Ethernet WAN with VLAN

While moving to nbn™, some ISPs need to configure their own customer VLAN while configuring the broadband profile. This guide describes the procedure to configure that profile.

This instruction applies to most NetComm routers and to VDSL connections as well.

Prerequisites

1. Broadband/PPP username and password
2. VLAN ID
3. Know your Connection Type

Procedure

1. Connect your PC with the modem either with a Ethernet (LAN) cable or wirelessly (use your Wireless Security Card if you are connecting wirelessly).
2. Open a web browser (such as Internet Explorer, Google Chrome or Firefox), type http://192.168.20.1 into the address bar and press Enter.
3. At the login screen, type admin into both the User Name and the Password fields and click OK or Log In.
4. Select the Advanced Setup menu, then select the WAN Service sub menu at the left-hand side of the screen.
5. Then on the right-hand side, click the ADD button.
6 On the next page, select your connection type from the drop-down menu. Select **ptm** for VDSL or **eth4** for **Ethernet WAN**. Then press **Next**.

7 On the next page, select the radio button **PPP over Ethernet (PPPoE)**. Now if you do not need to configure VLAN, keep everything else at the default values.

   For example:
   - Enter 802.1P Priority [0-7]: -1
   - Enter 802.1Q VLAN ID [0-4094]: -1

   Alternatively, if your ISP suggested any VLAN ID the put that on “Enter 802.1Q VLAN ID [0-4094]” field and put 0 on “Enter 802.1P Priority [0-7]”.
   
   For example, here VLAN ID is 100.
   - Enter 802.1P Priority [0-7]: 0
   - Enter 802.1Q VLAN ID [0-4094]: 100

8 On the next page, provide your Broadband **PPP Username** and **PPP Password**, leave all other options unchanged and press the **Next** button.

9 Just press the Next button on the **Routing -- Default Gateway** and **DNS Server Configuration** pages and the **Apply/Save** button on the **WAN Setup -- Summary** page.

10 The Internet light should start blinking, informing that you now have access to the internet.