

How to Setup and Switch Between Multiple Internet Connections on the USR Sureconnect 9003

The USR 9003 can facilitate multiple connections and has the ability to switch between them but in the current firmware (3rd April 2003) will only allow one connection to be setup with the NZ VPI and VCI in the **Service Provider Settings → Wan Setup**. The second connection, ie Jetstreamgames, can be configured though the **Service Provider Settings → Advanced → VCC**. Switching between the connections is done in the **Service Provider Settings → Advanced → PPPoA**. A new firmware will be release to allow multiple connections with the same PVC settings in the Wan Setup.

Step 1. Setup your ISP Internet connection

Username: **root** Password: **12345**

For setting up the router using the **Web Interface**, from the **Quick Setup** menu, Select **WAN Setup**. Click on **PPPoA** and enter in the details as below. Enter your username and password given to you by your ISP.

SureConnect™ ADSL Utility

•ADSL Standard •**WAN Setup** •Save and Restart

WAN Setup

VPI: 0 VCI: 100

Encapsulation Mode

☐ LLC/SNAP ☒ Vc Multiplexing

Network Settings

☒ Enable NAT ☒ Enable DHCP

☐ RFC1483 Bridged

☐ RFC1483 Routed

WAN IP address: WAN subnet mask:

☐ PPPoE

User name: Password: Dialing Mode: Direct Idle Timeout (min): Authentication: CHAP

☒ **PPPoA**

User name: username.xdsl@xtra.co.nz Password: Authentication: PAP

☐ Mer

IP address: subnet mask:

Add Modify Delete Disable Firewall

Current ATM PVC List

Select	Mode	VPI	VCI	Encap	NAT	IP Address	Subnet Mask	User Name	Authentication Protocol	Idle Timeout	PPP Mode	Status
<input checked="" type="radio"/>	PPPoA	0	100	VC	Off	None	None	username.xdsl@xtra.co.nz	Pap	NA	NA	Negotiating

PPP Negotiating: Refresh the page to get current status.
If you enabled NAT, the status field will show ON after the session is negotiated !

Next

Click on **Add** and your connection will now be displayed in the **Current ATM PVC List**.

Remove any other connection that is in the list by selecting the connection and clicking on **Delete** until the only connection left is the one you created. Click on **Next**. Select **Save** and when saving is complete select **Restart**.

Step 2. Setup the Jetstreamgames Connection

Service Provider Settings → Advanced → VCC. Click on Add

◆ WAN Setup ◆ ADSL Standard ◆ PPPoE Relay ◆ NAPT Bridge ◆ Bridging ◆ **Advanced**

Interface **VCC** PPPoE PPPoA

List of VCCs

Select	VPI	VCI	Type (Data/Voice)	Encapsulation	Interface	IP Address
<input type="radio"/>	0	100	Data	PPPoA	ppp0	210.86.111.109

List IPoA Delete Encap Add Delete Show QoS Settings

Fill in the details for Jetstream games as below

VCC Configuration

VPI: 0 VCI: 100

Peak Cell Rate (cells/sec): 3000 Avg. Cell Rate (cells/sec): 3000

Burst Size (cells): 45 CDVT (cells): 500000

Type: Data Service Type: UBR

For data flow:

☐ Routed Bridge
Interface: atm0

☐ IPoA
Interface: atm0
Default PVC: ☐
Next Hop PVC:

☒ PPPoA
Profile Id: 1
User Name: user@jetstreamgames.co.nz
Password:
Authentication Type: PAP Interface: PPP0
Encapsulation Type: VC Trace: ON
Subnet Mask: 255.255.255.255 NAT: ☒

☐ PPPoE
Profile Id:
User Name:
Password:
Authentication Type: CHAP Interface: PPP0
Mode: DIRECT Idle Time (min):
Encapsulation Type: LLC Trace: OFF
Subnet Mask: 255.255.255.255 NAT: ☐

Apply Cancel

Click on **Apply**. This connection will now show up in **Service Provider Settings → Advanced → PPPoA**.

Select **Save** from the **Tools** Menu to save the configuration.

Step 3. Switching Between the Two Connections

● WAN Setup ● ADSL Standard ● PPPoE Relay ● NAPT Bridge ● Bridging ● **Advanced**

Interface VCC PPPoE **PPPoA**

List of PPPoA Entries

Select	Profile Id	Vpi	Vci	Interface Name	UserName	Active
	Authentication Protocol	Nat	Subnet Mask	Valid	Password	Default
<input type="radio"/>	0	0	100	ppp0	CDMA.xadsl@xtra.co.nz	Active
	pap	Enabled	255.255.255.255	Valid	*****	No
<input type="radio"/>	1	0	100	ppp0	user@jetstreamgames.co.nz	Inactive
	pap	Enabled	255.255.255.255	Valid	*****	No

To switch between connections, you need to select and **Stop** the connection that is **Active** and select and **Start** your other connection. You may need to refresh the screen to update the webpage.