARTASK

   RACF                           Profile   Create   Last-Used           Password  Userid
  UserID         Name              Owner     Date      Date    Passdate  Interval  Status   --------- Connect Groups ----------
 --------  --------------------  --------  --------  --------  --------  --------  ------   -------- -------- -------- --------
 AASTC01   STARTED TASK          STARTASK  03/05/97  10/01/97  ********     180             SYS1
 APPC      STARTED TASK          STARTASK  06/07/95  09/22/97  ********     180             SYS1
 ASCH      STARTED TASK          STARTASK  06/07/95  09/08/97  ********     180             SYS1
 BLSJPRMI  ####################  STARTASK  06/13/95  09/22/97  ********     180             SYS1
 CICSTART  ####################  STARTASK  06/19/96  06/19/96  ********     180             SYS1
 DCEKERN   ####################  STARTASK  10/30/95  ********  ********     180             DCEGRP
```

Clauth/Group Special Report - AAREP007

```
1
 Date: 10/02/1998                                                                                                     Page:     1
 Time:  9:15
                                                        SSA - Version 1.3
                                                     Clauth/Group Special Report

    User              Name              Class      Group       Owner     Authority   Spec    Oper    Audt    Grpa    ADSP
  --------    -------------------     --------    --------    --------   ---------   ----    ----    ----    ----    ----
  USER01      ENDUSER, JOSEPH         USER        MEGA        MEGA        USE        Yes
                                                  NEWMEGA     MEGA        USE        Yes
  TSTPA0      ENDUSER, JOSEPH TEST    USER        MEGA        MEGA        USE        Yes
                                                  NEWMEGA     MEGA        USE        Yes
  TSTPA02     ENDUSER, JOSEPH         USER        MEGA        MEGA        USE        Yes
                                                  NEWMEGA     MEGA        USE        Yes
  TSTPA04     ENDUSER, JOSEPH         USER        MEGA        MEGA        USE        Yes
                                                  NEWMEGA     MEGA        USE        Yes
  TSTPA05     NEW NAME FIELD          USER        MEGA        MEGA        USE        Yes
                                                  NEWMEGA     MEGA        USE        Yes
```

Never Logged On Report - AAREP008

```
1
 Date: 10/02/1998                                                                                              Page:         1
 Time: 09:16
                                                              SSA Version 1.3
                                                      Users Who Never Logged On Report

   RACF                          Default              Create   Password
  UserID          Name            Group     Owner      Date    Interval            ---------  Global Attributes  ---------
 --------  --------------------  --------  --------  --------  --------  ------------------------------------------------
 AASTC01   STARTED TASK          STARTASK  STARTASK  03/05/97    180              SPECIAL   OPERATIONS
 APPC      STARTED TASK          STARTASK  STARTASK  06/07/95    180
 ASCH      STARTED TASK          STARTASK  STARTASK  06/07/95    180
 ASCHINT   STARTED TASK          STARTASK  STARTASK  10/21/96    180
 USR001    ENDUSER, JOSEPH       BADGRP    BADGRP    08/04/97    180              SPECIAL   OPERATIONS   AUDITOR
 BLSJPRMI  ####################  STARTASK  STARTASK  06/13/95    180
 CICSTART  ####################  STARTASK  STARTASK  06/19/96    180
 CICSUSER  ####################  CICS      CICS      10/21/96    180                        OPERATIONS
 DUMPSRV   STARTED TASK          STARTASK  STARTASK  10/19/95    180                        OPERATIONS
```

Global Attribute Report - AAREP009

```
1
 Date: 10/02/1998                                                                                              Page:         1
 Time: 09:17
                                                              SSA Version 1.3
                                                        Global Special Attribute Report

   RACF                          Default              Create   Password
  UserID          Name            Group     Owner      Date    Interval            ---------  Global Attributes  ---------
 --------  --------------------  --------  --------  --------  --------  ------------------------------------------------
 AASTC01   STARTED TASK          STARTASK  STARTASK  03/05/97     180             SPECIAL   OPERATIONS
 USR002    GENUSERID, BILL       BADGRP    BADGRP    08/04/97     180             SPECIAL   OPERATIONS   AUDITOR
 USR001    ENDUSER, JOSEPH       BADGRP    BADGRP    08/04/97     180             SPECIAL   OPERATIONS   AUDITOR
 USER002   GENUSERID, BILL       GOODGRP   GOODGRP   08/04/97     180             SPECIAL   OPERATIONS   AUDITOR
 USER001   ENDUSER, JOSEPH       GOODGRP   GOODGRP   08/04/97     180             SPECIAL   OPERATIONS   AUDITOR
 IBMUSER   GENERAL DFLT USER     SYS1      IBMUSER   06/06/95     030             SPECIAL   OPERATIONS   AUDITOR
 MEGAPXO   ENDUSER, JOSEPH       MEGA      MEGA      05/20/97     180             SPECIAL   OPERATIONS   AUDITOR
 PESTC01   STARTED TASK          STARTASK  STARTASK  09/22/97     180             SPECIAL   OPERATIONS
```

Non-Expiring Password Report - AAREP010

```
1
 Date: 10/02/1998                                                                                              Page:         1
 Time: 09:17
                                                              SSA Version 1.3
                                                         Non-Expiring Password Report

   RACF                          Default              Create   LastUsed
  UserID          Name            Group     Owner      Date      Date              ---------  Global Attributes  ---------
 --------  --------------------  --------  --------  --------  --------  ------------------------------------------------
 GTF       STARTED TASK          STARTASK  STARTASK  06/10/96  06/10/96
 USER03    BILL GENUSERID        MEGA      MEGA      10/21/96  07/21/97           SPECIAL   OPERATIONS   AUDITOR
 TSTU004   STRICTLY TEST USERS   TSTG001   TSTG001   05/26/97  ********  REVOKE   SPECIAL   OPERATIONS   AUDITOR   UAUDIT   ADSP
 TSTU042   STRICTLY TEST USERS   TSTG001   TSTG001   05/26/97  ********
 TSTU045   STRICTLY TEST USERS   TSTG001   TSTG001   05/26/97  ********  REVOKE   SPECIAL   OPERATIONS   AUDITOR   UAUDIT   ADSP
 TSTU047   STRICTLY TEST USERS   TSTG001   TSTG001   05/26/97  ********  REVOKE   SPECIAL   OPERATIONS   AUDITOR   UAUDIT   ADSP
 TSTU061   THIS IS NEW NAME C    TSTG001   TSTG001   05/27/97  ********           SPECIAL   OPERATIONS   AUDITOR   UAUDIT   ADSP
```

True Dataset Authority Report - AAREP011

```
1
 Date: 10/02/1998                                                                                                  Page:     1
 Time:  9:18
                                                        SSA - Version 1.3
                                             True Dataset Access Report For IBMUSER

                  Dataset Name                          Volume            Protecting RACF Profile               Access
   --------------------------------------------         ------   --------------------------------------------   --------
   ADMIN.SCHED.DATABASE                                 SENT01   ADMIN.*                                        ALTER
   ADMIN.SCHED.HISTORY                                  SENT01   ADMIN.*                                        ALTER
   ADMIN.V416K.ASM                                      SENT01   ADMIN.V*.ASM                                   EXECUTE
   ADMIN.V416K.COBOL                                    SENT01   ADMIN.V*.COBOL                                 ALTER
   ADMIN.V416K.DISPLAY.ISPTLIB                          SENT01   ADMIN.*                                        ALTER
   ADMIN.V416K.ISPCLIB                                  SENT01   ADMIN.*                                        ALTER
   ADMIN.V416K.ISPMLIB                                  SENT01   ADMIN.*                                        ALTER
   ADMIN.V416K.ISPPLIB                                  SENT01   ADMIN.*                                        ALTER
   ADMIN.V416K.ISPSLIB                                  SENT01   ADMIN.*                                        ALTER
```

Notify Report - AAREP012

```
1
 Date: 10/02/1998                                                                                           Page:         1
 Time: 09:20
                                                              SSA Version 1.3
                                                              Notify Report

                                                                                                   Create                 Profile  Valid
  Notify    Class                 Profile                                 Type    Volume   UACC     Date    Warning   Owner   Notify
 --------  --------  --------------------------------------------  --------  ------  -------  --------  -------  -------  ------
 SNOOPER   DATASET   USER01.*                                      Generic           NONE     10/21/96    No     SNOOPER   No
 USER02    HCICSFCT  2TESTGXX                                      Discrete          NONE     05/28/97    No     USER02    Yes
 USER02    HCICSFCT  2TSGBXX                                       Discrete          NONE     05/27/97    No     ABCSR     Yes
 ABCSR     HCICSFCT  2TSGXXX                                       Discrete          NONE     05/28/97    No     ABCSR     Yes
 ABCNP     HCICSFCT  2TSTU072                                      Discrete          NONE     06/02/97    No     ABCNP     Yes
 ABCNP     HCICSFCT  2TSTU090                                      Discrete          NONE     06/01/97    No     ABCNP     Yes
 USER02    HCICSFCT  2TSTXXXX                                      Discrete          NONE     09/04/97    No     USER02    Yes
 USER001   SURROGAT  *.*                                           Generic           NONE     10/21/96    Yes    SYS1      Yes
 SNOOPER   SURROGAT  SUBMIT.SNOOPER                                Discrete          NONE     05/22/97    No     SNOOPER   No
```

Break in Ownership Report - AAREP013

```
1
 Date: 10/02/1998                                                                                              Page:         1
 Time: 09:20
                                                              SSA Version 1.3
                                                          Breaks In Ownership Report

                                                                          Default   Superior                      Profile
  Class                       Profile                     Type    Volume   Group     Group      HLQ      Group     Owner
 --------  -------------------------------------------- --------  ------  --------  --------  --------  --------  --------
 USER      IBMUSER    (GENERAL DFLT USER   )                              SYS1                                    IBMUSER
 USER      WEBSRV     (####################)                              IMWEB                                   TSTU025
 CONNECT   DCEKERN    (####################)                                                            DCEGRP    TSTU025
 CONNECT   IBMUSER    (GENERAL DFLT USER   )                                                            SYSCTLG   IBMUSER
 GROUP     TESTREM2                                                                 SYS1                          IBMUSER
 GROUP     TSTG001                                                                  TEST                          SNOOPER
 DATASET   TSTBAT1.*.DA1*                               Generic                               TSTBAT              TEST
 DATASET   TSTBAT1.*.DA*                                Generic                               TSTBAT              TEST
```

User/Group Repetitive Permits Report - AAREP014

```
1
 Date: 10/02/1998                                                                                                     Page:     1
 Time:  9:22
                                                       SSA - Version 1.3.0
                                                User/Group Repetitive Permits Report

                                                                                                        Access    Conditional
  Userid          Name                          Profile                                          Type   Level     Class Entity
 --------  --------------------  --------------------------------------------------------------  ----  --------  --------
 USER02    BILL GENUSERID        ADMIN.V*.ASM                                 - GENERIC          STD   ALTER
           GROUP= MEGA           ADMIN.V*.ASM                                 - GENERIC          STD   ALTER
           GROUP= NEWMEGA        ADMIN.V*.ASM                                 - GENERIC          STD   ALTER
           GROUP= SYS1           ADMIN.V*.ASM                                 - GENERIC          STD   ALTER
 TSTBAT1   NEW NAME FOR BILL ID  ADMIN.V*.ASM                                 - GENERIC          STD   ALTER
           GROUP= MEGA           ADMIN.V*.ASM                                 - GENERIC          STD   ALTER
           GROUP= NEWMEGA        ADMIN.V*.ASM                                 - GENERIC          STD   ALTER
           GROUP= SYS1           ADMIN.V*.ASM                                 - GENERIC          STD   ALTER
 USER02    BILL GENUSERID        ADMIN.V*.ISPTLIB                             - GENERIC          STD   ALTER
           GROUP= MEGA           ADMIN.V*.ISPTLIB                             - GENERIC          STD   ALTER
```

Group Statistics Report - AAREP015

```
1
 Date: 10/02/1998                                                                                  Page:         1
 Time: 09:23
                                                              SSA Version 1.3
                                                           Group Statistics Report

   RACF                                   Sub                Std.     Cnd.     Dataset   Owned    Owned     Owned      Owned
  Group     Installation Data (30 Chars.)  Groups  Connects   Permits  Permits  Profiles  Users    Groups    DSN Prof.  Gen. Res.
 --------  ------------------------------  -------  --------  --------  -------  --------  -------  -------  ---------  --
 $SREVOKE  SUPER REVOKE GROUP WITH DATA T        1         2         0        0         0        0        1          0          0
 ADMIN     PRISTINE HLQ FOR      SSA             1        24        10        0         5        0        1          5         20
 ADMINAID                                        0        26         7        0         0        0        0          0          0
 ADMINX                                          0         0         0        0         0        0        0          0          0
 BACKUP    THIS IS THE HLQ FOR BACKUPS           0         0         0        0         2        0        0          2          0
 BADGRP    ACCESS GROUP FOR      SSA             0         2        14        0         0        2        0          0          0
 CICDZN                                          0         0         0        0         1        0        0          1          0
 CICS                                            0         1         0        0         1        1        0          1          4
```

Obsolete Entry Report - AAREP016

```
1
 Date: 10/02/1998                                                                                          Page:     1
 Time:  9:24
                                                       SSA - Version 1.3.0
                                                     Obsolete Entries Report

                                                                                    Obsolete          Access      Conditional
  Reason    Class                  Profile                                           Entry    Type   Level     Class     Entity
 --------  --------  --------------------------------------------------------------  --------  ----  --------  ----------
 PERMIT    RACFVARS  &ABC                                                            SNOOPER   STD   ALTER
 PERMIT    RACFVARS  &TESTIT                                                         SNOOPER   STD   ALTER
 PERMIT    RACFVARS  &XYZ                                                            SNOOPER   STD   ALTER
 PERMIT    TAPEVOL   ABCDEF                                                          SNOOPER   STD   ALTER
 PERMIT    PCICSPSB  **                                                              SNOOPER   STD   ALTER
 PERMIT    PCICSPSB  **                                                              SNOOPER   CND   READ      CONSOLE   CONS01
 PERMIT    GLOBAL    DATASET                                                         SNOOPER   STD   ALTER
 PERMIT    FACILITY  $RESET.*                                                        SNOOPER   STD   CONTROL
 PERMIT    FACILITY  MEGASOLVE-SSA.*                                                 SNOOPER   STD   ALTER
```

Where a User/Group Is Not in an Access List Report - AAREP017

```
1
 Date: 10/02/1998                                                                                     Page:     1
 Time:  9:25
                                                        SSA - Version 1.3
                                                Where a User/Group is Not in an Access List

  Entry     Name or Supgroup                    Profile                                           Class     UACC     Owner  Warn
 --------   --------------------   --------------------------------------------------------------   --------   -------   --------
 MEGAMO     MIKE ONADA            ADMIN.V*.ASM                                 - GENERIC          DATASET   NONE     ADMIN    N
 MEGAPXO    ENDUSER, JOSEPH       ADMIN.V*.ASM                                 - GENERIC          DATASET   NONE     ADMIN    N
 $SREVOKE   SUPGROUP=DEVL         ADMIN.V*.ASM                                 - GENERIC          DATASET   NONE     ADMIN    N
 ADMIN      SUPGROUP=DEVL         ADMIN.V*.ASM                                 - GENERIC          DATASET   NONE     ADMIN    N
 ADMINAID   SUPGROUP=ADMIN        ADMIN.V*.ASM                                 - GENERIC          DATASET   NONE     ADMIN    N
 ADMINX     SUPGROUP=$SREVOKE     ADMIN.V*.ASM                                 - GENERIC          DATASET   NONE     ADMIN    N
 BACKUP     SUPGROUP=PROD         ADMIN.V*.ASM                                 - GENERIC          DATASET   NONE     ADMIN    N
 BADGRP     SUPGROUP=TEST         ADMIN.V*.ASM                                 - GENERIC          DATASET   NONE     ADMIN    N
 BMLTD      SUPGROUP=USERS        ADMIN.V*.ASM                                 - GENERIC          DATASET   NONE     ADMIN    N
```

General Resource Class Permission Report - AAREP018

```
1
 Date: 10/02/1998                                                                              Page:         1
 Time: 16:26
                                                           SSA  Version 1.3
                                           General Resource Class Permission Report for Class = GAA$RULE

                                                           Access   Access    Access                          -- Conditional --
           General Resource Profile             Class      Entry     Level     Type      Name (If User)      Class    Entity
 --------------------------------------------  --------   --------  -------  -------- -------------------- -------- --------
 AACONFIG-DEFAULT                              GAA$RULE   USER01    ALTER    USER     ENDUSER, JOSEPH
 AACONFIG-DEFAULT                              GAA$RULE   USER02    READ     USER     BILL GENUSERID
 AACONFIG-DEFAULT                              GAA$RULE   TSTREPUR  ALTER    USER     ENDUSER, JOSEPH
 AACONFIG-DEFAULT                              GAA$RULE   TSTPA0    ALTER    USER     ENDUSER, JOSEPH TEST
 AACONFIG-DEFAULT                              GAA$RULE   TSTPA02   ALTER    USER     ENDUSER, JOSEPH
```

Userid Statistics Report - AAREP019

```
1
 Date: 10/02/1998                                                                                             Page:         1
 Time: 09:43
                                                              SSA Version 1.3
                                                           Userid Statistics Report

   RACF                          Default   Profile             Std.      Cnd.      DSN       Owned   Owned     Owned      Owned
  Userid          Name            Group     Owner   Connects  Permits   Permits  Profiles   Users   Groups   DSN Prof.  Gen. Res.
 --------  --------------------  --------  -------- --------  --------  -------  --------  -------  -------  ---------  -------
 AASTC01   STARTED TASK          STARTASK  STARTASK        2       19        0        0         0        0        0          0
 APPC      STARTED TASK          STARTASK  STARTASK        2        0        0        0         0        0        0          0
 ASCH      STARTED TASK          STARTASK  STARTASK        2        0        0        0         0        0        0          0
 ASCHINT   STARTED TASK          STARTASK  STARTASK        2        0        0        0         0        0        0          0
 USR002    GENUSERID, BILL       BADGRP    BADGRP          1        1        0        1         0        0        1          0
 USR001    ENDUSER, JOSEPH       BADGRP    BADGRP          1        0        0        1         0        0        1          0
 BLSJPRMI  ####################  STARTASK  STARTASK        2        0        0        0         0        0        0          0
 CICSTART  ####################  STARTASK  STARTASK        2        0        0        0         0        0        0          0
 CICSUSER  ####################  CICS      CICS            2        1        0        0         0        0        0          0
 DCEKERN   ####################  STARTASK  STARTASK        2        0        0        0         0        0        0          0
```

Dataset Profile and Permission Report - AAREP020

```
1
 Date: 10/02/1998                                                                                             Page:         1
 Time: 09:44
                                                              SSA Version 1.3
                                                      Dataset Profile and Permission Report for HLQ = SYS1

                                                                                      LastChgd   Access    Access   Conditional
                Dataset Profile              Type  Volume   UACC    Warn EOS  Notify    Date     Entry     Level    Class Entity
 ------------------------------------------  ----  ------  -------  ---- --- -------- --------  --------  ------- -------- --
 SYS1.TESTOUT.THE.MASTER.*                   Genr          NONE     No   No             N/A     USER01    ALTER
                                                                                                TSTPA0    ALTER
                                                                                                TESTP0    ALTER
 SYS1.*                                      Genr          NONE     No   No             N/A     BMLTD     READ
                                                                                                ABC       READ
                                                                                                WALK      READ
                                                                                                MEGA      ALTER
                                                                                                STARTASK  ALTER
                                                                                                NEWMEGA   ALTER
```

RACF to Master Catalog Comparison Report - AAREP021

```
1
 Date: 10/02/1998                                                                                      Page:         1
 Time: 09:46
                                                              SSA Version 1.3
                                                      Master Catalog vs RACF Comparison Report

  Entry                                                                                                 Profile  Create
  Type              Reason                                 Profile                     Volume   Type     UACC     Owner    Date
 -------  --------------------------------  -------------------------------------- ------ --------  -------  --------  --
 Catalog  No RACF Profiles Exist - HLQ=CAT  $SREVOKE
 Catalog  No RACF Profiles Exist - HLQ=CAT  @READ
 Catalog  No RACF Profiles Exist - HLQ=CAT  ADMINAID
 Catalog  No RACF Profiles Exist - HLQ=CAT  ADMINX
 Catalog  No RACF Profiles Exist - HLQ=CAT  ADSM
 RACF     No Alias or Dataset(s) Exist      CICSMPE.*                                         Generic   NONE     CICSMP    06/10/96
 RACF     No Alias or Dataset(s) Exist      IBM.*                                             Generic   NONE     IBM       06/10/96
 RACF     No Alias or Dataset(s) Exist      IBMBK.*                                           Generic   NONE     IBMBK     03/17/97
 RACF     No Alias or Dataset(s) Exist      MEGA.*                                            Generic   NONE     MEGA      09/17/97
 RACF     No Alias or Dataset(s) Exist      MEGA.U.*                                          Generic   NONE     MEGA      09/17/97
 RACF     No Alias or Dataset(s) Exist      MEGA.V.*                                          Generic   NONE     MEGA      09/17/97
```

Online Generic Searches

The following are samples for those reports produced from Online Generic Search print requests.

Generic Search - General User Information

```
1
 Date: 07/14/1998                                                                                    Page:         1
 Time: 13:17
                                                            SSA  Version 1.3
                                                    Online Generic Searches - General User Information Report

   RACF                                   Default   Profile    Create      Last-Used               Password
  UserID          Name                     Group     Owner      Date         Date      PassDate    Interval  Spec Oper Audt Revo Grpa Uaud Adsp
 --------  --------------------  --------  --------  ----------  ----------  ----------  --------  ----------------------------
 TBOB      SMITHERNS,ROBERT      TSOADMN   TSOADMN   1992-02-18  1994-06-03  1994-05-05    045       Yes  Yes  Yes  No   No   Yes  No
 TBBL      LOGAN,BRYAN           SYSTEMS   SYSTEMS   1992-02-24  1994-06-03  1994-05-05    045       No   No   No   No   No   Yes  No
 TBHP      PRICE,ROBERT          SYSTEMS   SYSTEMS   1992-02-19  1994-06-03  1994-05-03    045       No   No   No   No   No   Yes  No
 TBRH      HANSMA,BRIAN          SYSTEMS   SYSTEMS   1993-11-23  1994-01-10  1994-03-21    045       No   No   No   Yes  No   Yes  No
 TBXL      LOGAN,BRYAN           SYSTEMS   SYSTEMS   1992-08-14  1994-06-03  1994-05-05    045       No   No   No   No   No   Yes  No
 TBXT      SMITHERNS,BILL        TSOADMN   TSOADMN   1992-04-08  1994-06-03  1994-05-05    045       Yes  Yes  Yes  No   No   Yes  No
```

Generic Search - Userid TSO Segment

```
1
 Date: 07/14/1998                                                                                            Page:        1
 Time: 13:18
                                                           SSA  Version 1.3
                                                Online Generic Searches - Userid TSO Segment Report

   RACF      Logon              User-                      -- Classes --
  UserID   Procedure    Unit    Data    Size   Maxsize Hold Job Message Sysout  Destination              Account Number
 --------  ---------  --------  -----  ------- ------- -----------------------  -----------  ---------------------------------
 TBOB      TTSOTBOB   TTSO      0000   0004096 0004096                                       TTSO
 TBOB01    TTSO       PTSO      0000   0002048 0004096                                       TTSO
 TBBL      TTSO       TTSO      0000   0002048 0004096                                       TTSO
 TBHP      TTSO       TTSO      0000   0004096 0008192                                       TTSO
 TBRH      TTSO       TTSO      0000   0002048 0004096                                       TTSO
 TBXP      TTSO       TTSO      0000   0004096 0008192                                       TTSO
 TBXT      TTSOTBOB   TTSO      0000   0004096 0004096                                       TTSO
```

Generic Search - Userid CICS Segment

```
1
 Date: 07/14/1998                                                                                            Page:        1
 Time: 13:34
                                                               SSA Version 1.3
                                              Online Generic Searches - Userid CICS Segment Report

   RACF    Operator  Operator                                            ------- OPCLASSES -------
  UserID   Priority  Identity  Timeout  XRFSOFF   01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 22 22 23 24
 --------  --------  --------  -------  -------   ------------------------------------------------------------------------
 TCONT000    255       TOX       060    Noforce    N  N  Y  N  Y  N  N  N  N  N  N  N  N  N  N  N  Y  Y  Y  N  N  N  N  N
 TCONT001    000       TIW       060    Noforce    N  N  Y  N  Y  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N
 TCONT002    000       TA5       060    Noforce    N  N  Y  N  N  N  N  N  Y  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N
 TCONT003    255       TEL       060    Noforce    N  N  Y  N  N  N  N  N  Y  N  N  N  N  N  N  N  N  N  N  Y  N  N  N  N
 TCONT004    000       TBE       060    Noforce    N  N  Y  N  N  N  N  N  Y  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N
 TCONT005    000       TCN       060    Noforce    N  N  Y  N  N  N  N  N  Y  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N
 TCONT006    000       T1M       060    Noforce    N  N  Y  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N  Y  Y  N  N
 TCONT007    000       T9N       060    Noforce    N  N  Y  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N  Y  Y  N  N
 TCONT009    000       T9V       030    Noforce    N  N  Y  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N  N
```

Generic Search - Userid DFP Segment

```
1
 Date: 10/02/1998                                                                                             Page:         1
 Time: 13:37
                                                             SSA Version 1.3
                                      Online Generic Searches - Userid DFP Segment Report

  RACF Userid             Name         Management Class  Storage Class  Data Class  Data Application
 -------------   --------------------  ----------------  -------------  ----------  ----------------
   USER01        ENDUSER, JOSEPH           TESTMGMT
   TSTPA0        ENDUSER, JOSEPH TEST      TESTMGMT
   TSTPA02       ENDUSER, JOSEPH           TESTMGMT
   TSTPA04       ENDUSER, JOSEPH           TESTMGMT
   TSTPA05       NEW NAME FIELD            TESTMGMT
   TSTPA06       ENDUSER, JOSEPH           TESTMGMT
```

Generic Search - Userid Language Segment

```
1
 Date: 10/02/1998                                                                                             Page:         1
 Time:
                                                            SSA  Version 1.3
                                   Online Generic Searches - Userid LANGUAGE Segment Report

 RACF Userid             Name             Primary Language           Secondary Language
 -----------    --------------------    ------------------------    ------------------------
  MEGAM0        MIKE ONADA                       ENU
  MEGAPX0       ENDUSER, JOSEPH                  ENU                           ESP
  TESTP0        JOSEPH ENDUSER                   ENU                           ESP
  TESTP03       JOSEPH ENDUSER                   ENU                           ESP
  USER02        BILL GENUSERID                   ENU                           ESP
  USER03        BILL GENUSERID                   ENU                           ESP
  TSTPA05       NEW NAME FIELD                   ENU                           ESP
  TSTU053       NEWID                            ENU
```

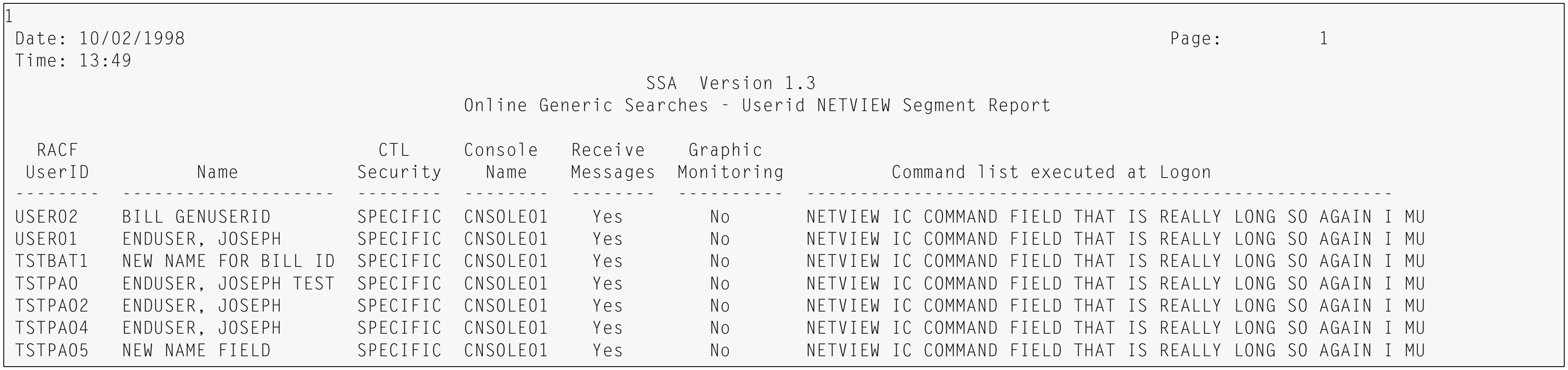
Generic Search - Userid Operparm Segment

```
1
 Date: 10/02/1998                                                                                            Page:         1
 Time: 13:42
                                                            SSA  Version 1.3
                                   Online Generic Searches - Userid OPERPARM Segment Report

   RACF                                -- Auth --                  -- Level --           -- Mform --      -- Delete --
  UserID   Storage    Key    Master All Info Cons Io Sys  NB  All  R   I  CE  E IN    J  M  S  T  X   Operator Message  Migid   UD
 --------  -------   -------- ---------------------------  --------------------------  --------------- ---------------------- -
 MEGAPXO    02000   ZZZZ       Y     N    N    N   N  N    Y   N   Y   Y   Y  Y  Y    Y  Y  Y  Y  Y        NORMAL         Y     N
 MEGAPYO    02000   ZZZZ       Y     N    N    N   N  N    Y   N   Y   Y   Y  Y  Y    Y  Y  Y  Y  Y        NORMAL         Y     N
 USER02     02000   ZZZZ       Y     N    N    N   N  N    Y   N   Y   Y   Y  Y  Y    Y  Y  Y  Y  Y        NORMAL         Y     N
 USER03     02000   ZZZZ       Y     N    N    N   N  N    Y   N   Y   Y   Y  Y  Y    Y  Y  Y  Y  Y        NORMAL         Y     N
 TSGMCT     00000              N     N    N    N   N  N    N   N   N   N   N  N  N    N  N  N  N  N                             N
 USER01     02000   ZZZZ       Y     N    N    N   N  N    Y   N   Y   Y   Y  Y  Y    Y  Y  Y  Y  Y        NORMAL         Y     N
 TSTBAT1    02000   ZZZZ       Y     N    N    N   N  N    Y   N   Y   Y   Y  Y  Y    Y  Y  Y  Y  Y        NORMAL         Y     N
 TSTPAO     02000   ZZZZ       Y     N    N    N   N  N    Y   N   Y   Y   Y  Y  Y    Y  Y  Y  Y  Y        NORMAL         Y     N
 TSTPAO2    02000   ZZZZ       Y     N    N    N   N  N    Y   N   Y   Y   Y  Y  Y    Y  Y  Y  Y  Y        NORMAL         Y     N
```

Generic Search - Userid Workattr Segment

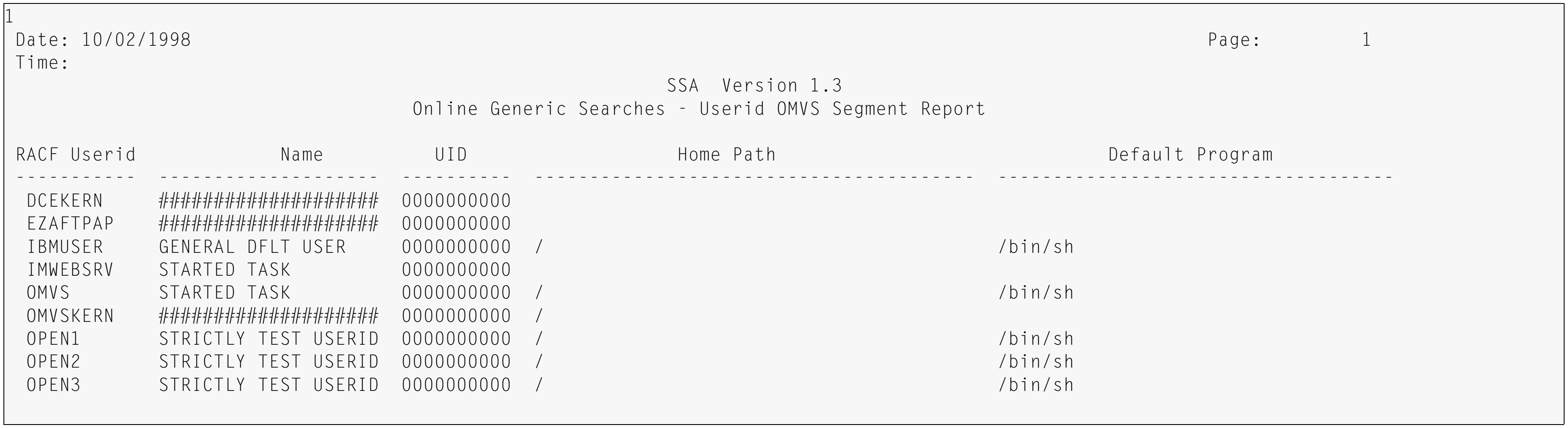
```
1
 Date: 10/02/1998                                                                                            Page:         1
 Time: 13:45
                                                            SSA  Version 1.3
                                          Online Generic Searches - Userid WORKATTR Segment Report

 RACF Userid     Field Label                   WorkattrField
 -----------   -------------   ------------------------------------------------------------
 USER02        Name            1234567890123456789012345678901234567890NAME FLD FILLED OUT5
               Building        1234567890123456789012345678901234567890BUILDING FILLED OUT5
               Department      1234567890123456789012345678901234567890DEPARTMN FILLED OUT5
               Room            1234567890123456789012345678901234567890ROOM FLD FILLED OUT5
               Address 1       1234567890123456789012345678901234567890ADDRESS 1 FILLED OUT
               Address 2       1234567890123456789012345678901234567890ADDRESS 2 FILLED OUT
               Address 3       1234567890123456789012345678901234567890ADDRESS 3 FILLED OUT
               Address 4       1234567890123456789012345678901234567890ADDRESS 4 FILLED OUT
               Account         123456789012345678901234567890123456789012345678901234567890
```

Generic Search - Userid NetView Segment



```
1
 Date: 10/02/1998                                                                                                   Page:         1
 Time: 13:49
                                                                       SSA  Version 1.3
                                                     Online Generic Searches - Userid NETVIEW Segment Report

   RACF                             CTL     Console   Receive    Graphic
  UserID          Name            Security    Name    Messages  Monitoring         Command list executed at Logon
 --------  --------------------  --------  --------  --------  ----------  -------------------------------------------------------
 USER02    BILL GENUSERID        SPECIFIC  CNSOLE01    Yes        No       NETVIEW IC COMMAND FIELD THAT IS REALLY LONG SO AGAIN I MU
 USER01    ENDUSER, JOSEPH       SPECIFIC  CNSOLE01    Yes        No       NETVIEW IC COMMAND FIELD THAT IS REALLY LONG SO AGAIN I MU
 TSTBAT1   NEW NAME FOR BILL ID  SPECIFIC  CNSOLE01    Yes        No       NETVIEW IC COMMAND FIELD THAT IS REALLY LONG SO AGAIN I MU
 TSTPA0    ENDUSER, JOSEPH TEST  SPECIFIC  CNSOLE01    Yes        No       NETVIEW IC COMMAND FIELD THAT IS REALLY LONG SO AGAIN I MU
 TSTPA02   ENDUSER, JOSEPH       SPECIFIC  CNSOLE01    Yes        No       NETVIEW IC COMMAND FIELD THAT IS REALLY LONG SO AGAIN I MU
 TSTPA04   ENDUSER, JOSEPH       SPECIFIC  CNSOLE01    Yes        No       NETVIEW IC COMMAND FIELD THAT IS REALLY LONG SO AGAIN I MU
 TSTPA05   NEW NAME FIELD        SPECIFIC  CNSOLE01    Yes        No       NETVIEW IC COMMAND FIELD THAT IS REALLY LONG SO AGAIN I MU
```

Generic Search - Userid OMVS Segment



```
1
 Date: 10/02/1998                                                                                                   Page:         1
 Time:
                                                                       SSA  Version 1.3
                                               Online Generic Searches - Userid OMVS Segment Report

 RACF Userid             Name          UID                   Home Path                                 Default Program
 -----------  --------------------  ----------  ----------------------------------------  ------------------------------------
  DCEKERN     ####################  0000000000
  EZAFTPAP    ####################  0000000000
  IBMUSER     GENERAL DFLT USER     0000000000  /                                         /bin/sh
  IMWEBSRV    STARTED TASK          0000000000
  OMVS        STARTED TASK          0000000000  /                                         /bin/sh
  OMVSKERN    ####################  0000000000  /
  OPEN1       STRICTLY TEST USERID  0000000000  /                                         /bin/sh
  OPEN2       STRICTLY TEST USERID  0000000000  /                                         /bin/sh
  OPEN3       STRICTLY TEST USERID  0000000000  /                                         /bin/sh
```

Generic Search - Userid DCE Segment

```
1
 Date: 10/02/1998                                                                                            Page:         1
 Time: 13:53
                                                            SSA  Version 1.3
                                          Online Generic Searches - Userid DCE Segment Report

 RACF Userid          Name             Field Name                      Field                   Automatic Logon
 -----------   --------------------  --------------  ----------------------------------------  ---------------
 USER02        BILL GENUSERID        UUID            87654321-1234-1234-1234-123456789012            Yes
                                     Principal Name  start of the hmenme
                                     Home Cell Name  /.../test
                                     Home Cell UUID  12345678-1234-1234-1234-123456789012
 USER01        ENDUSER, JOSEPH       UUID            87654321-1234-1234-1234-123456789012            Yes
                                     Principal Name  start of the hmenme
                                     Home Cell Name  /.../test
                                     Home Cell UUID  12345678-1234-1234-1234-123456789012
```

Generic Search - Userid RRSF Information

```
1
 Date: 10/02/1998                                                                                            Page:         1
 Time: 13:56
                                                            SSA  Version 1.3
                                                    Online Generic Searches - RRSF Report

   RACF                                   Target            Manager       Pending    Password     Date           Time       Defining
  UserID         Name             Node    Userid    Peer  User/Remote  Local/Remote    Sync     Defined        Defined       Userid
 -------- --------------------  --------  --------  ----  -----------  ------------  --------  ----------  ---------------  --------
 USER02   BILL GENUSERID        TSGNJE    USER03    Yes    No   No      No   No        Yes     1998-03-13  11:25:09.891446  USER02
 USER02   BILL GENUSERID        TSGNJE    WALK02    No     Yes  No      No   No        No      1998-04-14  10:14:21.477369  USER02
 USER03   BILL GENUSERID        TSGNJE    USER02    Yes    No   No      No   No        Yes     1998-03-13  11:25:10.397979  USER02
 TSTU009  STRICTLY TEST USERS   TSGNJE    WALK02    Yes    No   No      No   Yes       No      1998-05-26  -9:54:03.893967  USER01
```

Generic Search - Userid Connect Information

```
1
 Date: 10/02/1998                                                                                            Page:         1
 Time: 13:59
                                                            SSA  Version 1.3
                                          Online Generic Searches - Connect Information Report

   RACF                            RACF    Profile                                                           Revoke     Resume
  UserID           Name           Group     Owner     UACC     Auth    SPEC  OPER  AUDT  GRPA  ADSP  REVK     Date       Date
 --------  --------------------  --------  --------  -------  -------  ----  ----  ----  ----  ----  ----  ----------  ---------
 AASTC01   STARTED TASK          STARTASK  STARTASK  NONE     USE      No    No    No    No    No    No
 AASTC01   STARTED TASK          SYS1      SYS1      NONE     USE      No    No    No    No    No    No
 APPC      STARTED TASK          STARTASK  STARTASK  NONE     USE      No    No    No    No    No    No
 APPC      STARTED TASK          SYS1      SYS1      NONE     USE      No    No    No    No    No    No
 ASCH      STARTED TASK          STARTASK  STARTASK  NONE     USE      No    No    No    No    No    No
 ASCHINT   STARTED TASK          STARTASK  STARTASK  NONE     USE      No    No    No    No    No    No
 ASCHINT   STARTED TASK          SYS1      SYS1      NONE     USE      No    No    No    No    No    No
 USR002    GENUSERID, BILL       BADGRP    BADGRP    NONE     USE      No    No    No    No    No    No
 USR001    ENDUSER, JOSEPH       BADGRP    BADGRP    NONE     USE      No    No    No    No    No    No
 BLSJPRMI  ####################  STARTASK  STARTASK  NONE     USE      No    No    No    No    No    No
 TCPIPMVS  ####################  STARTASK  STARTASK  NONE     USE      No    No    No    No    No    No
 TCPIPMVS  ####################  SYS1      SYS1      NONE     USE      No    No    No    No    No    No
 TCPIPOE   ####################  STARTASK  STARTASK  NONE     USE      No    No    No    No    No    No
```

Generic Search - Userid Clauth Authority

```
1
 Date: 10/02/1998                                                                                            Page:         1
 Time: 14:01
                                                            SSA  Version 1.3
                                     Online Generic Searches - Clauth Authorities Report

 RACF Userid             Name              CLASS
 -----------    --------------------    ------------
  SENTCICS      STARTED TASK              TCICSTRN
  USER01        ENDUSER, JOSEPH           USER
  TSTPA0        ENDUSER, JOSEPH TEST      USER
  TSTPA02       ENDUSER, JOSEPH           USER
  TSTPA04       ENDUSER, JOSEPH           USER
  TSTPA05       NEW NAME FIELD            USER
  TSTPA06       ENDUSER, JOSEPH           USER
  TSTPA07       ENDUSER, JOSEPH           USER
  TSTREPUR      ENDUSER, JOSEPH           USER
  TSTU004       STRICTLY TEST USERS       USER
```

Generic Search - Userid Security Categories

```
1
 Date: 10/02/1998                                                                                             Page:         1
 Time: 14:03
                                                            SSA  Version 1.3
                                  Online Generic Searches - Userid Security Categories Report

 RACF Userid             Name                  Security Categories                Number Value
 -----------    --------------------    ---------------------------------------    -------------
  USER03       BILL GENUSERID          TESTCAT                                        00003
  USER03       BILL GENUSERID          BOB                                            00004
  USER01       ENDUSER, JOSEPH         TESTCAT                                        00003
  USER01       ENDUSER, JOSEPH         BOB                                            00004
```

Generic Search - General Group Information

```
1
 Date: 10/02/1998                                                                                             Page:         1
 Time: 14:04
                                                            SSA  Version 1.3
                                      Online Generic Searches - General Group Information Report

 RACF Group    Superior Group   Profile Owner   TERMUACC   Has Users   Has Subgroups                     Model Dataset
 ----------    --------------   -------------   --------   ---------   -------------     --------------------------------------
 $SREVOKE        DEVL            DEVL            Yes         Yes           Yes
 ADMIN           DEVL            DEVL            No          Yes           Yes
 ADMINAID        ADMIN           ADMIN           No          Yes           No
 ADMINX          $SREVOKE        $SREVOKE        No          No            No
 BACKUP          PROD            PROD            No          No            No
 BADGRP          TEST            TEST            No          Yes           No
 BMLTD           USERS           USERS           Yes         Yes           No
 CICDZN          SYSTEM          SYSTEM          No          No            No
 CICS            SYSTEM          SYSTEM          No          Yes           No
 CICSMPE         SYSTEM          SYSTEM          No          No            No
 CICTZN          SYSTEM          SYSTEM          No          No            No
 VSAMDSET        SYSTEM          SYSTEM          No          Yes           No
```

Generic Search - Group DFP Segment

```
1
 Date: 10/02/1998                                                                                            Page:         1
 Time: 14:06
                                                            SSA  Version 1.3
                                          Online Generic Searches - Group DFP Segment Report

  RACF Group      Management Class      Storage Class     Data Class      Data Application
 ------------    -----------------    ---------------    ------------    -----------------
  BMLTD              USERMGMT            USERSTOR          USERCLAS           USERAPPL
  MEGA               USERMGMT            USERSTOR          USERCLAS           USERAPPL
  NEWMEGA            USERMGMT            USERSTOR          USERCLAS           USERAPPL
  ABC                USERMGMT            USERSTOR          USERCLAS           USERAPPL
  SYS1               PRODMGMT            PRODSTOR          PRODCLAS           PRODAPPL
  TESTREM2           PRODMGMT            PRODSTOR          PRODCLAS           PRODAPPL
  TSTG003            TESTMGMT            TESTSTOR          TESTCLAS           TESTAPPL
```

Generic Search - Group OMVS Segment

```
1
 Date: 10/02/1998                                                                                            Page:         1
 Time: 14:07
                                                            SSA  Version 1.3
                                         Online Generic Searches - Group OMVS Segment Report

        RACF Group        OMVS GID
        ----------      --------------
         DCEGRP           0000000002
         IMWEB            0000000205
         MEGA             0000000000
         NEWGRP1          0000000002
         NEWMEGA          0000000000
         OMVSGRP          0000000001
         SPECIAL          0000000255
```

Generic Search - General Dataset Information

```
1
 Date: 10/02/1998                                                                                             Page:         1
 Time: 14:09
                                                            SSA  Version 1.3
                                    Online Generic Searches - General Dataset Information Report

                                                     Profile                                       Create    Last-Used
                Dataset Profile              Type     Owner    Volume   UACC    Warn   Notify     Date       Date     Resowner
 ----------------------------------------  --------  --------  ------  -------  ----   --------  ----------  ----------
 ADMIN.V*.ASM                              Generic   ADMIN             NONE      No              1998-05-28  1998-05-28
 ADMIN.V*.COBOL                            Generic   ADMIN             NONE      No              1998-05-28  1998-05-28
 ADMIN.V*.ISPTLIB                          Generic   ADMIN             NONE      No              1998-05-28  1998-05-28
 ADMIN.*.DATA.*                            Generic   USER001           NONE      No              1998-09-23  1998-09-23
 ADMIN.*                                   Generic   ADMIN             NONE      No              1996-10-21  1996-10-21  USER01
 BACKUP.*                                  Generic   BACKUP            NONE      No              1996-10-21  1996-10-21
 BACKUP.SENT01.G0001V00                    Discrete  USER01    B00001  NONE      No              1998-02-26  1998-02-26
 MEGA.*                                    Generic   MEGA              NONE      No              1998-09-17  1998-09-17  MEGA
```

Generic Search - Dataset Permissions

```
1
 Date: 10/02/1998                                                                                             Page:         1
 Time: 14:12
                                                            SSA  Version 1.3
                                    Online Generic Searches - Dataset Profile Permissions Report

                                                                Access   Access    Access                          Conditional
                Dataset Profile                Type    Volume   Entry    Level      Type       Name (If User)      Class  Entity
 ------------------------------------------  --------  ------  --------  -------  --------  --------------------   -----
 ADMIN.V*.ASM                                Generic           MEGA      ALTER    GROUP                            CONSOLE  02
 ADMIN.V*.ASM                                Generic           NEWMEGA   ALTER    GROUP                            CONSOLE  02
 ADMIN.V*.ASM                                Generic           USER02    ALTER    USER      BILL GENUSERID
 ADMIN.V*.ASM                                Generic           MEGA      ALTER    GROUP
 ADMIN.V*.ASM                                Generic           *         NONE     GENERAL
 ADMIN.V*.ASM                                Generic           TSTBAT1   ALTER    USER      NEW NAME FOR BILL ID
```

Generic Search - Dataset Security Categories

```
1
 Date: 10/02/1998                                                                                            Page:        1
 Time: 14:14
                                                            SSA  Version 1.3
                                 Online Generic Searches - Dataset Profile Security Categories Report

                Dataset Profile                 Type     Volume          Security Category              Numeric Value
 --------------------------------------------  --------  --------  ---------------------------------------  -------------
 ADMIN.*                                       Generic             BOB                                          00004
 BACKUP.SENT01.G0001V00                        Discrete   B00001   BOB                                          00004
```

Generic Search - General Resource Information

```
1
 Date: 10/02/1998                                                                                            Page:        1
 Time: 14:24
                                                            SSA  Version 1.3
                                Online Generic Searches - General Resource Profile Information Report

                                                      Profile                                                Create     Last Reference
  Class               Resource Profile                 Owner      UACC     Warn    Notify    Level     Date           Date
 --------   ---------------------------------------  --------   -------   ----   --------   -----   ----------   -------------
 GAA$RULE   AACONFIG-DEFAULT                          ADMIN      NONE      No                  00     1998-04-17     1998-04-17
 GAA$RULE   ADMIN-AIDE.ADMINISTRATORS                 ADMIN      NONE      No                  00     1998-04-17     1998-04-17
 GAA$RULE   ADMIN-AIDE.PASSWORDS                      USER001    NONE      No                  00     1998-07-29     1998-07-29
 GAA$RULE   ADMIN-AIDE.USERS                          ADMIN      NONE      No                  00     1998-04-17     1998-04-17
 GAA$RULE   GENERAL-CA                                ADMIN      NONE      No                  00     1998-05-30     1998-05-30
 GAA$RULE   GENERAL-PA                                ADMIN      NONE      No                  00     1998-05-30     1998-05-30
 GAA$RULE   SPECIAL-PA                                ADMIN      NONE      No                  00     1998-05-30     1998-05-30
 GAA$RULE   SPECIFIC-AUTHORITY                        ADMIN      NONE      No                  00     1998-08-04     1998-08-04
 GAA$RULE   UNLOAD-SECURITY                           ADMIN      NONE      No                  00     1998-05-30     1998-05-30
```

Generic Search - General Resource Permissions

```
1
 Date: 10/02/1998                                                                                            Page:         1
 Time: 14:33
                                                            SSA  Version 1.3
                                    Online Generic Searches - General Resource Profile Permissions

                                                          Access   Access    Access                       -- Conditional --
           General Resource Profile             Class     Entry     Level     Type      Name (If User)      Class    Entity
 --------------------------------------------  --------  --------  -------  -------- -------------------- -------- --------
 AACONFIG-DEFAULT                              GAA$RULE  USER01    ALTER    USER     ENDUSER, JOSEPH
 AACONFIG-DEFAULT                              GAA$RULE  USER02    READ     USER     BILL GENUSERID
 ADMIN-AIDE.ADMINISTRATORS                     GAA$RULE  USER01    ALTER    USER     ENDUSER, JOSEPH
 ADMIN-AIDE.ADMINISTRATORS                     GAA$RULE  TESTPO    ALTER    USER     JOSEPH ENDUSER
 ADMIN-AIDE.PASSWORDS                          GAA$RULE  USER02    ALTER    USER     BILL GENUSERID
 GENERAL-CA                                    GAA$RULE  NEWMEGA   ALTER    GROUP
 SPECIAL-PA                                    GAA$RULE  MEGA      ALTER    GROUP
 SPECIFIC-AUTHORITY                            GAA$RULE  TSTPA06   ALTER    USER     ENDUSER, JOSEPH
 SPECIFIC-AUTHORITY                            GAA$RULE  TSTBAT1   ALTER    USER     NEW NAME FOR BILL ID
```

Generic Search - General Resource Members

```
1
 Date: 10/02/1998                                                                                            Page:         1
 Time: 14:55
                                                            SSA  Version 1.3
                                  Online Generic Searches - General Resource Profile Members Report

                                                                                                  Profile
  Class                Resource Profile                                 Member                     Type
 --------   ----------------------------------------   ----------------------------------------   --------
 GAA$RULE   AACONFIG-DEFAULT                           ALLOCATION_PREFIX=$USERID$.TEST            Discrete
 GAA$RULE   AACONFIG-DEFAULT                           AA_LOADLIB=ADMIN.V510A.LOADLIB             Discrete
 GAA$RULE   AACONFIG-DEFAULT                           LINES_PER_PAGE=57                          Discrete
```

Generic Search - General Resource Session Segment

```
1
 Date: 10/02/1998                                                                                            Page:         1
 Time: 15:07
                                                            SSA  Version 1.3
                                  Online Generic Searches - General Resource Session Segment Report

                                                   Profile         Security  Number of Days   Failed   Before      Last Date
  Class                Resource Profile              Key     Lock  Checking  Key is Valid    Attempts  Lockout  Key Was Changed
 --------   ------------------------------------   --------  ----  --------  --------------  --------  -------  ----------
 APPCLU     TEST-SESS                                        No                  00001        00000     00000
 APPCLU     XYYYSESS                                         Yes                 00005        00000     00000   1998-05-07
```

Generic Search - General Resource DLF Segment

```
 Date: 10/02/1998                                                                                            Page:         1
 Time: 15:09
                                                            SSA  Version 1.3
                                             Online Generic Searches - DLFDATA Segment Report

  Class                Resource Profile                 Resource is Retained
 --------   ----------------------------------------    --------------------
 DLFCLASS   TESTDLF                                              No
```

Generic Search - General Resource Started Task Segment

```
1
 Date: 10/02/1998                                                                                            Page:         1
 Time: 15:11
                                                            SSA  Version 1.3
                                        Online Generic Searches - Started Task Segment Report

  Class                Resource Profile                  Userid       Group     Privileged    Trusted    Trace
 --------   ----------------------------------------    --------    --------    ----------    -------    -----
 STARTED    AASTC01.*                                   AASTC01     STARTASK        Yes        No         No
 STARTED    APPC.*                                      APPC        STARTASK        Yes        No         No
 STARTED    ASCH.*                                      ASCH        STARTASK        No         No         No
```

Generic Search - General Resource SystemView Segment

```
1
 Date: 10/02/1998                                                                                             Page:         1
 Time: 15:12
                                                            SSA  Version 1.3
                                 Online Generic Searches - General Resource SystemView Segment Report

  Class               Resource Profile                 Script Name    Parm Name
 --------   ----------------------------------------    ----------    ----------
 SYSMVIEW   TESTSCRIPT                                   SCRNAME       PARNAME
 SYSMVIEW   TESTVIEW                                     SCRPTER       PARMER
```

Generic Search - General Resource Security Categories

```
1
 Date: 10/02/1998                                                                                             Page:         1
 Time: 15:13
                                                            SSA  Version 1.3
                                    Online Generic Searches - General Resource Security Categories

  Class               Resource Profile                            Security Category               Numeric Value
 --------   ----------------------------------------    ---------------------------------------    -------------
 GCICSTRN   TEST                                         BOB                                           00004
 $TSTCLAS   TESTXXXXXXX                                  TESTCAT                                       00003
```

System Resource Monitor

The following are sample reports produced from System Resource Monitor print requests.

System Resource Monitor - Report Banner Page

```
1------------------------------------------------------------------------------------------------------------------------------
 |                                                                                                                            |
 |  Date: 10/02/1998                                                                                              Page:   1   |
 |                                                                                                                            |
 |  Time:  15:16                                                                                                              |
 |                                                                                                                            |
 |                                                     SSA - Version 1.3.0                                                    |
 |                                                                                                                            |
 |                                                     System Resource Monitor                                                |
 |                                                                                                                            |
 |                                                        CPU ID: 123456                                                      |
 |                                                                                                                            |
 |                                                        CPU Model:  9672                                                    |
 |                                                                                                                            |
 |                                                          SMF-ID: A90B                                                      |
 |                                                                                                                            |
 |                                                System Residence Volume:  OS39R1                                            |
 |                                                                                                                            |
 |                                                Operating System Level:  SP5.3.0                                            |
 |                                                                                                                            |
 |                                                Operating System FMID:  HBB6601                                             |
 |                                                                                                                            |
 |                                                       RACF Version:  2.02                                                  |
 |                                                                                                                            |
 ------------------------------------------------------------------------------------------------------------------------------
```

System Resource Monitor - Authorized Program Facility

```
1
 Date: 10/02/1998                                                                                                     Page:     1
 Time: 15:16
                                                       SSA - Version 1.3.0
                                                 Authorized Program Facility Report

                                                                                                                   Conditional
           Dataset/RACF Protecting Profile       Volume Type  Uacc   Warn   Entry        RACF Name        Level   Entry   Class
 ----------------------------------------------- ------ ---- ------- ----  -------- -------------------- ------- -------- -----
 APF  SYS1.LINKLIB                               OS39R1
      SYS1.*                                            GENR NONE    NO    BMLTD    >------ GROUP -----< READ
                                                                           MEGA     >------ GROUP -----< ALTER

 APF  SYS1.SVCLIB                                OS39R1
      SYS1.*                                            GENR NONE    NO    BMLTD    >------ GROUP -----< READ
                                                                           MEGA     >------ GROUP -----< ALTER
```

System Resource Monitor - Link List Datasets

```
1
 Date: 10/02/1998                                                                                                     Page:      1
 Time: 15:16
                                                       SSA - Version 1.3.0
                                                      Link List Datasets Report

                                                                                                                   Conditional
           Dataset/RACF Protecting Profile       Volume Type  Uacc   Warn   Entry        RACF Name        Level   Entry   Class
 ----------------------------------------------- ------ ---- ------- ----  -------- -------------------- ------- -------- --
 LLT  SYS1.LINKLIB                               OS39R1
      SYS1.*                                            GENR NONE    NO    BMLTD    >------ GROUP -----< READ
                                                                           MEGA     >------ GROUP -----< ALTER
LLT  SYS1.MIGLIB                                  OS39R1
      SYS1.*                                            GENR NONE    NO    BMLTD    >------ GROUP -----< READ
                                                                           MEGA     >------ GROUP -----< ALTER
```

System Resource Monitor - Link Pack Area Datasets

```
1
 Date: 10/02/1998                                                                                                      Page:     1
 Time: 15:16
                                                       SSA - Version 1.3.0
                                                   Link Pack Area Datasets Report

                                                                                                                     Conditional
           Dataset/RACF Protecting Profile       Volume Type  Uacc   Warn    Entry        RACF Name        Level   Entry   Class
 ----------------------------------------------- ------ ---- ------- ----   -------- -------------------- ------- --------- --
 LPA  SYS1.LPALIB                                OS39R1
      SYS1.*                                            GENR NONE    NO     BMLTD    >------ GROUP -----< READ
                                                                            MEGA     >------ GROUP -----< ALTER
 LPA  SYS1.SISFLPA                               OS39R1
      SYS1.*                                            GENR NONE    NO     BMLTD    >------ GROUP -----< READ
                                                                            MEGA     >------ GROUP -----< ALTER
```

System Resource Monitor - Class Descriptor Table (Report 01)

```
1
 Date: 10/02/1998                                                                                                      Page:     1
 Time: 15:16
                                                       SSA - Version 1.3.0
                                                    Class Descriptor Table Report

            Group/                              - Name Syntax Rules -
   Class    Member   Posit   Class    Maximum    First       Other     Max   Default --- Allowed ---         ------- Options -----
   Name     Class    Number   ID     Mbr Lngth  Character  Characters Length  UACC   Oper Racl Genl  Active? Genprf Gencmd Racl Genl
 --------  --------  ------  -----   ---------  ---------- ---------- ------ ------- ---- ---- -----  ------- ------ ------ ----
 $TSTCLAS             0030    128      246      ALPHA      ANY         246   NONE    NO   YES   NO     YES    YES    YES    YES  NO
 ACCTNUM              0126    046      039      ANY        ANY         039   NONE    NO   YES   NO     YES    YES    YES    YES  NO
 ACICSPCT  BCICSPCT   0005    037      013      ANY        ANY         013   NONE    NO   NO    NO     YES    YES    YES    NO   NO
 AIMS                 0004    011      008      ALPHA      ALPHANUM    008   NONE    NO   NO    NO     NO     YES    YES    NO   NO
 ALCSAUTH             0548    001      062      ANY        ANY         062   NONE    YES  YES   NO     NO     NO     NO     NO   NO
 APPCLU               0118    057      035      ALPHA      ANY         035   NONE    NO   NO    NO     NO     YES    YES    NO   NO
 APPCPORT             0087    098      008      ALPHA      ALPHANUM    008   NONE    NO   YES   NO     NO     YES    YES    NO   NO
 APPCSERV             0084    105      073      ALPHANUM   ANY         073   NONE    NO   YES   NO     NO     YES    YES    NO   NO
 APPCSI               0088    097      026      ALPHANUM   ANY         026   READ    NO   YES   NO     NO     YES    YES    NO   NO
 BCICSPCT  ACICSPCT   0005    038      013      ANY        ANY         013   NONE    NO   NO    NO     YES    NO     NO     NO   NO
 CCICSCMD  VCICSCMD   0005    052      021      ANY        ANY         021   NONE    NO   NO    NO     YES    YES    YES    NO   NO
```

System Resource Monitor - Class Descriptor Table (Report 02)

```
1
 Date: 10/02/1998                                                                                                     Page:     1
 Time: 15:57
                                                      SSA - Version 1.3.0
                                                   Class Descriptor Table Report

 CLASS: $TSTCLAS
 ----------------
 Class Number:                     128
 Posit Number:                     0030
 Member/Group Class:
 Active:                           YES
 Genlisted:                        NO
 Raclisted:                        YES
 Generic Profiles Allowed:         YES
 Generic Commands Allowed:         YES
 Maximum Member Length:            246
 Syntax First Character:           ALPHA
 Syntax of Remaining Characters:   ANY
 Default UACC:                     NONE
 Resource Class:                   NO
 Use UACC from ACEE:               NO
 Operations Allowed:               NO
 Raclist Allowed:                  YES
 Genlist allowed:                  NO
 Default Return Code:              004
 Raclist Required:                 NO
 Profiels Can be Defined:          YES
 Seclabel Required:                NO
 Reverse MAC Checking:             NO
 Characters 1-4 to Prior Class:    NO
 Number of Significant Qualifiers: 000
 Original Maximum Member Length:   246
 CDT-Raclisted:                    YES
 CDT-Genlisted:                    NO
 Global:                           NO
 Auditing:                         NO
 Statistics:                       NO
 Log-Always:                       NO
 Log-Never:                        NO
 Log-Successes:                    NO
 Log-Failures:                     NO
```

System Resource Monitor - Program Properties Table

```
1
 Date: 10/02/1998                                                                                     Page:     1
 Time: 15:16
                                                       SSA - Version 1.3.0
                                                   Program Properties Table Report

              Non-     - Protect Key -    NON                 SYSTEM   Data Set  Bypass Pwd        Level      CPU Affinity
  Program  Cancelable   Required  Key  Swappable  Privileged   Task   Integrity  Protection  Preferred Usage  (FFFF If No)  Origin
 --------- ----------  --------------- ---------  ----------  ------  ---------  ----------- ---------------  ------------  --
 IEDQTCAM     NO          YES     06      YES         NO        NO        NO         NO             NOT2            FFFF      IBM
 ISTINM01     YES         YES     06      YES         NO        YES       NO         YES            NOT2            FFFF      IBM
 IKTCAS00     YES         YES     06      NO          YES       YES       NO         NO             NONE            FFFF      IBM
 AHLGTF       YES         YES     00      YES         NO        YES       NO         NO             NOT2            FFFF      IBM
 HHLGTF       YES         YES     00      YES         NO        YES       NO         NO             NOT2            FFFF      IBM
 IHLGTF       YES         YES     00      YES         NO        YES       NO         NO             NOT2            FFFF      IBM
```

System Resource Monitor - General RACF Information

```
1
 Date: 10/02/1998                                                                                     Page:     1
 Time: 15:16
                                                       SSA - Version 1.3.0
                                                   General RACF Information Report

 Bypass Racinit Statistics:           NO
 Bypass Dataset Statistics:           YES
 Bypass TAPEVOL Statistics:           YES
 Bypass DASDVOL Statistics:           YES
 BYPASS TERMINAL Statistics:          YES
 ADSP Protection:                     NO
 Enhanced Generic Naming in Effect:   NO
 Tape Volume Protection in Effect:    NO
 Dasd Protection in Effect:           NO
 Dataset Generic Profile Check:       YES
 Dataset Generic Command Check:       YES
 I/P Dataset Used (LOG/MSG):          NO
 JES-XBMALLRACF in Effect:            NO
 JES-EARLYVERIFY in Effect:           NO
```

System Resource Monitor - RACF Installation Exits

```
1
 Date: 10/02/1998                                                                                                     Page:     1
 Time: 15:16
                                                       SSA - Version 1.3.0
                                                   RACF Installation Exits Report

 Exit Name               Exit Description             Active   Entry Address
 ---------  ----------------------------------------  ------   -------------
 ICHRIX01   RACROUTE REQUEST=VERIFY (PRE-PROCESS)       NO
 ICHRIX02   RACROUTE REQUEST=VERIFY (POST-PROCESS)      NO
 ICHRCX01   RACROUTE REQUEST=AUTH (PRE-PROCESS)         NO
 ICHRCX02   RACROUTE REQUEST=AUTH (POST-PROCESS)        NO
 ICHRDX01   RACROUTE REQUEST=DEFINE (PRE-PROCESS)       NO
 ICHRDX02   RACROUTE REQUEST=DEFINE (POST-PROCESS)      NO
 ICHRLX01   RACROUTE REQUEST=LIST (PRE-PROCESS)         NO
 ICHPWX01   NEW PASSWORD                                NO
 ICHDEX01   PASSWORD AUTHENTICATION                     NO
 ICHCNV00   NAMING CONVENTION TABLE (BUILD)             NO
 ICHCNV01   NAMING CONVENTION TABLE (DELETE)            NO
 ICHRFX01   RACROUTE REQUEST=FASTAUTH (PRE-PROCESS)     NO
 ICHRFX02   RACROUTE REQUEST=FASTAUTH (POST-PROCESS)    NO
 ICHRFX03   RACROUTE REQUEST=FASTAUTH (PRE-PROCESS)     NO
```

System Resource Monitor - RACF Database Datasets

```
1
 Date: 10/02/1998                                                                                                     Page:     1
 Time: 15:16
                                                       SSA - Version 1.3.0
                                                    RACF Database Datasets Report

                                                                                                                     Conditional
           Dataset/RACF Protecting Profile       Volume Type  Uacc   Warn   Entry        RACF Name        Level   Entry    Class
 ----------------------------------------------- ------ ---- ------- ----  -------- -------------------- ------- -------- --
 RDS  SYS1.RACF                                          <PRIMARY,RESTRUCTURED,IPL=PRIMARY,ACTIVE,MASTER,SHARED>
      SYS1.*                                            GENR NONE    NO    BMLTD    >------ GROUP -----< READ
                                                                           MEGA     >------ GROUP -----< ALTER
 RDS  SYS1.RACF.BACKUP                                   <BACKUP,RESTRUCTURED,IPL=BACKUP ,ACTIVE,MASTER,SHARED>
      SYS1.*                                            GENR NONE    NO    BMLTD    >------ GROUP -----< READ
                                                                           MEGA     >------ GROUP -----< ALTER
```

System Resource Monitor - RACF Authorized Caller Table

```
1
 Date: 10/02/1998                                                                                                     Page:     1
 Time: 15:16
                                                      SSA - Version 1.3.0
                                                   RACF Authorized Caller Report

 Program Name  Can Program Issue Raclist  Can Program Issue Racinit
 ------------  -------------------------  -------------------------
    MTSPGM              YES                        YES
    BATPGM              NO                         YES
    PAOPGM              YES                        NO
```

System Resource Monitor - RACF Router Table

```
1
 Date: 10/03/1998                                                                                                     Page:     2
 Time:  8:51
                                                        SSA Version 1.3.0
                                                     RACF Router Table Report

 Requestor Name   Resource Class   SubSystem Name    Defined to RACF
 --------------   --------------   --------------    ---------------
                     DATASET                              YES
                     USER                                 YES
                     GROUP                                YES
                     CONNECT                              YES
                     DASDVOL                              YES
                     GDASDVOL                             YES
                     TAPEVOL                              YES
                     TERMINAL                             YES
```

System Resource Monitor - System Management Facility (Report 01)

```
1
 Date: 10/02/1998                                                                                                     Page:     1
 Time: 15:16
                                                       SSA - Version 1.3.0
                                                  System Management Facility Report

                                                                                                                   Conditional
           Dataset/RACF Protecting Profile       Volume Type  Uacc   Warn   Entry        RACF Name        Level   Entry   Class
 ----------------------------------------------- ------ ----  ------- ----  -------- -------------------- ------- -------- --
 SMF  SYS1.MAN1                                  SCPMV5  <ACTIVE,NO DUMP REQUIRED,PERCENT-USED= 70%>
      SYS1.*                                            GENR NONE    NO    BMLTD    >------ GROUP -----< READ
                                                                           MEGA     >------ GROUP -----< ALTER
 SMF  SYS1.MAN2                                  SCPMV5  <BACKUP,NO DUMP REQUIRED,PERCENT-USED=  0%>
      SYS1.*                                            GENR NONE    NO    BMLTD    >------ GROUP -----< READ
                                                                           MEGA     >------ GROUP -----< ALTER
```

System Resource Monitor - System Management Facility (Report 02)

```
1
 Date: 10/02/1998                                                                                                     Page:     1
 Time: 15:57
                                                       SSA - Version 1.3.0
                                                  System Management Facility Report

 System                                                                  Dump     Percent Job Wait  Max Dorm
   ID                 SMF Dataset                      Volume  Active  Required    Used     Time      Time
 ------  --------------------------------------------  ------  ------  --------  -------  --------  --------
 A90B   SYS1.MAN1                                     SCPMV5    YES     NO        70%      0400      3000
 A90B   SYS1.MAN2                                     SCPMV5    NO      NO         0%      0400      3000
 A90B   SYS1.MAN3                                     SCPMV5    NO      NO         0%      0400      3000
 A90B   SYS1.MAN4                                     SCPMV5    NO      NO         0%      0400      3000
  ACTIVE SMF TYPES:   014:015,017,030,080:081,083,110
```

System Resource Monitor - Started Task Table

```
1
 Date: 10/02/1998                                                                                     Page:     1
 Time: 15:16
                                                       SSA - Version 1.3.0
                                                      Started Task Table Report

 Procedure  Associated  Associated                                           Default               Racinit   --- Attributes -
   Name        User       Group     PrivilegeD  Trusted       RACF Name       Group    OWNER        Date     Oper Spec Audt Revk
 ---------  ----------  ----------  ----------  -------  ------------------  --------  --------    --------  -----------
  *          =           SYS1          NO         NO
 >TEST       JOB         GRP           NO         NO     * INVALID *
 >AASTC01    AASTC01     STARTASK      YES        NO     STARTED TASK        STARTASK  STARTASK    10/02/97   YES  YES  NO   NO
 >ASCHINT    ASCHINT     STARTASK      NO         NO     STARTED TASK        STARTASK  STARTASK    09/22/97   NO   NO   NO   NO
```

** - The > indicates that the entry is from the RACF STARTED class.

System Resource Monitor - Supervisor Calls

```
1
 Date: 10/02/1998                                                                                     Page:     1
 Time: 15:16
                                                       SSA - Version 1.3.0
                                                       Supervisor Calls Report

 SVC #000  X('000')  Description: EXCP/XDAP
           ESR Number:                   Module Name:                IGC000
           Entry Point:       00FDD5F0   Entry Point Name:           IECVEXCP
           Location:          NUCLEUS    AMODE-31:                   NO
           Type:              1          Authorized:                 NO
           ESR:               NO         Non-Preemptive:             NO
           Can Be Assigned:   NO         AR Mode OK:                 NO
           Local Lock:        YES        CMS Lock:                   NO
           OPT Lock:          NO         ALLOC Lock:                 NO
           DISP Lock:         NO         New Entry Point Address:
           Call Return Addr:             Update Date:
           New EP Name:                  Parmlib Suffix Via Parmlib:
           Number of Updates:
```

System Resource Monitor - Authorized TSO Tables

```
1
 Date: 10/02/1998                                                                                                     Page:     1
 Time: 15:16
                                                       SSA - Version 1.3.0
                                                    Authorized TSO Tables Report

  Parmlib    Tso Auth
  Member      Table           Member List
  --------   --------      ----------------------------------------------------------
  IKJTS000   AUTHTSF       IKJEFT01  AACMD001  AACMD002  AACNG001  AACNG002  AACNG003
                           AAATHCHK  AAATHDSN  AAATHRSC  AAATHUSR  AAPSWCHK  AAGRPUSR
                           AAREP011  MNAPFPRC  MNGRPPRC  MNCDTPRC  MNCD2PRC  MNLLTPRC
                           MNLPAPRC  MNPPTPRC  MNRACPRC  MNRAUPRC  MNRFRPRC  MNSMFPRC
                           MNSM4PRC  MNSTCPRC  MNSVCPRC  MNAUTHRX  IEBCOPY   ICQASLIO
                           IKJEFF76
```

TSO Direct Administration and CICS Direct Administration

SSA-TDA and SSA-CDA produce standard RACF Type 80 SMF records. The format of the command will show on the report as if a user had entered the actual RACF COMMAND. Below are examples of TSO Direct Password Administration and TSO Direct Connect Administration SMF records as produced by the RACF Report Writer.

RACF Report Writer Example

This report shown below and on the following pages are examples of RACF Report Writer reports for all possible Password Administration functions. Please note the following about Password Administration SMF records:

If a security administrator attempts to use a Password Administration function against a userid that has global SPECIAL and they do not have access to the SSA.$RESET.$SPECIAL$ profile an SMF record is NOT produced.

If a security administrator attempts to use a Password Administration function against a UserID that is SuperRevoked only one SMF record is produced; a Failure to connect the user to the SuperRevoke group (EVENT=14 QUAL=1). See the SuperRevoke UserID Success and Failure example.

All Password Administration functions are considered separate requests. This means that if multiple functions are requested, a separate SMF record is produced for each function. See the PASSWORD RESUME example below.

TSO Direct Password Administration

Change Password Success and Failure

```
 98.178 19:07:07                            RACF REPORT - LISTING OF PROCESS RECORDS
PAGE 1
                                                         E
                                                         V  Q
                                                         E  U
                      *JOB/USER  *STEP/    --TERMINAL--  N  A
  DATE    TIME   SYSID   NAME     GROUP       ID    LVL  T  L
 98.178 18:58:44 A90B   USER02X   SYS1     CLNT01L2   0 13  0  JOBID=(USER02X 98.178 18:58:44),USERDATA=(USRADMIN)
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                 ALTUSER USER03 PASSWORD(****)

 98.178 18:59:35 A90B   USER02X   SYS1     CLNT01L2   0 13  1  JOBID=(USER02X 98.178 18:59:35),USERDATA=(USRADMIN)
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COM-
MAND),VIOL=(USER-AUTHORITY,

                                                               PASSWORD)
                                                                 ALTUSER USER03 PASSWORD(****)
```

Resume UserID Success and Failure

```
 98.178 18:58:54 A90B   USER02X   SYS1     CLNT01L2   0 13  0  JOBID=(USER02X 98.178 18:58:54),USERDATA=(USRADMIN)
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                 ALTUSER USER03 RESUME
 98.178 18:59:40 A90B   USER02X   SYS1     CLNT01L2   0 13  1  JOBID=(USER02X 98.178 18:59:40),USERDATA=(USRADMIN)
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COMMAND),VIOL=(USER-AUTHORITY,
                                                               RESUME)
                                                                 ALTUSER USER03 RESUME
```

Change Password and Resume Success and Failure (ALU USERID PASSWORD RESUME Command).
Note: Password Administration will produce two SMF records for each Success and each Failure in this example.

```
98.178 18:58:48 A90B   USER02X   SYS1     CLNT01L2   0 13  0  JOBID=(USER02X 98.178 18:58:48),USERDATA=(USRADMIN)
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                 ALTUSER USER03 RESUME

 98.178 18:58:48 A90B   USER02X   SYS1     CLNT01L2   0 13  0  JOBID=(USER02X 98.178 18:58:48),USERDATA=(USRADMIN)
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                 ALTUSER USER03 PASSWORD(****)

 98.178 18:59:40 A90B   USER02X   SYS1     CLNT01L2   0 13  1  JOBID=(USER02X 98.178 18:57:45),USERDATA=(USRADMIN)
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COMMAND),VIOL=(USER-AUTHORITY,
                                                               RESUME)
                                                                 ALTUSER USER03 RESUME

 98.178 18:59:40 A90B   USER02X   SYS1     CLNT01L2   0 13  1  JOBID=(USER02X 98.178 18:57:45),USERDATA=(USRADMIN)
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COMMAND),VIOL=(USER-AUTHORITY,
                                                               PASSWORD)
                                                                 ALTUSER USER03 PASSWORD(****)
```

Revoke UserID Success and Failure

```
98.178 18:58:57 A90B   USER02X   SYS1     CLNT01L2   0 13  0  JOBID=(USER02X 98.178 18:58:57),USERDATA=(USRADMIN)
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                 ALTUSER USER03 REVOKE

 98.178 18:59:45 A90B   USER02X   SYS1     CLNT01L2   0 13  1  JOBID=(USER02X 98.178 18:59:45),USERDATA=(USRADMIN)
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COMMAND),VIOL=(USER-AUTHORITY,
                                                               REVOKE)
                                                                 ALTUSER USER03 REVOKE
```

Set Resume Date on UserID Success and Failure

```
 98.178 19:00:04 A90B   USER02X   SYS1     CLNT01L2   0 13  0  JOBID=(USER02X 98.178 19:00:04),USERDATA=(USRADMIN)
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                 ALTUSER USER03 RESUME(06/30/96)

 98.178 19:01:51 A90B   USER02X   SYS1     CLNT01L2   0 13  1  JOBID=(USER02X 98.178 19:01:51),USERDATA=(USRADMIN)
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COMMAND),VIOL=(USER-AUTHORITY,
                                                               RESUME)
                                                                 ALTUSER USER03 RESUME(06/30/96)
```

Set Revoke Date on UserID Success and Failure

```
 98.178 19:00:22 A90B   USER02X   SYS1     CLNT01L2   0 13  0  JOBID=(USER02X 98.178 19:00:22),USERDATA=(USRADMIN)
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                 ALTUSER USER03 REVOKE(06/30/96)

 98.178 19:01:56 A90B   USER02X   SYS1     CLNT01L2   0 13  1  JOBID=(USER02X 98.178 19:01:56),USERDATA=(USRADMIN)
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COMMAND),VIOL=(USER-AUTHORITY,
                                                               REVOKE)
                                                                 ALTUSER USER03 REVOKE(06/30/96)
```

SuperRevoke UserID Success and Failure

Note: Password Administration will produce two SMF records for each Success and one SMF record for each Failure.

```
 98.178 19:01:55 A90B   USER02X   SYS1     CLNT01L2   0 13  0  JOBID=(USER02X 98.178 19:01:55),USERDATA=(USRADMIN)
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                 ALTUSER USER03 REVOKE

 98.178 19:01:55 A90B   USER02X   SYS1     CLNT01L2   0 14  0  JOBID=(USER02X 98.178 19:01:55),USERDATA=(USRADMIN),OWNER=$SREVOKE
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                CONNECT USER03 GROUP($SREVOKE) UACC(NONE) AUTHORITY(USE) OWNER(
                                                                 $SREVOKE)

 98.178 19:01:55 A90B   USER02X   SYS1     CLNT01L2   0 14  1  JOBID=(USER02X 98.178 19:01:59),USERDATA=(USRADMIN),OWNER=$SREVOKE
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COMMAND),VIOL=(GROUP,UACC,
                                                               AUTHORITY,OWNER)
                                                                CONNECT USER03 GROUP($SREVOKE) UACC(NONE) AUTHORITY(USE) OWNER(
                                                                        $SREVOKE)
```

Remove SuperRevoke from UserID Success

Note: Password Administration will produce two SMF records for each Success.

```
 98.178 19:06:02 A90B   USER020   SYS1     CLNT01L2   0 13  0  JOBID=(USER02X 98.178 19:06:02),USERDATA=(USRADMIN)
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                 ALTUSER USER03 RESUME

  98.178 19:06:02 A90B  USER02X  SYS1     CLNT01L2   0 23 0  JOBID=(USER02X 98.178 19:06:02),USERDATA=(USRADMIN),OWNER=$SREVOKE
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                 REMOVE USER03 GROUP($SREVOKE)
```

Change UserID Installation Data Field Success and Failure

```
 98.178 19:01:29 A90B   USER02X   SYS1     CLNT01L2   0 13  0  JOBID=(USER02X 98.178 19:01:29),USERDATA=(USRADMIN)
                        BOB SMITH                              AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                 ALTUSER USER03 DATA('SECURITY ADMINISTRATOR')

  98.178 19:02:04 A90B  USER02X   SYS1     CLNT01L2   0 13  1  JOBID=(USER02X 98.178 19:02:04),USERDATA=(USRADMIN)
                      BOB SMITH                            AUTH=(INSTALLATION EXIT),REASON=(COMMAND),VIOL=(USER-AUTHORITY,DATA)
                                                                 ALTUSER USER03 DATA('')
```

TSO Direct Connect Administration

Connect Success/Failure

```
97.188 17:42:41                               RACF REPORT - LISTING OF PROCESS RECORDS                                  PAGE      5
                                                          CA COMMAND REPORT
                                                        E
                                                        V  Q
                                                        E  U
                     *JOB/USER  *STEP/    --TERMINAL--  N  A
 DATE    TIME   SYSID   NAME     GROUP       ID    LVL  T  L
97.188 17:14:01 A90B   TSGMCT    MEGA     YYYY01L1   0 14  0  JOBID=(TSGMCT 97.188 17:14:01),USERDATA=(CONADMIN),OWNER=TESTCAG
                       MARY LAZARS                            AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                CONNECT TESTCAU GROUP(TESTCAG) OWNER(TESTCAG)

97.188 17:14:01 A90B   TSGMCT    MEGA     YYYY01L1   0 14  1  JOBID=(TSGMCT 97.188 17:14:01),USERDATA=(CONADMIN),OWNER=TESTCAG
                       MARY LAZARS                            AUTH=(INSTALLATION EXIT),REASON=(COMMAND),VIOL=(GROUP)
                                                                CONNECT TESTCAU GROUP(TESTCAG)
```

Remove Success/Failure

```
97.188 17:39:01 A90B   TSGMCT    MEGA     YYYY01L1   0 23  0  JOBID=(TSGMCT 97.188 17:39:01),USERDATA=(CONADMIN),OWNER=ADMIN
                       MARY LAZARS                            AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                REMOVE TESTCAU GROUP(ADMIN)

97.188 17:39:01 A90B   TSGMCT    MEGA     YYYY01L1   0 23  1  JOBID=(TSGMCT 97.188 17:39:01),USERDATA=(CONADMIN),OWNER=ADMIN
                       MARY LAZARS                            AUTH=(INSTALLATION EXIT),REASON=(COMMAND),VIOL=(GROUP)
                                                                REMOVE TESTCAU GROUP(ADMIN)
```

Connect with Revoke Success/Failure

```
97.188 17:14:01 A90B   TSGMCT    MEGA     YYYY01L1   0 14  0  JOBID=(TSGMCT 97.188 17:14:01),USERDATA=(CONADMIN),OWNER=TESTCAG
                       MARY LAZARS                            AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                CONNECT TESTCAU GROUP(TESTCAG) REVOKE

97.188 17:14:01 A90B   TSGMCT    MEGA     YYYY01L1   0 14  1  JOBID=(TSGMCT 97.188 17:14:01),USERDATA=(CONADMIN),OWNER=TESTCAG
                       MARY LAZARS                            AUTH=(INSTALLATION EXIT),REASON=(COMMAND),VIOL=(GROUP,REVOKE)
                                                                CONNECT TESTCAU GROUP(TESTCAG) REVOKE
```

Connect with Resume Success/Failure

```
97.188 17:14:01 A90B   TSGMCT    MEGA     YYYY01L1   0 14  0  JOBID=(TSGMCT 97.188 17:14:01),USERDATA=(CONADMIN),OWNER=TESTCAG
                       MARY LAZARS                            AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                CONNECT TESTCAU GROUP(TESTCAG) RESUME

97.188 17:14:01 A90B   TSGMCT    MEGA     YYYY01L1   0 14  1  JOBID=(TSGMCT 97.188 17:14:01),USERDATA=(CONADMIN),OWNER=TESTCAG
                       MARY LAZARS                            AUTH=(INSTALLATION EXIT),REASON=(COMMAND),VIOL=(GROUP,RESUME)
                                                                CONNECT TESTCAU GROUP(TESTCAG) RESUME
```

Connect with Revoke Date Success/Failure

```
97.188 17:14:01 A90B   TSGMCT    MEGA     YYYY01L1   0 14  0  JOBID=(TSGMCT 97.188 17:14:01),USERDATA=(CONADMIN),OWNER=TESTCAG
                       MARY LAZARS                            AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
```

```
                                                                     CONNECT TESTCAU GROUP(TESTCAG) REVOKE(07/10/97)

97.188 17:14:01 A90B   TSGMCT    MEGA     YYYY01L1   0 14  1  JOBID=(TSGMCT 97.188 17:14:01),USERDATA=(CONADMIN),OWNER=TESTCAG
                       MARY LAZARS                            AUTH=(INSTALLATION EXIT),REASON=(COMMAND),VIOL=(GROUP,REVOKE)
                                                                CONNECT TESTCAU GROUP(TESTCAG) REVOKE(07/10/97)
```

Connect with Resume Date Success/Failure

```
97.188 17:14:01 A90B   TSGMCT    MEGA     YYYY01L1   0 14  0  JOBID=(TSGMCT 97.188 17:14:01),USERDATA=(CONADMIN),OWNER=TESTCAG
                       MARY LAZARS                            AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                CONNECT TESTCAU GROUP(TESTCAG) RESUME(07/10/97)

97.188 17:14:01 A90B   TSGMCT    MEGA     YYYY01L1   0 14  1  JOBID=(TSGMCT 97.188 17:14:01),USERDATA=(CONADMIN),OWNER=TESTCAG
                       MARY LAZARS                            AUTH=(INSTALLATION EXIT),REASON=(COMMAND),VIOL=(GROUP,RESUME)
                                                                CONNECT TESTCAU GROUP(TESTCAG) RESUME (07/10/97)
```

Connect with Group UACC Success/Failure

```
97.188 17:14:25 A90B   TSGMCT    MEGA     YYYY01L1   0 14  0  JOBID=(TSGMCT 97.188 17:14:25),USERDATA=(CONADMIN),OWNER=TESTCAX
                       MARY LAZARS                            AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                CONNECT TESTCAU GROUP(TESTCAX) UACC(READ)

97.188 17:14:25 A90B   TSGMCT    MEGA     YYYY01L1   0 14  1  JOBID=(TSGMCT 97.188 17:14:25),USERDATA=(CONADMIN),OWNER=TESTCAX
                       MARY LAZARS                            AUTH=(INSTALLATION EXIT),REASON=(COMMAND),VIOL=(GROUP,UACC)
                                                                CONNECT TESTCAU GROUP(TESTCAX) UACC(ALTER)
```

Connect with Group Authority Success/Failure

```
97.188 17:14:43 A90B   TSGMCT    MEGA     YYYY01L1   0 14  0  JOBID=(TSGMCT 97.188 17:14:43),USERDATA=(CONADMIN),OWNER=ADMIN
                       MARY LAZARS                            AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                CONNECT TESTCAU GROUP(ADMIN) AUTH(CONNECT)

97.188 17:14:43 A90B   TSGMCT    MEGA     YYYY01L1   0 14  1  JOBID=(TSGMCT 97.188 17:14:43),USERDATA=(CONADMIN),OWNER=ADMIN
                       MARY LAZARS                            AUTH=(INSTALLATION EXIT),REASON=(COMMAND),VIOL=(GROUP,AUTHORITY)
                                                                CONNECT TESTCAU GROUP(ADMIN) AUTHORITY(CONNECT)
```

Connect with Attribute Success/Failure

```
 97.188 17:14:43 A90B   TSGMCT    MEGA     YYYY01L1   0 14  0  JOBID=(TSGMCT 97.188 17:14:43),USERDATA=(CONADMIN),OWNER=ADMIN
                        MARY LAZARS                            AUTH=(INSTALLATION EXIT),REASON=(COMMAND)
                                                                 CONNECT TESTCAU GROUP(ADMIN) SPECIAL

 97.188 17:14:43 A90B   TSGMCT    MEGA     YYYY01L1   0 14  1  JOBID=(TSGMCT 97.188 17:14:43),USERDATA=(CONADMIN),OWNER=ADMIN
                        MARY LAZARS                            AUTH=(INSTALLATION EXIT),REASON=(COMMAND),VIOL=(GROUP,SPECIAL)
```

Appendix B. SSA ISPF Tables

SSA version 1.3 stores extracted RACF information in ISPF tables. This appendix describes each SSA table. The description includes the name of table fields, formats, content, and the IRRDBU00 record(s) that provide information stored in the tables. Users are welcome to use the information stored in the SSA ISPF tables for report or command generation.

Note SSA ISPF tables should be updated only with the SSA offload process to ensure data integrity.

Adhoc Field Substitution

SSA version 1.3, provides the ability to create adhoc reports that use literal substitution and the power of the Online Generic Search facilities. Refer to "Chapter 4 Online Generic Searches" on page 77 for more information about building a substitution mask.

Literal substitution means the mask or value indicator must be the same length as the field whose value will be substituted for it. For example, if you are using the General User Information Online Generic Search, and wish to create an adhoc mask to create reports, you more than likely would want the userid to be part of your mask/report. The SSA mask value is the same name as the ISPF variable name you see below - AAUSER. Therefore, you would have to put the variable name in the position you wanted the userid to be placed while padding it with two blanks.

In the ISPF table layout descriptions below, a new column has been included that documents what value must be used as the mask for the variable in question. IF THE VALUE FOR SUBSTITUTION IS THE SAME LENGTH NO VALUE WILL BE NOTED IN THE NEW COLUMN.

Note: Some variables are not eligible for substitution and are noted with a N/A. In most cases, single character variables are (i.e., Y/N) are translated to a 3-character value to be used for substitution (i.e., YES, NO).

Some variables are long. Those variables deemed too long for single level substitution are broken up into sections. The variable names and the amount of characters that variable cover are documented. It is important to note that the separate variables are sequential pieces of the whole original variable/value. For example, the user installation data field is 255 possible characters long. The installation data field is broken up into 5 substitution masks (AAUSINDT1 through AAUSINDT5) each of which covers 51 characters of the total field. Thus, if you wanted to have characters 52 through 102 displayed on your report, you would use mask variable AAUSINDT2 with 42 blanks following it.

Only the main tables that correspond to the Online Generic Search options are available for adhoc reporting. For example, the main OPERPARM segment table is available for adhoc reporting, however, the MSCOPE table is not.

Generic Search Table Usage

All programming statements (Assembler) necessary to access the SSA ISPF tables are available in the install library. The name of the table is the name of the member where those definitions are stored. The following table shows which SSA ISPF table provides data to conduct a specific Online Generic Search.

Online Generic Search Option	SSA ISPF Table
General Userid	AATBLE01
Userid TSO Segment	AATBLE05
Userid CICS Segment	AATBLE07
Userid DFP Segment	AATBLE08
Userid Language Segment	AATBLE09
Userid OPERPARM Segment	AATBLE10
Userid WORKATTR Segment	AATBLE29
Userid NETVIEW Segment	AATBLE30
Userid OMVS Segment	AATBLE11
Userid DCE Segment	AATBLE33
RRSF Associations	AATBLE34
Connects	AATBLE12
CLAUTH Authorities	AATBLE04
Userid Security Categories	AATBLE03
General Group	AATBLE13
Group DFP Segment	AATBLE15
Group OMVS Segment	AATBLE02
General Dataset	AATBLE17
Dataset Permissions	AATBLE20
Dataset Security Categories	AATBLE27
General Resource	AATBLE22
General Resource Permissions	AATBLE26
General Resource Members	AATBLE25
General Resource Session Segment	AATBLE18
General Resource DLFDATA Segment	AATBLE21
General Resource STDATA Segment	AATBLE24
General Resource SystemView Segment	AATBLE35
General Resource Security Categories	AATBLE16

USERID Profile Related Tables

This section describes SSA ISPF tables that provide RACF user ID information.

AATBLE01 Table

Information:General User Information

Main Feed:0200

Field Name	Length	Content	Description	Adhoc Substitution Mask
AAUSER	8	Char	Userid	
AAUSNAME	20	Char	Name	
AAUSDFLG	8	Char	Default Group	
AAUSOWNR	8	Char	Profile Owner	
AAUSCRDT	10	1900-01-01	Creation Date	
AAUSLSDT	10	1900-01-01	Last Used Date	
AAUSLSTM	8	HH:MM:SS	Last Used Time	
AAUSPSDT	10	1900-01-01	PassDate	
AAUSNVLG	1	Y/N	Never Logged On	@NV
AAUSPSWI	3	Numeric	Password Interval (000 = N/A)	@PS
AAUSMODS	44	Char	Model Dataset	
AAUSSPEC	1	Y/N	Special?	@SP
AAUSOPER	1	Y/N	Operations?	@OP
AAUSAUDI	1	Y/N	Auditor?	@AU
AAUSGRPA	1	Y/N	GRPACC?	@GR
AAUSUAUD	1	Y/N	UAUDIT?	@UA
AAUSADSP	1	Y/N	ADSP?	@AD
AAUSOIDC	1	Y/N	OIDCARD?	@OI
AAUSREVO	1	Y/N	Revoked?	@RV
AAUSRVDT	10	1900-01-01	Revoke Date	
AAUSRSDT	10	1900-01-01	Resume Date	
AAUSLGMO	1	Y/N	Logon - Monday?	@LM
AAUSLGTU	1	Y/N	Logon - Tuesday?	@LT
AAUSLGWE	1	Y/N	Logon - Wednesday	@LW
AAUSLGTH	1	Y/N	Logon - Thursday	@LH
AAUSLGFR	1	Y/N	Logon - Friday	@LF
AAUSLGSA	1	Y/N	Logon - Saturday	@LS
AAUSLGSU	1	Y/N	Logon - Sunday	@LU
AAUSLGST	4	HHMM	Logon - Start Time	@LGS

AAUSLGET	4	HHMM	Logon - End Time	@LGE
AAUSINDT	255	Char	Installation Data	AAUSINDT1 (51 CHARS) AAUSINDT2 (51 CHARS) AAUSINDT3 (51 CHARS) AAUSINDT4 (51 CHARS) AAUSINDT5 (51 CHARS)
AAUSSLVN	3	Numeric	Security Level (numeric value)	@SL
AAUSSCLV	39	Char	Character value of Security Level	
AAUSLACT	3	Numeric	Number of Unsuccessful logon attempts	@LA
AAUSPWDG	3	Numeric	Current Password Generation number	@PG
AAUSNOPW	1	Y/N	Logon without a Password	@NO
AAUSSCLB	8	Char	Default Security Label	
AAUSHTSO	1	Y/N	Does user have TSO Segment?	@TS
AAUSHCCS	1	Y/N	Does user have CICS Segment?	@CS
AAUSHDFP	1	Y/N	Does user have DFP Segment?	@DF
AAUSHOPR	1	Y/N	Does user have OPERPARM Segment?	@OE
AAUSHDCE	1	Y/N	Does user have DCE Segment?	@DC
AAUSHNTV	1	Y/N	Does user have NETVIEW Segment?	@NE
AAUSHOMV	1	Y/N	Does user have OMVS Segment?	@OM
AAUSHLAN	1	Y/N	Does user have LANGUAGE Segment?	@LN
AAUSHWRK	1	Y/N	Does user have WORKATTR Segment?	@WK
AAUSHRRF	1	Y/N	Does user have RRSF associations?	@RR
AAUSHSCC	1	Y/N	Does user have security categories?	@SC
AAUSHCLT	1	Y/N	Does user have clauth authorities?	@CL

AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE05 Table

Information:Userid - TSO Segment

Main Feed:0220

Field Name	Length	Content	Description	Adhoc Substitution Mask
AATSUSER	8	Char	Userid	
AATSNAME	20	Char	Name	
AATSPROC	8	Char	Logon Procedure	
AATSUNIT	8	Char	Unit	
AATSUSDT	4	Char	UserData	@USD
AATSSIZE	7	Numeric	Size	@TSSIZE
AATSMSZE	7	Numeric	Max Size	@TSMSZE
AATSHCLS	1	Char	Hold Class	@H
AATSJCLS	1	Char	Job Class	@J
AATSMCLS	1	Char	Message Class	@M
AATSSCLS	1	Char	Sysout Class	@S
AATSDEST	8	Char	Destination	
AATSACCT	40	Char	Account	
AATSLCMD	80	Char	Command issued at LOGON	
AATSPRFG	10	Numeric	Performance group associated with the user	
AATSSCLB	8	Char	Default logon security label	
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE07 Table

Information:Userid - CICS Segment

Main Feed:0230, 231

Field Name	Length	Content	Description	Adhoc Substitution Mask
AACIUSER	8	Char	Userid	
AACINAME	20	Char	Name	
AACIOP01	1	Y/N	CICS OPCLASS - 01	@01
AACIOP02	1	Y/N	CICS OPCLASS - 02	@02
AACIOP03	1	Y/N	CICS OPCLASS - 03	@03
AACIOP04	1	Y/N	CICS OPCLASS - 04	@04
AACIOP05	1	Y/N	CICS OPCLASS - 05	@05
AACIOP06	1	Y/N	CICS OPCLASS - 06	@06
AACIOP07	1	Y/N	CICS OPCLASS - 07	@07
AACIOP08	1	Y/N	CICS OPCLASS - 08	@08
AACIOP09	1	Y/N	CICS OPCLASS - 09	@09
AACIOP10	1	Y/N	CICS OPCLASS - 10	@10
AACIOP11	1	Y/N	CICS OPCLASS - 11	@11
AACIOP12	1	Y/N	CICS OPCLASS - 12	@12
AACIOP13	1	Y/N	CICS OPCLASS - 13	@13
AACIOP14	1	Y/N	CICS OPCLASS - 14	@14
AACIOP15	1	Y/N	CICS OPCLASS - 15	@15
AACIOP16	1	Y/N	CICS OPCLASS - 16	@16
AACIOP17	1	Y/N	CICS OPCLASS - 17	@17
AACIOP18	1	Y/N	CICS OPCLASS - 18	@18
AACIOP19	1	Y/N	CICS OPCLASS - 19	@19
AACIOP20	1	Y/N	CICS OPCLASS - 20	@20
AACIOP21	1	Y/N	CICS OPCLASS - 21	@21
AACIOP22	1	Y/N	CICS OPCLASS - 22	@22
AACIOP23	1	Y/N	CICS OPCLASS - 23	@23
AACIOP24	1	Y/N	CICS OPCLASS - 24	@24
AACIOPRT	5	Numeric	Operator priority	@OPRT
AACITIME	5	HH:MM	Terminal time-out value	@TIME
AACIOPID	3	Char	Operator identifier	@OI
AACIFRCE	1	Y/N	Is the extended recovery facility (XRF) NOFORCE option in effect?	@FR
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE08 Table

Information:Userid - DFP Segment

Main Feed:0210

Field Name	Length	Content	Description	Adhoc Substitution Mask
AADFUSER	8	Char	Userid	
AADFNAME	20	Char	Name	
AADFDCLS	8	Char	Data Class	
AADFMCLS	8	Char	Management Class	
AADFSCLS	8	Char	Storage Class	
AADFDAPL	8	Char	Data Application	
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE09 Table

Information:Userid - Language Segment

Main Feed:0240

Field Name	Length	Content	Description	Adhoc Substitution Mask
AALNUSER	8	Char	Userid	
AALNNAME	20	Char	Name	
AALNPRIM	3	Char	Primary Language	@PR
AALNSECD	3	Char	Secondary Language	@SC
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE10 Table

Information:Userid - OPERPARM Segment

Main Feed:0250

Field Name	Length	Content	Description	Adhoc Substitution Mask
AAOPUSER	8	Char	Userid	
AAOPNAME	20	Char	Userid name	
AAOPAUMS	1	Y/N	Console authority = MASTER?	@AM
AAOPAUAL	1	Y/N	Console authority = ALL?	@AL
AAOPAUIN	1	Y/N	Console authority = INFO?	@AN
AAOPAUCO	1	Y/N	Console authority = CONS?	@AO
AAOPAUIO	1	Y/N	Console authority = I/O?	@AI
AAOPAUSY	1	Y/N	Console authority = SYSAUTH?	@AY
AAOPAUCM	8	Char	CMDSYS - The name of the system that the extended operator is connected to for command processing.	
AAOPDOM	6	Char	Delete operator messages NORMAL ALL NONE	@OPDOM
AAOPKEY	8	Char	KEY - Retrieval key used for searching (a null value is indicated by NONE)	
AAOPLVNB	1	Y/N	LEVEL = NB - Broadcast messages to this console are suppressed	@LB
AAOPLVAL	1	Y/N	LEVEL = ALL - Console receives all messages	@LL
AAOPLVR	1	Y/N	LEVEL = R - Console receives WTOR messages	@LR
AAOPLVI	1	Y/N	LEVEL = I - Console receives immediate messages	@LI
AAOPLVCE	1	Y/N	LEVEL = CE - Console receives critical event messages	@LC
AAOPLVE	1	Y/N	LEVEL = E - Console receives eventual event messages	@LE

AAOPLVIN	1	Y/N	LEVEL = IN - Console receives informational messages	@LV
AAOPLGCM	6	Char	LOGCMDRESP - Logging option of command responses received by the extended console SYSTEM NO	OPLGCM
AAOPMFMJ	1	Y/N	MFORM = J - Console messages contain a job ID	@MJ
AAOPMFMM	1	Y/N	MFORM = M - Console messages contain a message ID	@MM
AAOPMFMS	1	Y/N	MFORM = S - Console messages contain a system ID	@MS
AAOPMFMT	1	Y/N	MFORM = T - Console messages contain a timestamp	@MT
AAOPMFMX	1	Y/N	MFORM = X - Job name and system are to be suppressed for messages issued from the JES3 global processor	@MX
AAOPMGID	1	Y/N	MIGID = YES - Extended operator will receive a migration ID	@MG
AAOPMOJB	1	Y/N	MONITOR = JOBNAMES - Jobnames are monitored	@MB
AAOPMOJS	1	Y/N	MONITOR = JOBNAMEST - Jobnames are monitored with timestamps displayed	@MO
AAOPMOSE	1	Y/N	MONITOR = SESS - Userids are displayed with each TSO initiation and termination	@ME
AAOPMOST	1	Y/N	MONITOR = SESST - Userids and timestamps are displayed with each TSO initiation and termination	@MP
AAOPMOSS	1	Y/N	MONITOR = STATUS - Dataset names and dispositions are displayed with each dataset that is freed	@SS

AAOPRTCA	1	Y/N	ROUTCODE = ALL - Console is enabled for all route codes	@CA
AAOPRTCN	1	Y/N	ROUTCODE = NONE - Console is not enabled for any route codes	@CN
AAOPR001	1	Y/N	ROUTE CODE 001 Enabled	@001
AAOPR002	1	Y/N	ROUTE CODE 002 Enabled	@002
AAOPR003	1	Y/N	ROUTE CODE 003 Enabled	@003
AAOPR004	1	Y/N	ROUTE CODE 004 Enabled	@004
AAOPR005	1	Y/N	ROUTE CODE 005 Enabled	@005
AAOPR006	1	Y/N	ROUTE CODE 006 Enabled	@006
AAOPR007	1	Y/N	ROUTE CODE 007 Enabled	@007
AAOPR008	1	Y/N	ROUTE CODE 008 Enabled	@008
AAOPR009	1	Y/N	ROUTE CODE 009 Enabled	@009
AAOPR010	1	Y/N	ROUTE CODE 010 Enabled	@010
AAOPR001	1	Y/N	ROUTE CODE 011 Enabled	@011
AAOPR012	1	Y/N	ROUTE CODE 012 Enabled	@012
AAOPR013	1	Y/N	ROUTE CODE 013 Enabled	@013
AAOPR014	1	Y/N	ROUTE CODE 014 Enabled	@014
AAOPR015	1	Y/N	ROUTE CODE 015 Enabled	@015
AAOPR016	1	Y/N	ROUTE CODE 016 Enabled	@016
AAOPR017	1	Y/N	ROUTE CODE 017 Enabled	@017
AAOPR018	1	Y/N	ROUTE CODE 018 Enabled	@018
AAOPR019	1	Y/N	ROUTE CODE 019 Enabled	@019
AAOPR020	1	Y/N	ROUTE CODE 020 Enabled	@020
AAOPR021	1	Y/N	ROUTE CODE 021 Enabled	@021
AAOPR022	1	Y/N	ROUTE CODE 022 Enabled	@022
AAOPR023	1	Y/N	ROUTE CODE 023 Enabled	@023
AAOPR024	1	Y/N	ROUTE CODE 024 Enabled	@024
AAOPR025	1	Y/N	ROUTE CODE 025 Enabled	@025
AAOPR026	1	Y/N	ROUTE CODE 026 Enabled	@026
AAOPR027	1	Y/N	ROUTE CODE 027 Enabled	@027
AAOPR028	1	Y/N	ROUTE CODE 028 Enabled	@028
AAOPR029	1	Y/N	ROUTE CODE 029 Enabled	@029
AAOPR030	1	Y/N	ROUTE CODE 030 Enabled	@030
AAOPR031	1	Y/N	ROUTE CODE 031 Enabled	@031
AAOPR032	1	Y/N	ROUTE CODE 032 Enabled	@032
AAOPR033	1	Y/N	ROUTE CODE 033 Enabled	@033
AAOPR034	1	Y/N	ROUTE CODE 034 Enabled	@034
AAOPR035	1	Y/N	ROUTE CODE 035 Enabled	@035

AAOPR036	1	Y/N	ROUTE CODE 036 Enabled	@036
AAOPR037	1	Y/N	ROUTE CODE 037 Enabled	@037
AAOPR038	1	Y/N	ROUTE CODE 038 Enabled	@038
AAOPR039	1	Y/N	ROUTE CODE 039 Enabled	@039
AAOPR040	1	Y/N	ROUTE CODE 040 Enabled	@040
AAOPR041	1	Y/N	ROUTE CODE 041 Enabled	@041
AAOPR042	1	Y/N	ROUTE CODE 042 Enabled	@042
AAOPR043	1	Y/N	ROUTE CODE 043 Enabled	@043
AAOPR044	1	Y/N	ROUTE CODE 044 Enabled	@044
AAOPR045	1	Y/N	ROUTE CODE 045 Enabled	@045
AAOPR046	1	Y/N	ROUTE CODE 046 Enabled	@046
AAOPR047	1	Y/N	ROUTE CODE 047 Enabled	@047
AAOPR048	1	Y/N	ROUTE CODE 048 Enabled	@048
AAOPR049	1	Y/N	ROUTE CODE 049 Enabled	@049
AAOPR050	1	Y/N	ROUTE CODE 050 Enabled	@050
AAOPR051	1	Y/N	ROUTE CODE 051 Enabled	@051
AAOPR052	1	Y/N	ROUTE CODE 052 Enabled	@052
AAOPR053	1	Y/N	ROUTE CODE 053 Enabled	@053
AAOPR054	1	Y/N	ROUTE CODE 054 Enabled	@054
AAOPR055	1	Y/N	ROUTE CODE 055 Enabled	@055
AAOPR056	1	Y/N	ROUTE CODE 056 Enabled	@056
AAOPR057	1	Y/N	ROUTE CODE 057 Enabled	@057
AAOPR058	1	Y/N	ROUTE CODE 058 Enabled	@058
AAOPR059	1	Y/N	ROUTE CODE 059 Enabled	@059
AAOPR060	1	Y/N	ROUTE CODE 060 Enabled	@060
AAOPR061	1	Y/N	ROUTE CODE 061 Enabled	@061
AAOPR062	1	Y/N	ROUTE CODE 062 Enabled	@062
AAOPR063	1	Y/N	ROUTE CODE 063 Enabled	@063
AAOPR064	1	Y/N	ROUTE CODE 064 Enabled	@064
AAOPR065	1	Y/N	ROUTE CODE 065 Enabled	@065
AAOPR066	1	Y/N	ROUTE CODE 066 Enabled	@066
AAOPR067	1	Y/N	ROUTE CODE 067 Enabled	@067
AAOPR068	1	Y/N	ROUTE CODE 068 Enabled	@068
AAOPR069	1	Y/N	ROUTE CODE 069 Enabled	@069
AAOPR070	1	Y/N	ROUTE CODE 070 Enabled	@070
AAOPR071	1	Y/N	ROUTE CODE 071 Enabled	@071
AAOPR072	1	Y/N	ROUTE CODE 072 Enabled	@072
AAOPR073	1	Y/N	ROUTE CODE 073 Enabled	@073
AAOPR074	1	Y/N	ROUTE CODE 074 Enabled	@074
AAOPR075	1	Y/N	ROUTE CODE 075 Enabled	@075

AAOPR076	1	Y/N	ROUTE CODE 076 Enabled	@076
AAOPR077	1	Y/N	ROUTE CODE 077 Enabled	@077
AAOPR078	1	Y/N	ROUTE CODE 078 Enabled	@078
AAOPR079	1	Y/N	ROUTE CODE 079 Enabled	@079
AAOPR080	1	Y/N	ROUTE CODE 080 Enabled	@080
AAOPR081	1	Y/N	ROUTE CODE 081 Enabled	@081
AAOPR082	1	Y/N	ROUTE CODE 082 Enabled	@082
AAOPR083	1	Y/N	ROUTE CODE 083 Enabled	@083
AAOPR084	1	Y/N	ROUTE CODE 084 Enabled	@084
AAOPR085	1	Y/N	ROUTE CODE 085 Enabled	@085
AAOPR086	1	Y/N	ROUTE CODE 086 Enabled	@086
AAOPR087	1	Y/N	ROUTE CODE 087 Enabled	@087
AAOPR088	1	Y/N	ROUTE CODE 088 Enabled	N/A**
AAOPR089	1	Y/N	ROUTE CODE 089 Enabled	N/A**
AAOPR090	1	Y/N	ROUTE CODE 090 Enabled	N/A**
AAOPR091	1	Y/N	ROUTE CODE 091 Enabled	N/A**
AAOPR092	1	Y/N	ROUTE CODE 092 Enabled	N/A**
AAOPR093	1	Y/N	ROUTE CODE 093 Enabled	N/A**
AAOPR094	1	Y/N	ROUTE CODE 094 Enabled	N/A**
AAOPR095	1	Y/N	ROUTE CODE 095 Enabled	N/A**
AAOPR096	1	Y/N	ROUTE CODE 096 Enabled	N/A**
AAOPR097	1	Y/N	ROUTE CODE 097 Enabled	N/A**
AAOPR098	1	Y/N	ROUTE CODE 098 Enabled	N/A**
AAOPR099	1	Y/N	ROUTE CODE 099 Enabled	N/A**
AAOPR100	1	Y/N	ROUTE CODE 100 Enabled	N/A**
AAOPR101	1	Y/N	ROUTE CODE 101 Enabled	N/A**
AAOPR102	1	Y/N	ROUTE CODE 102 Enabled	N/A**
AAOPR103	1	Y/N	ROUTE CODE 103 Enabled	N/A**
AAOPR104	1	Y/N	ROUTE CODE 104 Enabled	N/A**
AAOPR105	1	Y/N	ROUTE CODE 105 Enabled	N/A**
AAOPR106	1	Y/N	ROUTE CODE 106 Enabled	N/A**
AAOPR107	1	Y/N	ROUTE CODE 107 Enabled	N/A**
AAOPR108	1	Y/N	ROUTE CODE 108 Enabled	N/A**
AAOPR109	1	Y/N	ROUTE CODE 109 Enabled	N/A**
AAOPR110	1	Y/N	ROUTE CODE 110 Enabled	N/A**
AAOPR111	1	Y/N	ROUTE CODE 111 Enabled	N/A**
AAOPR112	1	Y/N	ROUTE CODE 112 Enabled	N/A**
AAOPR113	1	Y/N	ROUTE CODE 113 Enabled	N/A**
AAOPR114	1	Y/N	ROUTE CODE 114 Enabled	N/A**
AAOPR115	1	Y/N	ROUTE CODE 115 Enabled	N/A**

AAOPR116	1	Y/N	ROUTE CODE 116 Enabled	N/A**
AAOPR117	1	Y/N	ROUTE CODE 117 Enabled	N/A**
AAOPR118	1	Y/N	ROUTE CODE 118 Enabled	N/A**
AAOPR119	1	Y/N	ROUTE CODE 119 Enabled	N/A**
AAOPR120	1	Y/N	ROUTE CODE 120 Enabled	N/A**
AAOPR121	1	Y/N	ROUTE CODE 121 Enabled	N/A**
AAOPR122	1	Y/N	ROUTE CODE 122 Enabled	N/A**
AAOPR123	1	Y/N	ROUTE CODE 123 Enabled	N/A**
AAOPR124	1	Y/N	ROUTE CODE 124 Enabled	N/A**
AAOPR125	1	Y/N	ROUTE CODE 125 Enabled	N/A**
AAOPR126	1	Y/N	ROUTE CODE 126 Enabled	N/A**
AAOPR127	1	Y/N	ROUTE CODE 127 Enabled	N/A**
AAOPR128	1	Y/N	ROUTE CODE 128 Enabled	N/A**
AAOPSTOR	5	Numeric	STORAGE - Number of megabytes of storage that can be used for message queuing	@STOR
AAOPUD	1	Y/N	UD - Operator is to receive undeliverable messages	@UD
AAOPALTG	8	Char	Default group associated with this operator	
AAOPAUTO	1	Y/N	Operator is to receive messages automated within the sysplex	@AU
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

** Due to ISPF limitations, these fields are not supported.

AATBLE06 Table

Information:Userid - OPERPARM Mscopes

Main Feed:0251

** Not Available for Adhoc Reporting

Field Name	Length	Content	Description
AAOPMSCU	8	Char	Userid
AAOPMSCN	20	Char	Userid name
AAOPMSCS	8	Char	Mscope entry (system name)
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).

AATBLE29 Table

Information:Userid - WORKATTR Segment

Main Feed:0260

Field Name	Length	Content	Description	Adhoc Substitution Mask
AAWKUSER	8	Char	Userid	
AAWKUNME	20	Char	Userid name	
AAWKROOM	60	Char	Room for delivery	
AAWKDEPT	60	Char	Department for delivery	
AAWKBLDG	60	Char	Building for delivery	
AAWKNAME	60	Char	Area for delivery	
AAWKADR1	60	Char	Address line 1	
AAWKADR2	60	Char	Address line 2	
AAWKADR3	60	Char	Address line 3	
AAWKADR4	60	Char	Address line 4	
AAWKACNT	255	Char	Account number	AAWKACNT1 (51 chars) AAWKACNT2 (51 chars) AAWKACNT3 (51 chars) AAWKACNT4 (51 chars) AAWKACNT5 (51 chars)
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE11 Table

Information:Userid - OMVS Segment

Main Feed:0270

Field Name	Length	Content	Description	Adhoc Substitution Mask
AAOMUUSR	8	Char	Userid	
AAOMUNME	20	Char	Userid name	
AAOMUUID	10	Char	OMVS UID	
AAOMUHML	1023	Char**	OMVS Home Path associated with the UID	AAOMUHML01 through AAOMUHML31 (33 chars)
AAOMUDFL	1023	Char**	OMVS Default Program associated with the UID	AAOMUDFL01 through AAOMUDFL31 (33 chars)
AAOMUHMS	40	Char**	First 40 characters of the Home Path (for display)	
AAOMUDFS	40	Char**	First 40 characters of the Default Program (for display)	
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

** Characters are in upper and lower case

** Characters can contain alphanumeric, national and blank characters

AATBLE30 Table

Information:Userid - NETVIEW Segment

Main Feed:0280

Field Name	Length	Content	Description	Adhoc Substitution Mask
AANVUSER	8	Char	Userid	
AANVNAME	20	Char	Userid name	
AANVCTL	8	Char	CTL Value - GENERAL GLOBAL SPECIFIC	
AANVMSGR	1	Y/N	Eligible to receive unsolicited messages	@MS
AANVCNNM	8	Char	Default Console Name	
AANVNGMF	1	Y/N	Authorized to Netview graphic Monitoring Facility	@MF
AANVIC	255	Char	Command list executed at logon	AANVIC1 (51 chars) AANVIC2 (51 chars) AANVIC3 (51 chars) AANVIC4 (51 chars) AANVIC5 (51 chars)
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE31 Table

Information:Userid - NETVIEW (opclasses) Segment

Main Feed:0281

** Not Available for Adhoc Reporting

Field Name	Length	Content	Description
AANVOUSR	8	Char	Userid
AANVONME	20	Char	Userid name
AANVOOPC	4	Numeric	OPCLASS value from 1 to 2040
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).

AATBLE32 Table

Information:Userid - NETVIEW (Domains) Segment

Main Feed:0282

** Not Available for Adhoc Reporting

Field Name	Length	Content	Description
AANVDUSR	8	Char	Userid
AANVDNME	20	Char	Userid name
AANVDOMN	5	Char	Domain
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).

AATBLE33 Table

Information: Userid - DCE Segment

Main Feed:0290

Field Name	Length	Content	Description	Adhoc Substitution Mask
AADCUSER	8	Char	Userid	
AADCNAME	20	Char	Userid name	
AADCUUID	36	Char	User Principal Universal Unique Identifier (UUID)	
AADCPRNM	1023	Char**	DCE User Principal Name associated with the MVS id	AADCPRNM01 through AADCPRNM31 (33 chars)
AADCPRNS	40	Char**	First 40 characters of the principal name (for display)	
AADCHCNM	1023	Char**	DCE Cell Name (Home)	AADCHCNM01 through AADCHCNM31 (33 chars)
AADCHCNS	40	Char**	First 40 characters of the DCE Cell Name (for display)	
AADCHCUD	36	Char	DCE Cell UUID (Home)	
AADCAUTL	1	Y/N	DCE Automatic Login	@AU
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

** Characters are in upper and lower case

** Characters can contain alphanumeric, national and blank characters

AATBLE03 TableA

Information:Userid - Security Categories

Main Feed:0201

Field Name	Length	Content	Description	Adhoc Substitution Mask
AAUSSCUS	8	Char	Userid	
AAUSSCNA	20	Char	Userid name	
AAUSSCSC	5	Numeric	Security category (numeric value)	@SCSC
AAUSSCSN	39	Char	Security category	
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE04 Table

Information:Userid - Clauth Authority

Main Feed:0202

Field Name	Length	Content	Description	Adhoc Substitution Mask
AACLUSER	8	Char	Userid	
AACLNAME	20	Char	Userid name	
AACLCLAS	8	Char	Class	
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE34 Table

Information:Userid - RRSF Information

Main Feed:0206

Field Name	Length	Content	Description	Adhoc Substitution Mask
AARRUSER	8	Char	Userid	
AARRUNME	20	Char	Userid name	
AARRNODE	8	Char	Target node name	
AARRTUSR	8	Char	Target userid	
AARRVERS	3	Numeric	Version of this record	@VE
AARRPEER	1	Y/N	Is this a peer userid?	@PE
AARRMNGR	1	Y/N	Is the userid the manager?	@MN
AARRBMGR	1	Y/N	Is the remote userid the manager?	@BM
AARRRPND	1	Y/N	Is this remote RACF association pending?	@RP
AARRLPND	1	Y/N	Is this local RACF association pending?	@LP
AARRPSYN	1	Y/N	Is there password synchronization with this userid?	@PS
AARRRERR	1	Y/N	Was a system error encountered on the remote system?	@RE
AARRGTD1	10	1900-01-01	GMT date stamp for when this record was defined	
AARRGTT1	15	HH:MM:SS.TTHHTT	GMT time stamp for when this record was defined (i.e,11:34.880989).	
AARRGTD2	10	1900-01-01	GMT date stamp when this association was approved or refused. Based on the REMOTE_REFUSAL bit setting.	
AARRGTT2	15	HH:MM:SS.TTHHTT	GMT time stamp when this association was approved or refused (i.e,11:34.880989). Based on the REMOTE_REFUSAL bit setting.	
AARRCRID	8	Char	Userid who created this entry.	

AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE12 Table

Information:Connect Profiles

Main Feed:0205, 0102(auth)

Field Name	Length	Content	Description	Adhoc Substitution Mask
AACTUSER	8	Char	Userid	
AACTNAME	20	Char	Name	
AACTGRP	8	Char	Connect group	
AACTOWNR	8	Char	Connect owner	
AACTUACC	7	Char	Connect UACC NONE READ UPDATE CONTROL ALTER	@CTUACC
AACTUCCN	1	Numeric	Connect UACC (numeric value) 0=NONE 2=READ 3=UPDATE 4=CONTROL 5=ALTER	N/A
AACTAUTH	7	Char	Connect authority	@CTAUTH

AACTATHN	1	Numeric	Connect authority (numeric value) 0=NONE 1=USE 2=CREATE 3=CONNECT 4=JOIN	N/A
AACTSPEC	1	Y/N	Group Special?	@SP
AACTOPER	1	Y/N	Group Operations?	@OP
AACTAUDI	1	Y/N	Group Auditor?	@AU
AACTGRPA	1	Y/N	Group GRPACC?	@GR
AACTADSP	1	Y/N	Group ADSP?	@AD
AACTREVO	1	Y/N	Group Revoke?	@RV
AACTRVDT	10	1900-01-01	Group Revoke date	
AACTRSDT	10	1900-01-01	Group Resume date	
AACTLCTM	8	HH:MM:SS	Last connect time	
AACTLCDT	10	1900-01-01	Last connect date	
AACTRACI	5	Numeric	Number of RACINITs issued for this user/group combination	@RACI
AACTNOTR	1	Y/N	Does this user have the NOTERMUACC attribute in this group?	@NT
AACTCTDT	10	1900-01-01	Connection date	
AACTDFLT	1	Y/N	Default Group Connect	@DF
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

Group Profile Related Tables

This section describes SSA ISPF tables that provide RACF group profile information.

AATBLE13 Table

Information:General Group Information

Main Feed:0100

Field Name	Length	Content	Description	Adhoc Substitution Mask
AAGROUP	8	Char	Group	
AAGPSUPR	8	Char	Superior Group	
AAGPOWNR	8	Char	Profile Owner	
AAGPMDDS	44	Char	Model Dataset	
AAGPTERM	1	Y/N	TERMUACC?	@TU
AAGPUSER	1	Y/N	Does the group have users connected?	@US
AAGPSUBG	1	Y/N	Does the group have subgroups?	@SG
AAGPCRDT	10	1900-01-01	Creation Date	
AAGPUACC	7	Char	Default universal access NONE EXECUTE READ UPDATE CONTROL ALTER	@GPUACC
AAGPUCCN	1	Numeric	Default universal access (Numeric value) 0=NONE 1=EXECUTE 2=READ 3=UPDATE 4=CONTROL 5=ALTER	N/A
AAGPINDT	255	Char	Installation Data	AAGPINDT1 (51 chars) AAGPINDT2 (51 chars) AAGPINDT3 (51 chars) AAGPINDT4 (51 chars) AAGPINDT5 (51 chars)

AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE15 Table

Information:Group - DFP Segment

Main Feed:0110

Field Name	Length	Content	Description	Adhoc Substitution Mask
AADFGROP	8	Char	Group	
AADFGMCL	8	Char	Management Class	
AADFGSCL	8	Char	Storage Class	
AADFGDCL	8	Char	Data Class	
AADFGDAP	8	Char	Data Application	
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE02 Table

Information:Group - OMVS Data

Main Feed:0120

Field Name	Length	Content	Description	Adhoc Substitution Mask
AAOMGGRP	8	Char	Group	
AAOMGGID	10	Char	Group OMVS GID	
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

Dataset Profile Related Tables

This section describes SSA ISPF tables that provide dataset profile information.

AATBLE17 Table

Information:General Dataset Profile Information

Main Feed:0400

Field Name	Length	Content	Description	Adhoc Substitution Mask
AADSPROF	44	Char	Dataset Profile	

AADSTYPE	1	G/D/M/T	Profile Type
			G = Generic
			D = Discrete
			M = Model
			T = Tape
				AADSTYPE (types are spelled out in substitution)

AADSVOLM	6	Char	Volume	@VOLM
AADSOWNR	8	Char	Profile Owner	
AADSHLQ	8	Char	High Level Qualifier	
AADSUACC	7	Char	UACC (universal access) NONE EXECUTE READ UPDATE CONTROL ALTER	@DSUACC
AADSUCCN	1	Numeric	UACC (numeric value) 0=NONE 1=EXECUTE 2=READ 3=UPDATE 4=CONTROL 5=ALTER	N/A
AADSWARN	1	Y/N	Is warning active?	@WN
AADSNTFY	8	Char	Notify id	
AADSRESO	8	Char	DFP Resowner	
AADSLEVL	2	Numeric	Profile Level	N/A
AADSERSE	1	Y/N	For DASD data set, is this dataset to be scratched when delete?	@ER
AADSCRDT	10	1900-01-01	Creation Date	
AADSLRFD	10	1900-01-01	Last Referenced Date	

AADSLCHD	10	1900-01-01	Last Changed Date	
AADSALCN	5	Numeric	Alter Count	@ALCN
AADSCOCN	5	Numeric	Control Count	@COCN
AADSUPCN	5	Numeric	Update Count	@UPCN
AADSRECN	5	Numeric	Read Count	@RECN
AADSGPDS	1	Y/N	Is this a group data set?	@GD
AADSDVCE	8	Char	EBCDIC name of the device type on which the dataset resides	
AADSINDT	255	Char	Installation Data	AADSINDT1 (51 chars) AADSINDT2 (51 chars) AADSINDT3 (51 chars) AADSINDT4 (51 chars) AADSINDT5 (51 chars)
AADSGPID	8	Char	Connect group of creator of dataset profile	
AADSADLV	7	Char	Local audit level of auditor-specified auditing that is performed ALL SUCCESS FAIL NONE	@DSADLV
AADSGALV	7	Char	Global audit level of auditor-specified auditing that is performed ALL SUCCESS FAIL NONE	@DSGALV
AADSAOKL	7	Char	Audit OK Level NONE READ UPDATE CONTROL ALTER	@DSAOKL
AADSAFAL	7	Char	Audit Failure Level NONE READ UPDATE CONTROL ALTER	@DSAFAL

AADSGOKL	7	Char	Global Audit OK Level NONE READ UPDATE CONTROL ALTER	@DSGOKL
AADSGFAL	7	Char	Global Audit Failure Level NONE READ UPDATE CONTROL ALTER	@DSGFAL
AADSSECL	3	Numeric	Security Level	@SL
AADSSCLN	39	Char	Name of Security Level	
AADSRETN	5	Numeric	Retention period of the dataset	@RETN
AADSSCLB	8	Char	Security Label	
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE20 Table

Information:Dataset Profile Permissions

Main Feed:0402 (cnd), 0404 (std)

Field Name	Length	Content	Description	Adhoc Substitution Mask
AADPRSCE	44	Char	Dataset Profile	

AADPRTYP	1	G/D/M/T	Profile Type
			G = Generic
			D = Discrete
			M = Model
			T = Tape
				AADPRTYP (types are spelled out in substitution)

AADPRVOL	6	Char	Volume	@VOLM
AADPACID	8	Char	Access Entry	
AADPACET	8	Char	Access Entry Type USER GROUP GENERAL OBSOLETE	
AADPACNA	20	Char	If access entry type is USER, this field will contain the user name	
AADPACLV	7	Char	Access Level NONE EXECUTE READ UPDATE CONTROL ALTER	@DPACLV
AADPACLN	1	Numeric	Access Level (numeric value) 0=NONE 1=EXECUTE 2=READ 3=UPDATE 4=CONTROL 5=ALTER	N/A
AADPACCN	5	Numeric	Access Count	@ACCN

AADPACTY	3	Char	Permit Type
			STD=Standard
			CND=Conditional
				@TY

AADPACCE	8	Char	Conditional Entry	
AADPACCC	8	Char	Conditional Class (i.e., PROGRAM)	

AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE27 Table

Information:Dataset Profile Security Categories

Main Feed:0401

Field Name	Length	Content	Description	Adhoc Substitution Mask
AAD1PROF	44	Char	Dataset Profile	

AAD1TYPE	1	G/D/M	Profile Type
			G = Generic
			D = Discrete
			M = Model
				AAD1TYPE (types are spelled out in substitution)

AAD1VOLM	6	Char	Volume	@VOLM
AAD1SCTN	5	Numeric	Security Category (numeric value)	@SCTN
AAD1SCAT	39	Char	Security Category (name)	
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

General Resource Profile Related Tables

This section describes SSA ISPF tables that provide general resource profile information.

AATBLE22 Table

Information:General Resource Profile Information

Main Feed:0500

Field Name	Length	Content	Description	Adhoc Substitution Mask
AARSPROF	44	Char	Resource Profile (Short/Display name)	

AARSTYPE	1	G/D	Profile Type
			G = Generic
			D = Discrete
				AARSTYPE (types are spelled out in substitution)

AARSPRFL	246	Char	Resource Profile (Long name)	AARSPRFL1 (51 chars) AARSPRFL2 (51 chars) AARSPRFL3 (51 chars) AARSPRFL4 (51 chars) AARSPRFL5 (42 chars)
AARSPFLN	3	Numeric	Length of resource profile	@LN
AARSCLAS	8	Char	Resource Class	
AARSOWNR	8	Char	Profile Owner	
AARSUACC	7	Char	UACC (universal access) NONE EXECUTE READ UPDATE CONTROL ALTER	@RSUACC
AARSUCCN	1	Numeric	UACC (numeric value) 0=NONE 1=EXECUTE 2=READ 3=UPDATE 4=CONTROL 5=ALTER	N/A
AARSWARN	1	Y/N	Warning?	@WN
AARSSNGL	1	Y/N	If this is a TAPEVOL profile, is there only one data set on this tape?	@SN
AARSTPAU	1	Y/N	If this is a TAPEVOL profile, is the TAPEVOL protection automatic?	@TP

AARSTVTC	1	Y/N	If this is a TAPEVOL profile, is there a tape volume table of contents on this tape?	@TV
AARSNTFY	8	Char	Notify Userid	
AARSTSUN	1	Y/N	Can the terminal be used on Sunday?	@SU
AARSTMON	1	Y/N	Can the terminal be used on Monday?	@MO
AARSTTUE	1	Y/N	Can the terminal be used on Tuesday?	@TU
AARSTWED	1	Y/N	Can the terminal be used on Wednesday?	@WE
AARSTTHU	1	Y/N	Can the terminal be used on Thursday?	@TH
AARSTFRI	1	Y/N	Can the terminal be used on Friday?	@FR
AARSTSAT	1	Y/N	Can the terminal be used on Saturday?	@SA
AARSTSTT	8	HH:MM:SS	After what time may a user logon from this terminal? (Start Time)	
AARSTENT	8	HH:MM:SS	After what time may a user not logon from this terminal? (End Time)	
AARSZOFF	5	HH:MM	Time zone in which the terminal is located.	@ZOFF

AARSZDIR	1	Char	The direction of the time zone shift
			E=East
			W=West
				@ZD

AARSLEVL	3	Numeric	Resource Level	@LV
AARSCRDT	10	1900-01-01	Create Date	
AARSLRFD	10	1900-01-01	Last Referenced Date	
AARSLCHD	10	1900-01-01	Last Changed Date	
AARSALCN	5	Numeric	Alter Count	@ALCN
AARSCOCN	5	Numeric	Control Count	@COCN
AARSUPCN	5	Numeric	Update Count	@UPCN
AARSRECN	5	Numeric	Read Count	@RECN

AARSINDT	255	Char	Installation Data	AARSINDT1 (51 chars) AARSINDT2 (51 chars) AARSINDT3 (51 chars) AARSINDT4 (51 chars) AARSINDT5 (51 chars)
AARSADLV	7	Char	Local audit level of auditor-specified auditing that is performed ALL SUCCESS FAIL NONE	@RSADLV
AARSGALV	7	Char	Global audit level of auditor-specified auditing that is performed ALL SUCCESS FAIL NONE	@RSGALV
AARSAOKL	7	Char	Audit OK Level NONE READ UPDATE CONTROL ALTER	@RSAOKL
AARSAFAL	7	Char	Audit Failure Level NONE READ UPDATE CONTROL ALTER	@RSAFAL
AARSGOKL	7	Char	Global Audit OK Level NONE READ UPDATE CONTROL ALTER	@RSGOKL
AARSGFAL	7	Char	Global Audit Failure Level NONE READ UPDATE CONTROL ALTER	@RSGFAL
AARSSECL	3	Numeric	Security Level	@SL
AARSSCLN	39	Chars	Name of Security Level	

AARSAPDT	255	Char	Application data	AARSAPDT1 (51 chars) AARSAPDT2 (51 chars) AARSAPDT3 (51 chars) AARSAPDT4 (51 chars) AARSAPDT5 (51 chars)
AARSSCLB	8	Char	Security Label	
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE26 Table

Information:General Resource Profile Permissions

Main Feed:0507 (cnd), 0505 (std)

Field Name	Length	Content	Description	Adhoc Substitution Mask
AARPRSCE	44	Char	Resource Profile (short/display length)	
AARPRSCL	246	Char	Resource Profile (full length)	AARPRSCL1 (51 chars) AARPRSCL2 (51 chars) AARPRSCL3 (51 chars) AARPRSCL4 (51 chars) AARPRSCL5 (42 chars)
AARPRSLN	3	Numeric	Length of resource profile	@LN
AARPRCLS	8	Char	Resource Class	
AARPACID	8	Char	Access Entry	
AARPACET	8	Char	Access Entry Type USER GROUP GENERAL OBSOLETE	
AARPACNA	20	Char	If access entry type is USER, this field will contain the user name	
AARPACLV	7	Char	Access Level NONE EXECUTE READ UPDATE CONTROL ALTER	@RPACLV
AARPACLN	1	Numeric	Access Level (numeric value) 0=NONE 1=EXECUTE 2=READ 3=UPDATE 4=CONTROL 5=ALTER	N/A
AARPACCN	5	Numeric	Access Count	@ACCN

AARPACTY	3	Char	Permit Type
			STD=Standard
			CND=Conditional
				@TY

AARPACCE	8	Char	Conditional Entry	

AARPACCC	8	Char	Conditional Class (i.e., PROGRAM)	
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE25 Table

Information:General Resource Profile Members

Main Feed:0503

Field Name	Length	Content	Description	Adhoc Substitution Mask
AAR1MPRF	40	Char	Resource Profile (Short/Display)	
AAR1MCLS	8	Char	Resource class	
AAR1MPFL	246	Char	Resource Profile (Long)	AAR1MPFL1 (51 chars) AAR1MPFL2 (51 chars) AAR1MPFL3 (51 chars) AAR1MPFL4 (51 chars) AAR1MPFL5 (42 chars)
AAR1MPLN	3	Numeric	Length of resource profile	@LN
AAR1MMEM	40	Char	Member (Short/Display)	
AAR1MMML	246	Char	Member (Long)	AAR1MMML1 (51 chars) AAR1MMML2 (51 chars) AAR1MMML3 (51 chars) AAR1MMML4 (51 chars) AAR1MMML5 (42 chars)
AAR1MMLN	3	Numeric	Length of resource profile member	@LM
AAR1GLBA	7	Char	For GLOBAL profiles - access that is allowed NONE READ UPDATE CONTROL ALTER	@R1GLBA
AAR1PADD	8	PADCHK NOPADCHK	For PROGRAM profiles - Program access to data set (PADS)	
AAR1PADV	6	Char	For PROGRAM profiles - volume upon which the program resides	R1PADV
AAR1SECL	5	Numeric	For SECLEVEL profile in the SECDATA class - numeric value for security level	@SECL
AAR1CATG	5	Numeric	For CATEGORY profile in the SECDATA class - numeric value for security category	@CATG

AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE14 Table

Information:General Resource Tape Volume Data

Main Feed:501

** Not Available for Adhoc Reporting

Field Name	Length	Content	Description
AAR2TPRF	40	Char	Resource Profile (Short/Display)
AAR2TCLS	8	Char	Resource class
AAR2TPFL	246	Char	Resource Profile (Long)
AAR2TPLN	3	Numeric	Length of resource profile
AAR2TSEQ	5	Numeric	File sequence number of the tape dataset
AAR2TCRD	10	1900-01-01	Creation date of the tape data set
AAR2TDIS	1	Y/N	Discrete profile exists
AAR2TINN	44	Char	RACF internal data set name
AAR2TINV	255	Char	Volumes upon which the dataset resides
AAR2TCRN	44	Char	Dataset name used when creating the dataset
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).

AATBLE16 Table

Information: General Resource Profile Security Categories

Main Feed:0502

Field Name	Length	Content	Description	Adhoc Substitution Mask
AAR3PROF	40	Char	Resource Profile (Short/Display)	
AAR3CLAS	8	Char	Resource class	
AAR3PRFL	246	Char	Resource Profile (Long)	AAR3PRFL1 (51 chars) AAR3PRFL2 (51 chars) AAR3PRFL3 (51 chars) AAR3PRFL4 (51 chars) AAR3PRFL5 (42 chars)
AAR3PRLN	3	Numeric	Length of resource profile	@LN
AAR3CATN	5	Numeric	Security Category (numeric value)	@CATN
AAR3CATG	39	Char	Security Category	
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE18 Table

Information:General Resource Session Segment

Main Feed:0510

Field Name	Length	Content	Description	Adhoc Substitution Mask
AAR4PROF	40	Char	Resource Profile (Short/Display)	
AAR4CLAS	8	Char	Resource class	
AAR4PRFL	246	Char	Resource Profile (Long)	AAR4PRFL1 (51 chars) AAR4PRFL2 (51 chars) AAR4PRFL3 (51 chars) AAR4PRFL4 (51 chars) AAR4PRFL5 (42 chars)
AAR4PRLN	3	Numeric	Length of resource profile	@LN
AAR4SKEY	8	Char	Key associated with the APPC session	
AAR4LOCK	1	Y/N	Profile is locked	@LK

AAR4KDTE	10	1900-01-01	Last date that the session key was changed	
AAR4KINT	5	Numeric	Number of days that the key is valid	@KINT
AAR4SLSF	5	Numeric	Current number of failed attempts	@SLSF
AAR4MAXF	5	Numeric	Number of failed attempts before lockout	@MAXF
AAR4CNVS	8	Char	Security checking performed when sessions are established NONE CONVSEC PERSISTV ALREADYV AVPV	
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE19 Table

Information:General Resource Session Entities

Main Feed:0511

** Not Available for Adhoc Reporting

Field Name	Length	Content	Description
AAR5PROF	40	Char	Resource Profile (Short/Display)
AAR5CLAS	8	Char	Resource class
AAR5PRFL	246	Char	Resource Profile (Long)
AAR5PRLN	3	Numeric	Length of resource profile
AAR5ENTN	35	Char	Entity name
AAR5FLCN	5	Numeric	Number of failed session attempts
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).

AATBLE21 Table

Information:General Resource DLFDATA Segment

Main Feed:0520

Field Name	Length	Content	Description	Adhoc Substitution Mask
AAR6PROF	40	Char	Resource Profile (Short/Display)	
AAR6CLAS	8	Char	Resource class	
AAR6PRFL	246	Char	Resource Profile (Long)	AAR6PRFL1 (51 chars) AAR6PRFL2 (51 chars) AAR6PRFL3 (51 chars) AAR6PRFL4 (51 chars) AAR6PRFL5 (42 chars)
AAR6PRLN	3	Numeric	Length of resource profile	@LN
AAR6RETN	1	Y/N	Resource is retained	@RE
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE23 Table

Information:General Resource DLFDATA Job Names

Main Feed:0521

** Not Available for Adhoc Reporting

Field Name	Length	Content	Description
AAR7PROF	40	Char	Resource Profile (Short/Display)
AAR7CLAS	8	Char	Resource class
AAR7PRFL	246	Char	Resource Profile (Long)
AAR7PRLN	3	Numeric	Length of resource profile
AAR7JOBN	8	Char	Job name
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).

AATBLE24 Table

Information:General Resource STDATA (Started Task) Segment

Main Feed:0540

Field Name	Length	Content	Description	Adhoc Substitution Mask
AAR8PROF	40	Char	Resource Profile (Short/Display)	
AAR8CLAS	8	Char	Resource class	
AAR8PRFL	246	Char	Resource Profile (Long)	AAR8PRFL1 (51 chars) AAR8PRFL2 (51 chars) AAR8PRFL3 (51 chars) AAR8PRFL4 (51 chars) AAR8PRFL5 (42 chars)
AAR8PRLN	3	Numeric	Length of resource profile	@LN
AAR8USER	8	Char	Userid assigned	
AAR8GROP	8	Char	Group assigned	
AAR8PRIV	1	Y/N	Process runs privileged	@PV
AAR8TRST	1	Y/N	Process runs trusted	@TR
AAR8TRCE	1	Y/N	Entry is to be traced	@TC
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE35 Table

Information:General Resource SFVMR (SystemView) Segment

Main Feed:0550

Field Name	Length	Content	Description	Adhoc Substitution Mask
AAR9PROF	40	Char	Resource Profile (Short/Display)	
AAR9CLAS	8	Char	Resource class	
AAR9PRFL	246	Char	Resource Profile (Long)	AAR9PRFL1 (51 chars) AAR9PRFL2 (51 chars) AAR9PRFL3 (51 chars) AAR9PRFL4 (51 chars) AAR9PRFL5 (42 chars)
AAR9PRLN	3	Numeric	Length of resource profile	@LN
AAR9SCRP	8	Char	Script Name	
AAR9PARM	8	Char	Parm Name	
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).	N/A

AATBLE36 Table

Information:General Resource Tape Volumes

Main Feed:0504

** Not Available for Adhoc Reporting

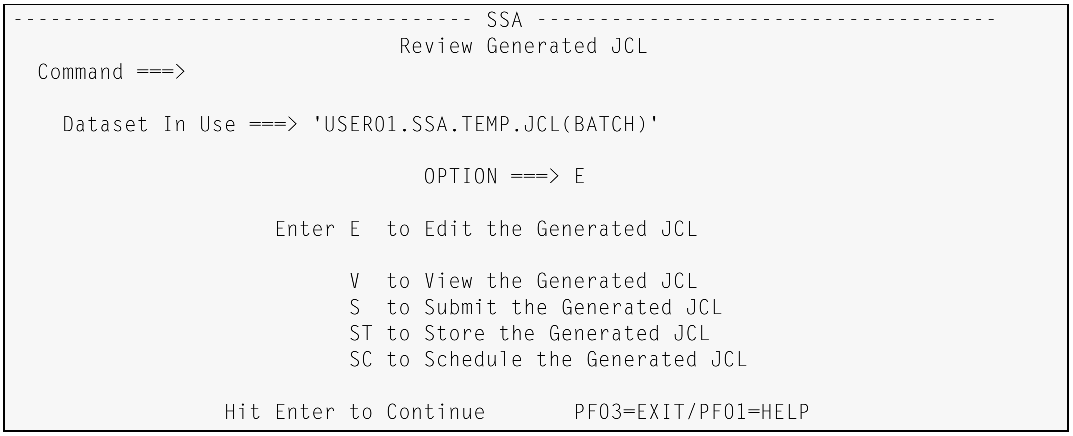
Field Name	Length	Content	Description
AAR0PROF	40	Char	Resource Profile (Short/Display)
AAR0CLAS	8	Char	Resource class
AAR0PRFL	246	Char	Resource Profile (Long)
AAR0PRLN	3	Numeric	Length of resource profile
AAR0VOLM	6	Char	Tape Volume
AQSEL	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).
AAMARK	1	Blank	Reserved - Field is not to be updated by users except on temporary basis (i.e., TBOPEN NOWRITE).

Appendix C. Miscellaneous SSA Features

This appendix describe miscellaneous features that do not belong to a specific SSA function.

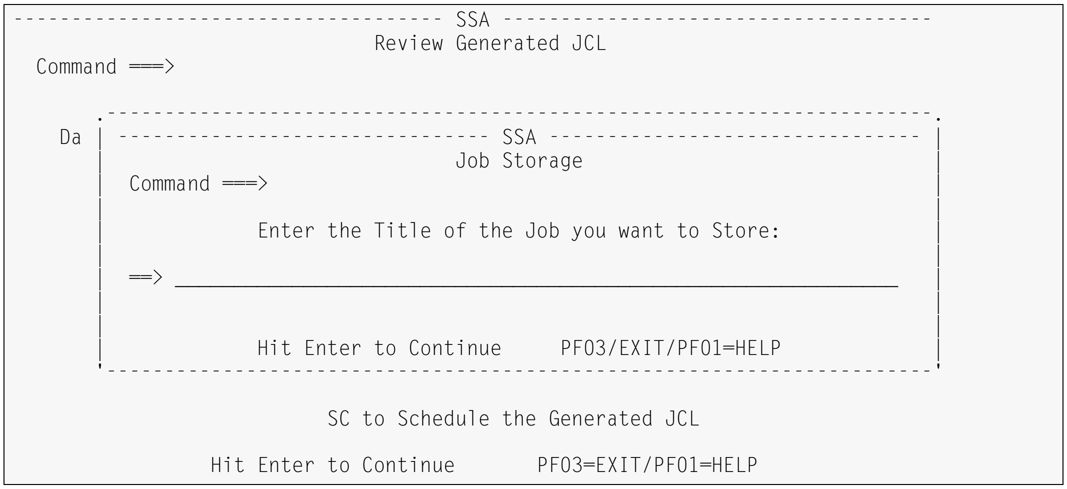
Revise or Delete Stored Jobs

The SSA Revise/Delete Stored Jobs option allows users to access their stored JCL with the SSA ISPF based storage facility. Below is the Review Generated JCL screen that the Reports, Command Generation and The SCHEDULER use after file tailoring has created the JCL based on your input. This screen is the most common interface to store generated JCL.



```
------------------------------------ SSA ------------------------------------
                               Review Generated JCL
 Command ===>

   Dataset In Use ===> 'USER01.SSA.TEMP.JCL(BATCH)'

                                 OPTION ===> E

                     Enter E  to Edit the Generated JCL

                           V  to View the Generated JCL
                           S  to Submit the Generated JCL
                           ST to Store the Generated JCL
                           SC to Schedule the Generated JCL

                 Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

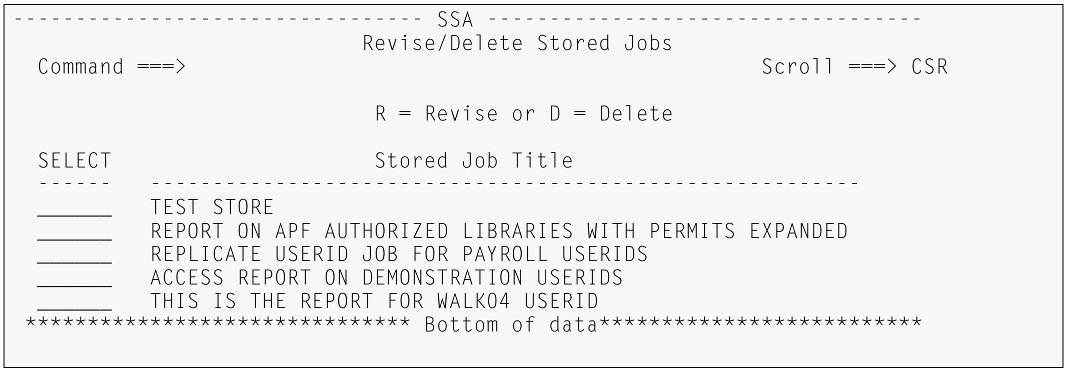
Once the user enters “ST” and hits enter they are presented with a popup screen in which they can enter a title for the job up to 60 characters in length. Below is a sample of the title entry screen.



```
------------------------------------ SSA ------------------------------------
                               Review Generated JCL
 Command ===>

       .-------------------------------------------------------------------.
   Da  | ------------------------------ SSA ------------------------------ |
       |                             Job Storage                           |
       |  Command ===>                                                     |
       |                                                                   |
       |            Enter the Title of the Job you want to Store:          |
       |                                                                   |
       |  ==> ____________________________________________________________ |
       |                                                                   |
       |                                                                   |
       |            Hit Enter to Continue     PF03/EXIT/PF01=HELP          |
       '-------------------------------------------------------------------'

                            SC to Schedule the Generated JCL

                  Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

The title entered is the title shown when you choose the Revise/Delete Stored Jobs option.

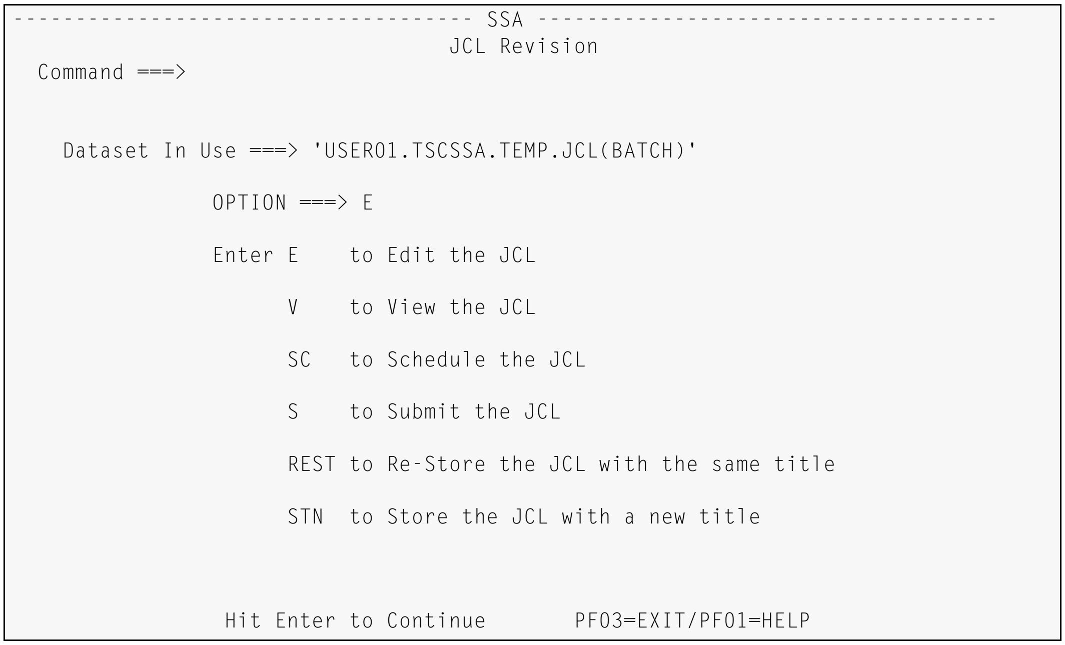
Below is a sample of the Revise/Delete Stored Jobs display.



```
--------------------------------- SSA -----------------------------------
                            Revise/Delete Stored Jobs
  Command ===>                                                Scroll ===> CSR

                             R = Revise or D = Delete

  SELECT                     Stored Job Title
  ------    ---------------------------------------------------------
  ______    TEST STORE
  ______    REPORT ON APF AUTHORIZED LIBRARIES WITH PERMITS EXPANDED
  ______    REPLICATE USERID JOB FOR PAYROLL USERIDS
  ______    ACCESS REPORT ON DEMONSTRATION USERIDS
  ______    THIS IS THE REPORT FOR WALK04 USERID
 ******************************* Bottom of data**************************
```

Select as many stored jobs as you wish; enter “R” to revise the stored job or “D” to delete the stored jobs. If you chose to delete a stored job, a prompt appears to confirm the deletion request.

The JCL Revision screen has a few differences from the Review JCL screen displayed before as shown below.

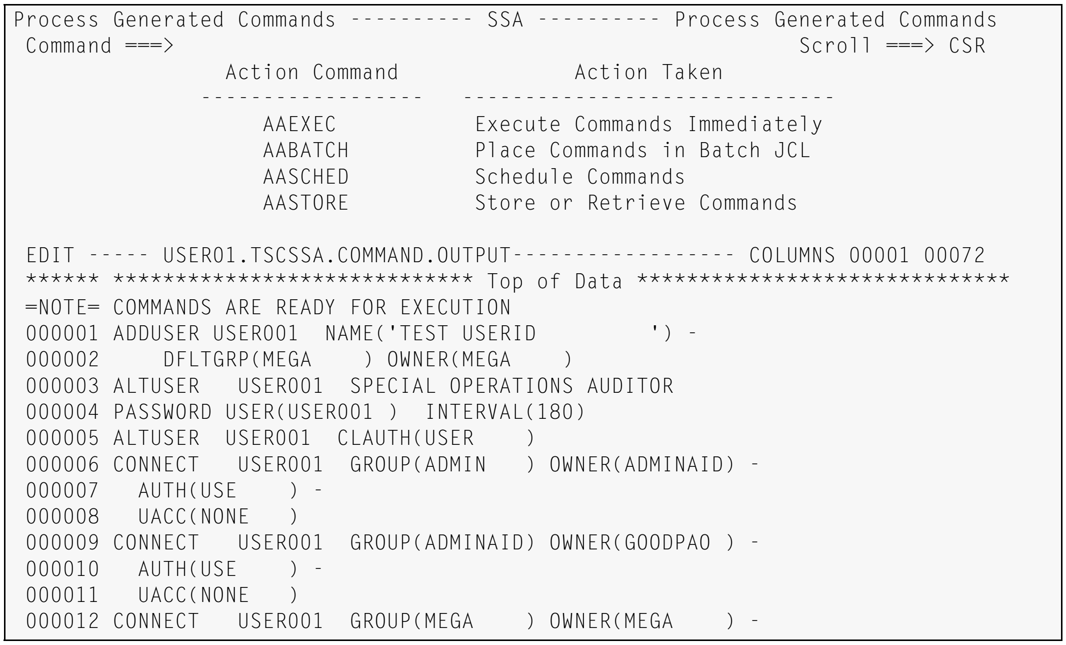


```
------------------------------------- SSA -------------------------------------
                                   JCL Revision
  Command ===>


    Dataset In Use ===> 'USER01.TSCSSA.TEMP.JCL(BATCH)'

                OPTION ===> E

                Enter E    to Edit the JCL

                      V    to View the JCL

                      SC   to Schedule the JCL

                      S    to Submit the JCL

                      REST to Re-Store the JCL with the same title

                      STN  to Store the JCL with a new title


                 Hit Enter to Continue       PF03=EXIT/PF01=HELP
```

The JCL Revision screen allows you to restore the JCL with the same title it had when retrieved, or store the JCL with a new title that leaves the original job intact.

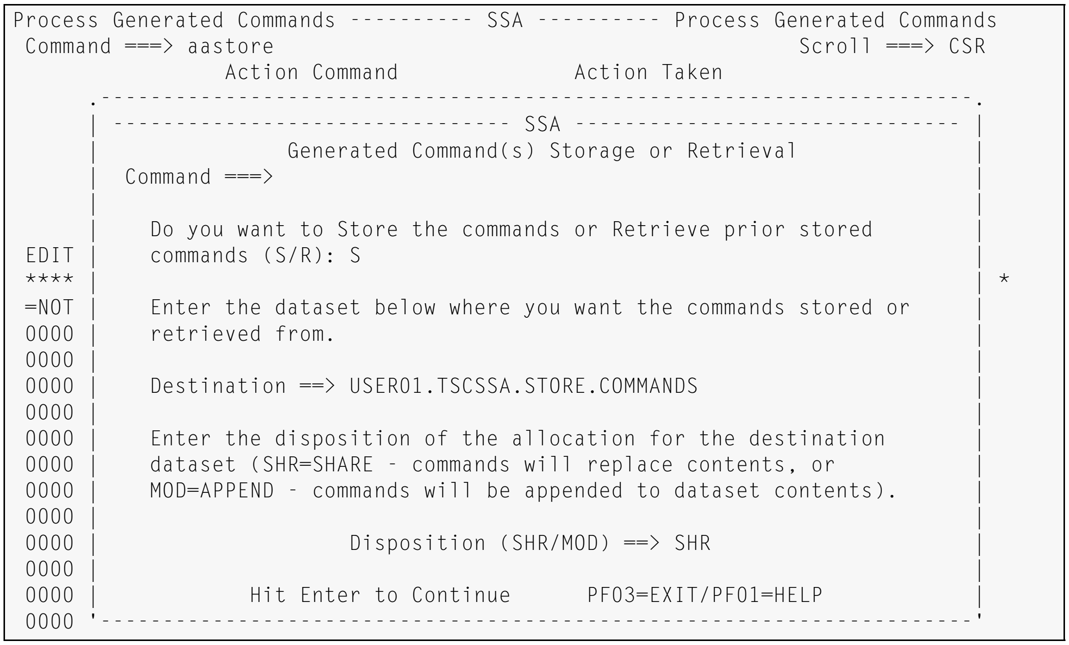
Retrieve or Store Commands

After using either the Adhoc command generation facility in Online Generic Searches, or any of the Command Generation functions in online mode, you are presented with the Process Generated Commands Edit Session. Below is a sample of the screen.



```
Process Generated Commands ---------- SSA ---------- Process Generated Commands
 Command ===>                                                  Scroll ===> CSR
                 Action Command             Action Taken
               ------------------   ------------------------------
                    AAEXEC          Execute Commands Immediately
                    AABATCH         Place Commands in Batch JCL
                    AASCHED         Schedule Commands
                    AASTORE         Store or Retrieve Commands

 EDIT ----- USER01.TSCSSA.COMMAND.OUTPUT----------------- COLUMNS 00001 00072
 ****** **************************** Top of Data *****************************
 =NOTE= COMMANDS ARE READY FOR EXECUTION
 000001 ADDUSER USER001  NAME('TEST USERID         ') -
 000002     DFLTGRP(MEGA    ) OWNER(MEGA    )
 000003 ALTUSER   USER001  SPECIAL OPERATIONS AUDITOR
 000004 PASSWORD USER(USER001 )  INTERVAL(180)
 000005 ALTUSER  USER001  CLAUTH(USER    )
 000006 CONNECT   USER001  GROUP(ADMIN    ) OWNER(ADMINAID) -
 000007   AUTH(USE     ) -
 000008   UACC(NONE    )
 000009 CONNECT   USER001  GROUP(ADMINAID) OWNER(GOODPAO ) -
 000010   AUTH(USE     ) -
 000011   UACC(NONE    )
 000012 CONNECT   USER001  GROUP(MEGA    ) OWNER(MEGA    ) -
```

One of the features available from this screen is the AASTORE macro. The AASTORE macro stores currently displayed commands, or retrieves previously stored commands into the edit session. Enter AASTORE from the command line to begin storing or retrieving commands. You will then be presented with the Generated Command(s) Storage or Retrieval screen as shown below.



```
Process Generated Commands ---------- SSA ---------- Process Generated Commands
 Command ===> aastore                                          Scroll ===> CSR
                 Action Command             Action Taken
       .----------------------------------------------------------------------.
       | ------------------------------- SSA ------------------------------- |
       |              Generated Command(s) Storage or Retrieval              |
       | Command ===>                                                        |
       |                                                                     |
       |   Do you want to Store the commands or Retrieve prior stored        |
 EDIT  |   commands (S/R): S                                                 |
 ****  |                                                                     | *
 =NOT  |   Enter the dataset below where you want the commands stored or     |
 0000  |   retrieved from.                                                   |
 0000  |                                                                     |
 0000  |   Destination ==> USER01.TSCSSA.STORE.COMMANDS                      |
 0000  |                                                                     |
 0000  |   Enter the disposition of the allocation for the destination       |
 0000  |   dataset (SHR=SHARE - commands will replace contents, or           |
 0000  |   MOD=APPEND - commands will be appended to dataset contents).      |
 0000  |                                                                     |
 0000  |                   Disposition (SHR/MOD) ==> SHR                     |
 0000  |                                                                     |
 0000  |           Hit Enter to Continue      PF03=EXIT/PF01=HELP            |
 0000  '---------------------------------------------------------------------'
```

Complete the following fields of the Generated Command(s) Storage or Retrieval screen:

Store or Retrieve Indicate if you want to store the currently displayed commands, or retrieve previously stored commands into the edit session.

Destination Enter the name of the dataset to store or retrieve commands. The default for this dataset is the allocation prefix set in your SSA configuration and SSA.STORE.COMMANDS. If the dataset does not exist and you specified Store, SSA prompts you to confirm the allocation request.

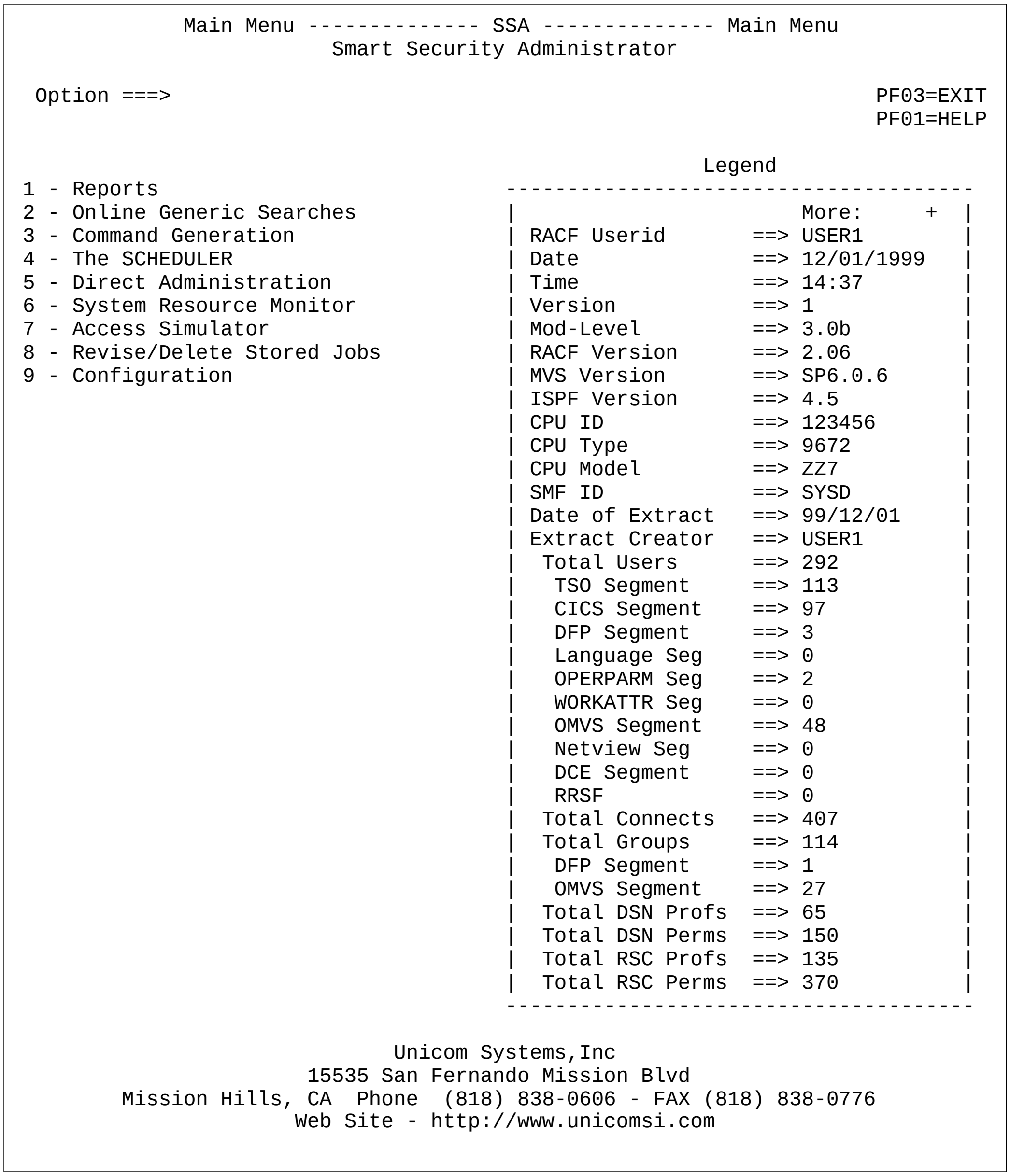
The dataset must have the following allocation attributes:

```
RECFM=F or FB
LRECL=80
DSORG=PS
```

Disposition You can indicate SHR (share) which will cause either option to copy over the commands that exist in the destination dataset, or you can indicate MOD (append) which will append the commands to whatever is in the destination dataset.

MAIN SSA Screen

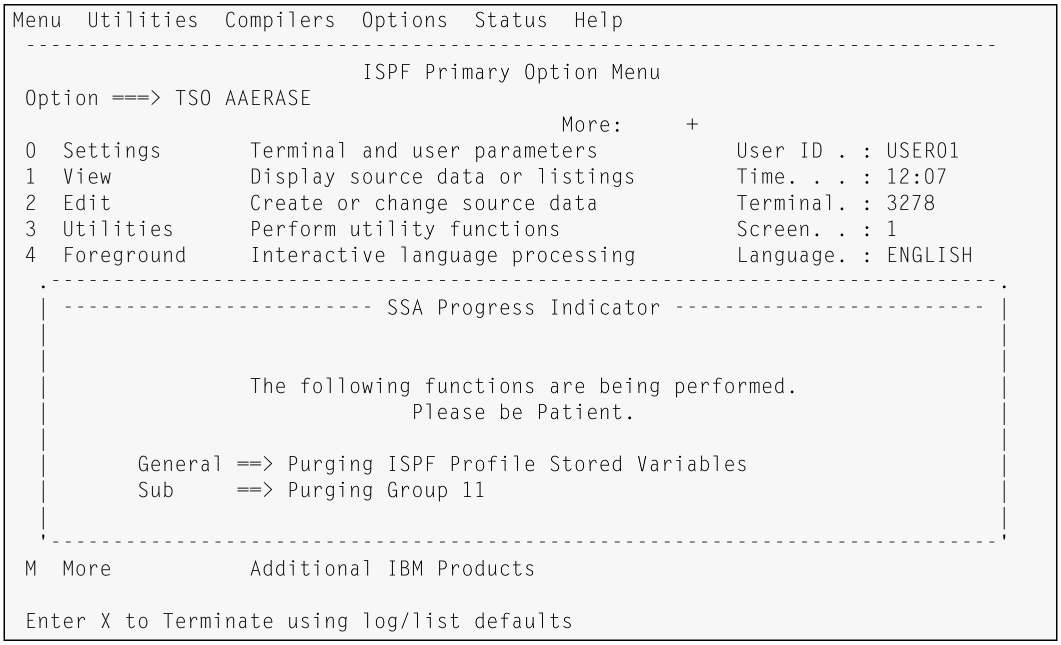
The SSA Main Menu shown below has a scrolling information area that provides details concerning your system and the off-loaded SSA database you are currently pointing at. The Main Menu gets refreshed upon activation of the screens via startup program AASTART.



```
             Main Menu ------------- SSA ------------- Main Menu
                         Smart Security Administrator

 Option ===>                                                         PF03=EXIT
                                                                     PF01=HELP

                                                       Legend
1 - Reports                            --------------------------------------
2 - Online Generic Searches            |                       More:     +   |
3 - Command Generation                 | RACF Userid       ==> USER1         |
4 - The SCHEDULER                      | Date              ==> 12/01/1999    |
5 - Direct Administration              | Time              ==> 14:37         |
6 - System Resource Monitor            | Version           ==> 1             |
7 - Access Simulator                   | Mod-Level         ==> 3.0b          |
8 - Revise/Delete Stored Jobs          | RACF Version      ==> 2.06          |
9 - Configuration                      | MVS Version       ==> SP6.0.6       |
                                       | ISPF Version      ==> 4.5           |
                                       | CPU ID            ==> 123456        |
                                       | CPU Type          ==> 9672          |
                                       | CPU Model         ==> ZZ7           |
                                       | SMF ID            ==> SYSD          |
                                       | Date of Extract   ==> 99/12/01      |
                                       | Extract Creator   ==> USER1         |
                                       |  Total Users      ==> 292           |
                                       |   TSO Segment     ==> 113           |
                                       |   CICS Segment    ==> 97            |
                                       |   DFP Segment     ==> 3             |
                                       |   Language Seg    ==> 0             |
                                       |   OPERPARM Seg    ==> 2             |
                                       |   WORKATTR Seg    ==> 0             |
                                       |   OMVS Segment    ==> 48            |
                                       |   Netview Seg     ==> 0             |
                                       |   DCE Segment     ==> 0             |
                                       |   RRSF            ==> 0             |
                                       |  Total Connects   ==> 407           |
                                       |  Total Groups     ==> 114           |
                                       |   DFP Segment     ==> 1             |
                                       |   OMVS Segment    ==> 27            |
                                       |  Total DSN Profs  ==> 65            |
                                       |  Total DSN Perms  ==> 150           |
                                       |  Total RSC Profs  ==> 135           |
                                       |  Total RSC Perms  ==> 370           |
                                       --------------------------------------

                              Unicom Systems,Inc
                       15535 San Fernando Mission Blvd
        Mission Hills, CA  Phone  (818) 838-0606 - FAX (818) 838-0776
                      Web Site - http://www.unicomsi.com
```

AAERASE CLIST

SSA stores vital user information in an ISPF profile variable pool. If users need to clear stored values either, they can execute CLIST AAERASE. AAERASE must be executed in an ISPF environment when you are logged on to the logon procedure containing SSA libraries. Upon execution, AAERASE displays which variable group it is currently purging. Below is a sample of the display:



```
Menu  Utilities  Compilers  Options  Status  Help
 ------------------------------------------------------------------------------
                           ISPF Primary Option Menu
 Option ===> TSO AAERASE
                                           More:     +
 0  Settings       Terminal and user parameters          User ID . : USER01
 1  View           Display source data or listings       Time. . . : 12:07
 2  Edit           Create or change source data          Terminal. : 3278
 3  Utilities      Perform utility functions             Screen. . : 1
 4  Foreground     Interactive language processing       Language. : ENGLISH
  .-----------------------------------------------------------------------------.
  | ------------------------- SSA Progress Indicator ------------------------- |
  |                                                                             |
  |                                                                             |
  |                The following functions are being performed.                 |
  |                             Please be Patient.                              |
  |                                                                             |
  |      General ==> Purging ISPF Profile Stored Variables                      |
  |      Sub     ==> Purging Group 11                                           |
  |                                                                             |
  '-----------------------------------------------------------------------------'
 M  More           Additional IBM Products

 Enter X to Terminate using log/list defaults
```

Appendix D. Migrating to Release 1.3

This appendix describes how to migrate to SSA Release 1.3 from an earlier release. The appendix includes a migration procedure that upgrades a prior release of SSA to the current release.

1. **Offload the Install library to a different dataset then the one used for SSA Release 1.1 or 1.2.**

   Unload File 1 from the install tape to disk using an IEBCOPY job similar to the example shown below. You must modify the job's JCL to meet your shop requirements.

   ```
   ********* PLACE YOUR JOBCARD HERE **********
   //*
   //*    UNLOAD THE INSTALL LIBRARY
   //*
   //STEP010 EXEC PGM=IEBCOPY,REGION=1M
   //SYSPRINT DD SYSOUT=*
   //IN01     DD DSN=SSA.INSTALL,DISP=OLD,
   //            UNIT=3480,VOL=SER=MSCSSA,
   //            LABEL=(1,SL),
   //            DCB=(RECFM=FB,LRECL=80,BLKSIZE=23440)
   //OUT01    DD DSN=SSA.V1R3.INSTALL,DISP=(,CATLG),
   //            UNIT=3380,
   //            SPACE=(TRK,(5,5,25),RLSE),
   //            DCB=(RECFM=FB,LRECL=80,BLKSIZE=23440)
   //SYSUT3   DD UNIT=SYSDA,SPACE=(TRK,(5))
   //SYSUT4   DD UNIT=SYSDA,SPACE=(TRK,(5))
   //SYSIN    DD *
    COPY  OUTDD=OUT01,INDD=((IN01,R))
   //*
   ```

   Make the following changes before submitting this job:

   - Replace the first line of this job with your job card.
   - Change SYSDA in UNIT=SYSDA to your work space device.
   - Change 3380 in UNIT=3380 to the install device.
   - Change 3480 in UNIT=3480 to your name for a 3480 tape cartridge.
   - Change the dataset name on the OUT01 DD as required for your shop. Be sure that you do not overwrite the version 1.1 or 1.2 install library. There are distinct differences that must be maintained.

2. **Edit member AAOPTION in the version 1.3 install library and propagate any changes made to the original version 1.1 or 1.2 configuration member.**

   If you did not change any of the default settings in AAOPTION, proceed to the next step in the procedure. Otherwise, refer to "Chapter 10 Configuration" on page 513 for information about making changes to AAOPTION.

3. Add all new entries to the AUTHTSF portion of the IKJTSO00 member in SYS1.PARMLIB (a full example is in member AUTHTSF of the SSA version 1.3 install library).

   Add AUTHTSF entries based upon the current SSA release:

   New AUTHTSF entries to upgrade from SSA Release 1.1:

```
AACMD003             /* SSA=USERID ADMINISTRATION  */  +
AACMD004             /* SSA-GROUP ADMINISTRATION   */  +
AACMD005             /* SSA=DSN PROF ADMINISTRATION*/  +
AACMD006             /* SSA=GENRSCE PROF ADMIN.    */  +
AACMD007             /* SSA=DSN PERMIT ADMIN.      */  +
AACMD008             /* SSA=USER TSO SEGMENT ADMIN.*/  +
AACMD009             /* SSA=USER CICS SEGMENT ADMIN*/  +
AACMD014             /* SSA=GENRSCE MEMBER ADMIN.  */  +
AACMD015             /* SSA=GENRSCE PERMIT ADMIN.  */  +
```

   New AUTHTSF entries to upgrade from SSA Release 1.2:

```
AACMD005             /* SSA=DSN PROF ADMINISTRATION*/  +
AACMD006             /* SSA=GENRSCE PROF ADMIN.    */  +
AACMD007             /* SSA=DSN PERMIT ADMIN.      */  +
AACMD008             /* SSA=USER TSO SEGMENT ADMIN.*/  +
AACMD009             /* SSA=USER CICS SEGMENT ADMIN*/  +
AACMD014             /* SSA=GENRSCE MEMBER ADMIN.  */  +
AACMD015             /* SSA=GENRSCE PERMIT ADMIN.  */  +
```

   The AUTHTSF sample entries shown above are not complete for SSA Release 1.3. member. and only show the additional entries. Be sure to compare the AUTHTSF member in the version 1.3 install library against your SYS1.PARMLIB IKJTSO00 member to ensure that all entries have been added.

   Activate these additions to AUTHTSF by issuing the PARMLIB UPDATE command, or IPLing your system. Refer to “Step 4: Add AUTHTSF Entries” on page 10 for more information about updating these entries.

4. Edit job MAINTJOB located in the SSA Install JCL library (usually MEGASSA.INSTALL).

   - Replace the first line of this file with the your job card.
   - Change 'SYSDA' in WORK=SYSDA to the device you are going to use for work space.
   - Change '3480' in 'TAPE=3480' to your installation name for a 3480 tape cartridge.
   - Change the 'SSA' in AAPRFX=SSA to a HLQ used to allocate the original SSA libraries.

   After you have submitted the job, check that all steps received condition codes of 0. If any step did not receive a condition code of 0, DO NOT continue. Note the problem to your SSA technical support representative for resolution.

   If the job completes successfully, the migration procedure is complete and you can begin using SSA Release 1.3. If you intend to use the optional CICS Direct Administration Module, continue with step 5 on the next page.

5. Complete this step only if CICS Direct Administration Module is going to be used at your site.

   - If you have never installed SSA-CDA, proceed with the full installation described in “Step 11: Install the CICS Direct Administration Module” on page 21.
   - If you have installed SSA-CDA version 1.2 and are upgrading to version 1.3, it is recommended you do the following:

     Delete the CICS definition group SSA installed in version 1.2. This can be done by issuing the following CICS command in each region you installed it in:

     ```
     CEDA DEL GROUP(SSA) ALL(*)
     ```

     Proceed with the full SSA-CDA installation described in “Step 11: Install the CICS Direct Administration Module,” on page 21.

Index