



NetVanta 2000 Series Technical Note

How to configure the NetVanta 2000 Series WAN /X1 Interface with PPTP Connection



This document is applicable to NetVanta 2600 series, 2700 series, and 2800 series units.

Feature/Application:

Configuring the NetVanta 2000 Series WAN interface (X1 by default) with PPTP Settings. (Other WAN configuration: DHCP, PPPoE, Static IP or L2TP)

Procedure:

PPTP mode: Use this mode if your ISP is using a PPTP connection. To configure this mode:

1. Click the **Network > Interfaces** tab.
2. Click **Configure** for the WAN interface (X1 by default).

Name	Zone	IP Address	Subnet Mask	IP Assignment	Status	Comment	Configure
X0	LAN	192.168.168.168	255.255.255.0	Static	1000 Mbps full-duplex		
X1	WAN	255.255.255.0	255.255.255.0	Static	1000 Mbps full-duplex	Default WAN	
X2	WLAN	172.16.31.1	255.255.255.0	Static	No link		
X3	Unassigned	0.0.0.0	0.0.0.0	N/A	No link		
X4	Unassigned	0.0.0.0	0.0.0.0	N/A	No link		
X5	Unassigned	0.0.0.0	0.0.0.0	N/A	No link		
X6	Unassigned	0.0.0.0	0.0.0.0	N/A	No link		
X7	Unassigned	0.0.0.0	0.0.0.0	N/A	No link		
X8	Unassigned	0.0.0.0	0.0.0.0	N/A	No link		

3. Under IP assignment, choose **PPTP** from the drop down menu.

The screenshot shows the configuration page for Interface 'X1' on an ADTRAN Network Security Appliance. The page has three tabs: General, Advanced, and Protocol. The 'General' tab is selected. The configuration fields are as follows:

- Zone: WAN (dropdown)
- IP Assignment: PPTP (dropdown)
- User Name: (empty text box)
- User Password: (empty text box)
- PPTP Server IP Address: 0.0.0.0 (text box)
- PPTP (Client) Host Name: (empty text box)
- Comment: Default WAN (text box)
- Management: HTTP, HTTPS, Ping, SNMP, SSH
- User Login: HTTP, HTTPS
- Add rule to enable redirect from HTTP to HTTPS
- Inactivity Disconnect (minutes): 10 (text box)
- PPTP IP Assignment: DHCP (dropdown)
- IP Address: 0.0.0.0 (text box)
- Gateway Address: 0.0.0.0 (text box)
- Subnet Mask: 0.0.0.0 (text box)
- Buttons: Renew, Release, Refresh
- Status: Ready (text box)
- Buttons: OK, Cancel, Help

4. Enter the **User name** and **User password** given by the ISP.
5. Specify the PPTP server IP address given by the ISP under PPTP server IP address.
6. The PPTP (Client) Host name will be given by the ISP.
7. After entering these configurations, click the **Release** button and then the **Renew** button.
8. Click **OK** to update your configurations.

How to test the connectivity:

1. On the NetVanta 2000 Series unit, Click **System > Diagnostics**. Choose Ping in the “**Diagnostic utility**” drop down in the Standard and Enhanced firmware. (In 6.x firmware Click Tools > Diagnostics).
2. Ping your ISP’s Default Gateway or any IP that is pingable on the Internet (e.g. 4.2.2.2).
3. Also try to ping a website (eg: www.google.com) to ensure that the DNS resolution is working.