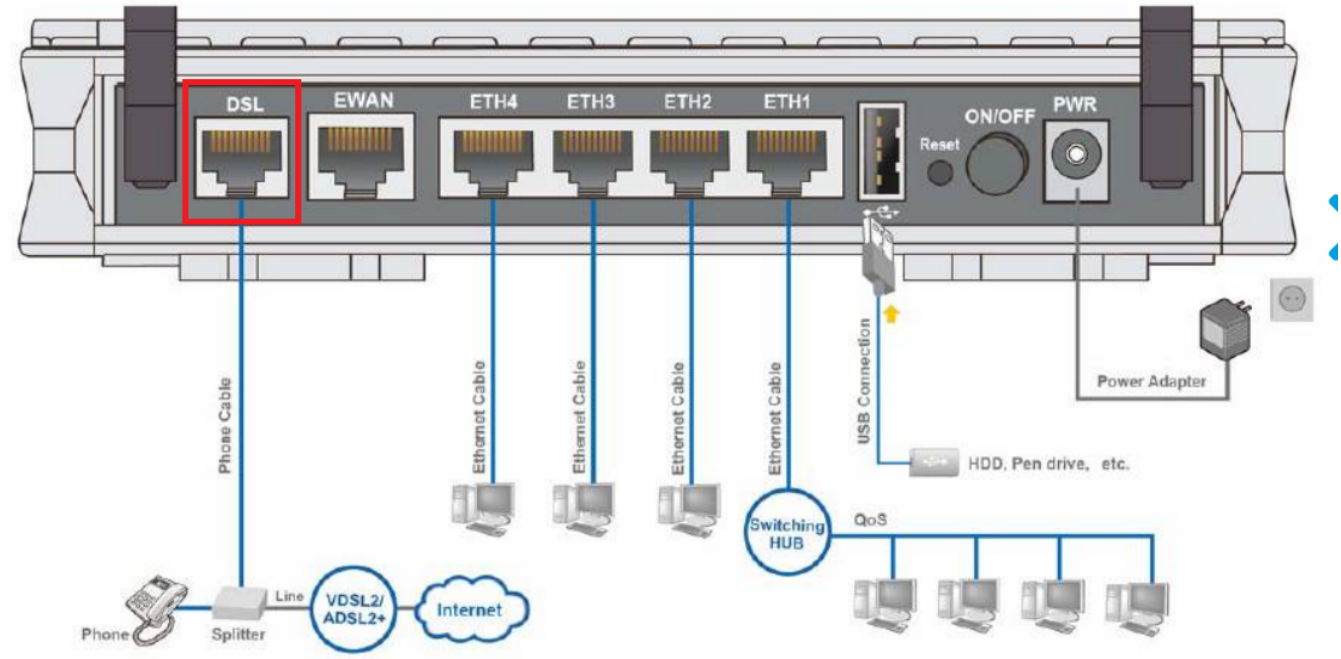
Configuring Billion Modem for SpinTel NBN

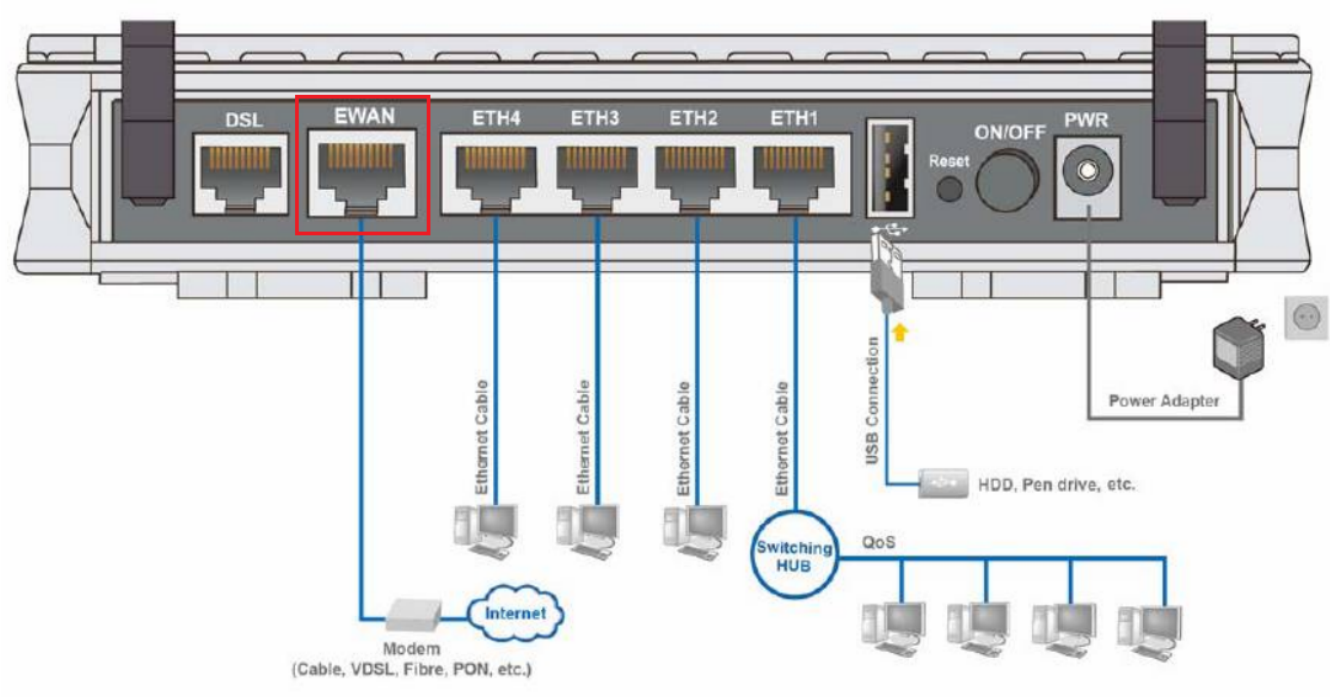
How do you know if your Billion modem is compatible with nbn?

There are 2 different types of ports you need to check whether your modem is compatible with the type of nbn service that you have on your premise.

1. DSL port - often grey in colour, uses RJ11 cable. This is the same as the old telephone cable you would use to plug your home phone into the wall socket.



2. WAN port - Also known as the internet port that uses RJ-45 Ethernet cable to connect your Billion modem to the nbn connection device.



Some modems have both of these ports, and some only have one. To identify which port is required for your nbn type of service, check the table below.

NBN type	Modem connection type	Authentication
Fibre to the Premise	Router/WAN connection	**IPOE/Dynamic/DHCI**
Fixed Wireless	Router/WAN connection	**IPOE/Dynamic/DHCI**
Hybrid Fibre Coaxial	Router/WAN connection	**IPOE/Dynamic/DHCI**

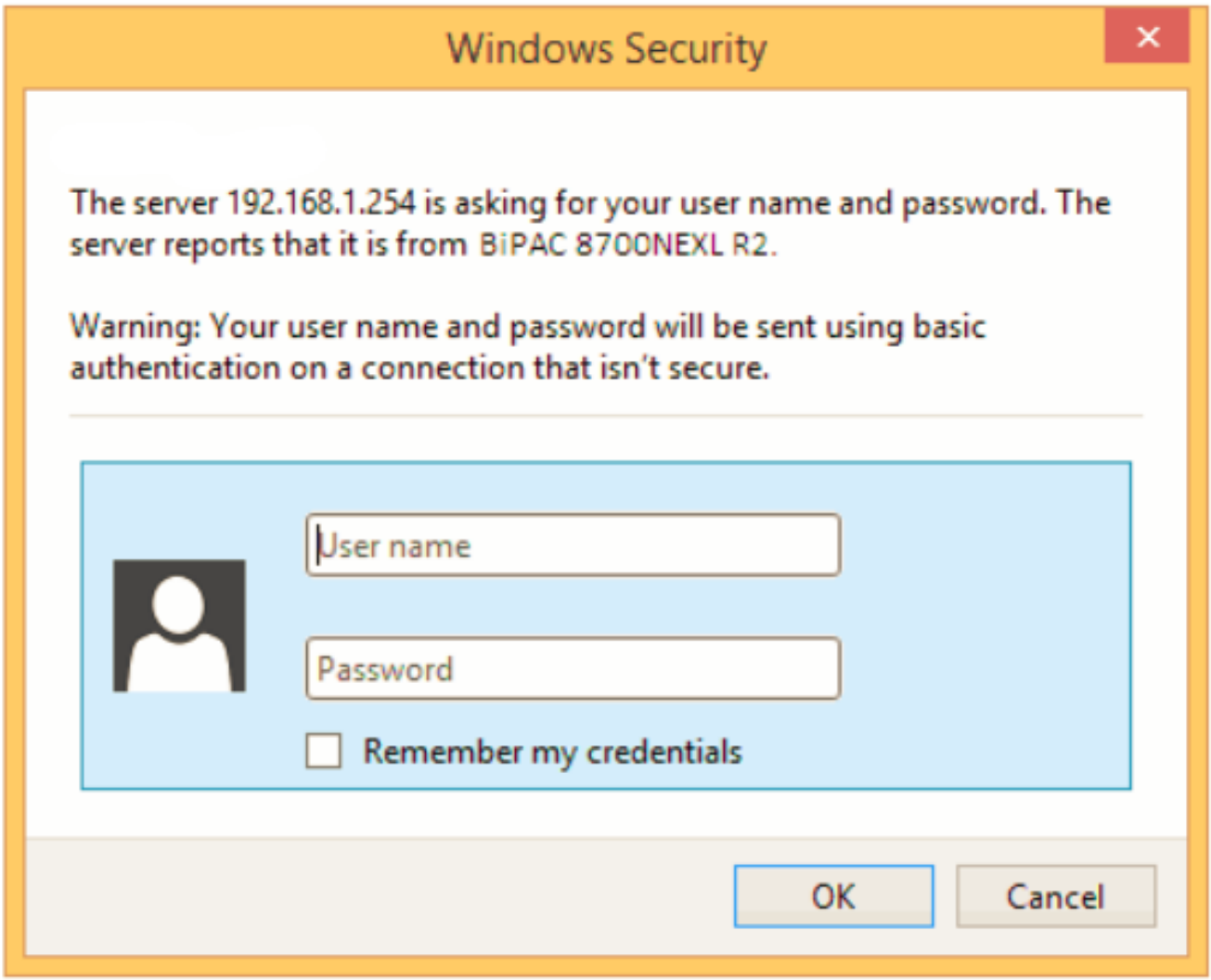
Fibre to the Curb	Router/WAN connection	**IPOE/Dynamic/DHCP**
Fibre to the Node	VDSL Modem required	**IPOE/Dynamic/DHCP**
Fibre to the Basement	VDSL Modem required	**IPOE/Dynamic/DHCP**

How Do You Set up Your Billion Modem?

1. If there is **no NBN Connection Box** installed, connect the DSL port on the back of your Billion modem to your phone wall socket using a phone cable.
2. If **there is an NBN Connection Box** installed, connect to the WAN/Internet port on the back of your modem to your NBN Connection Box.
3. Connect any of the LAN ports on the back of your modem to your PC (optional)
4. Plug the NBN connection box, if there's any, to the power socket
5. Connect the power port on the back of your modem to your power socket.
6. Ensure the modem is not locked to a specific provider. If it is, contact your provider to unlock it or use an unlocked modem.
7. Perform a factory reset on the modem if needed. Reconnect your devices using the default login credentials, which are typically found on the modem label.
8. Open a web browser and enter the modem's default IP address to configure the modem for IPoE set-up.

How Do You Log Into Your Billion Modem?

To access modem gateway, enter http://192.168.1.254 in the address bar of a web browser. If the IP address does not work or if it has been changed, check your router's IP address. For instructions, click here.

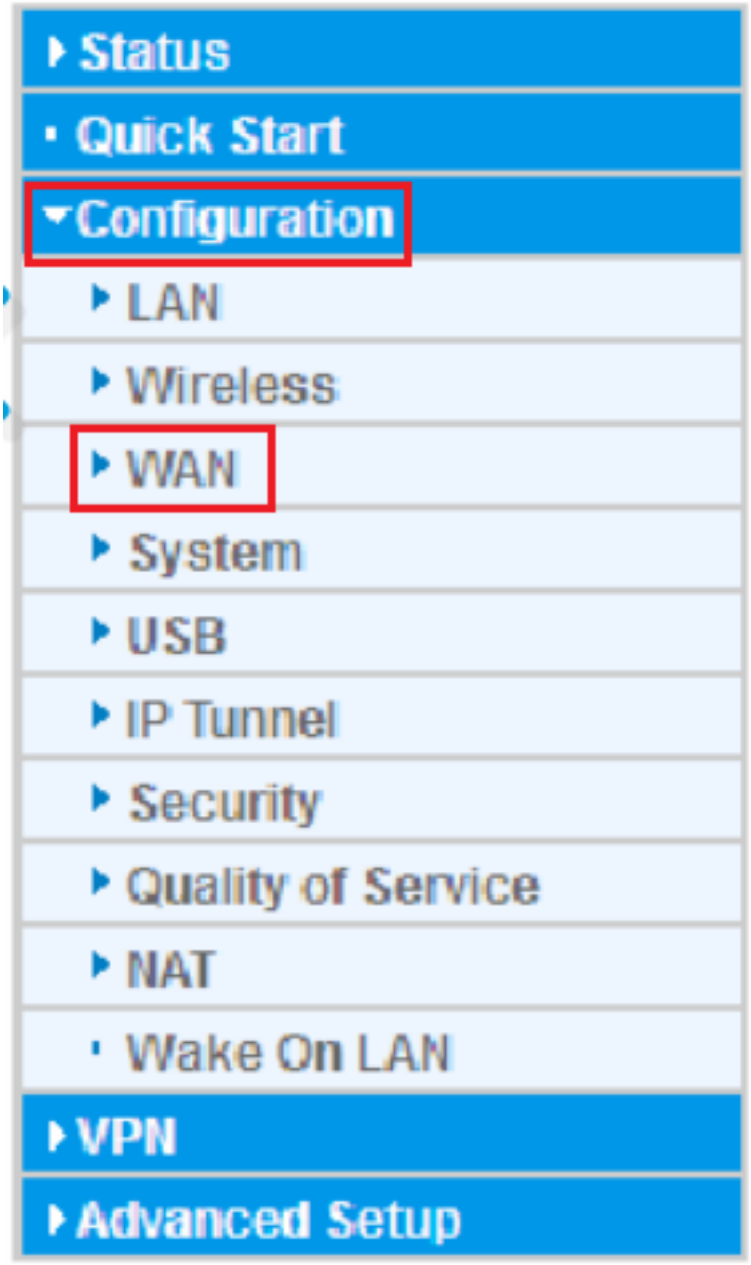


Enter **admin** for both the username and password and click **OK** to login.

If you have changed the login credentials, please enter the current username and password for your modem interface.

Once you have logged on to your Billion Router via your web browser, you can begin to set it up according to your requirements. Follow the steps below to update your ISP credentials.

1. Go to **Configuration** and select **WAN**



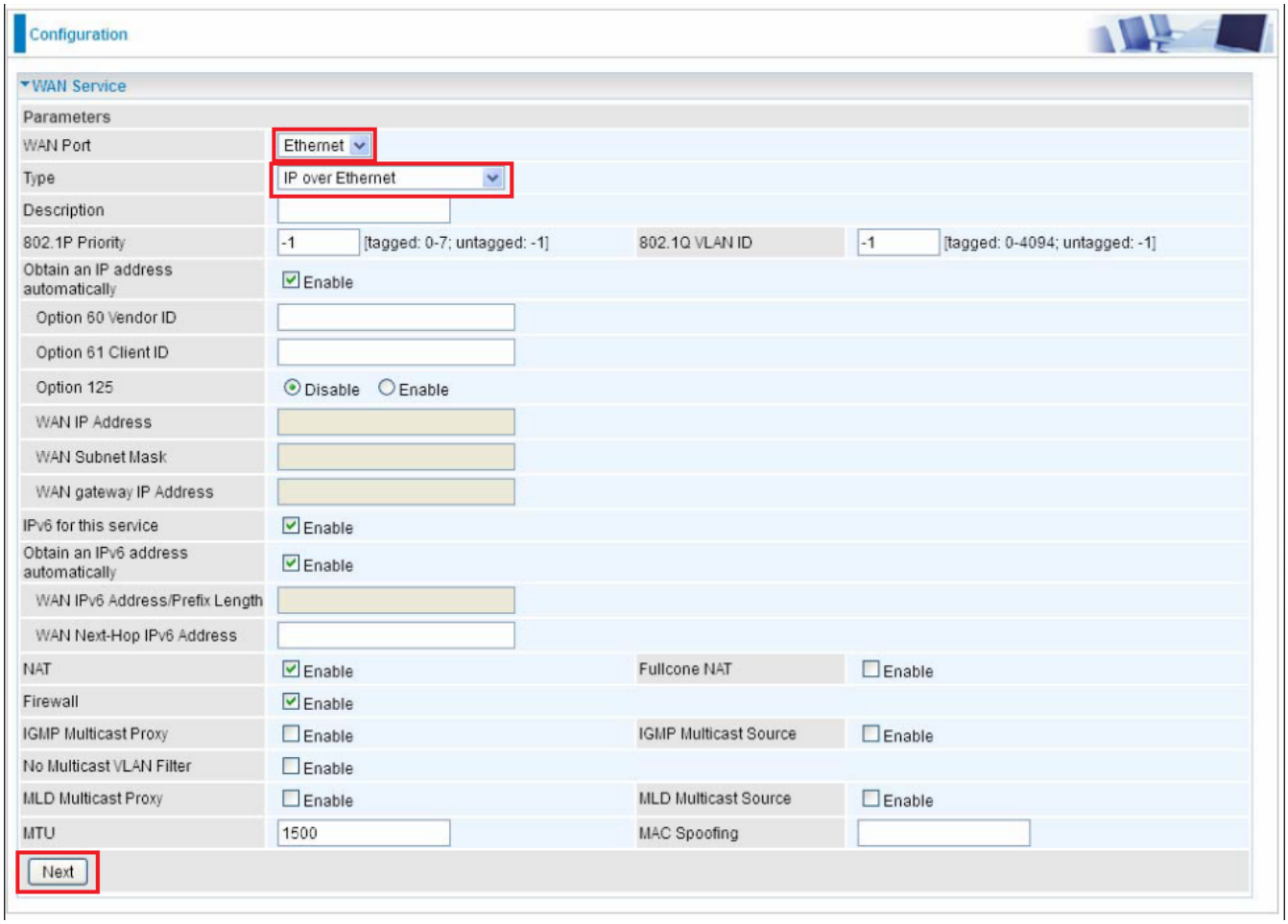
2. If your modem has any existing profiles configured, make sure to remove them to avoid double authentication or connection issues, then click **Add** to create a new WAN service

3. Select the relevant settings depending on your NBN connection type.

For FTTP, FTTC, HFC, and FW

WAN Port: **Ethernet**

Type: **IP over Ethernet**

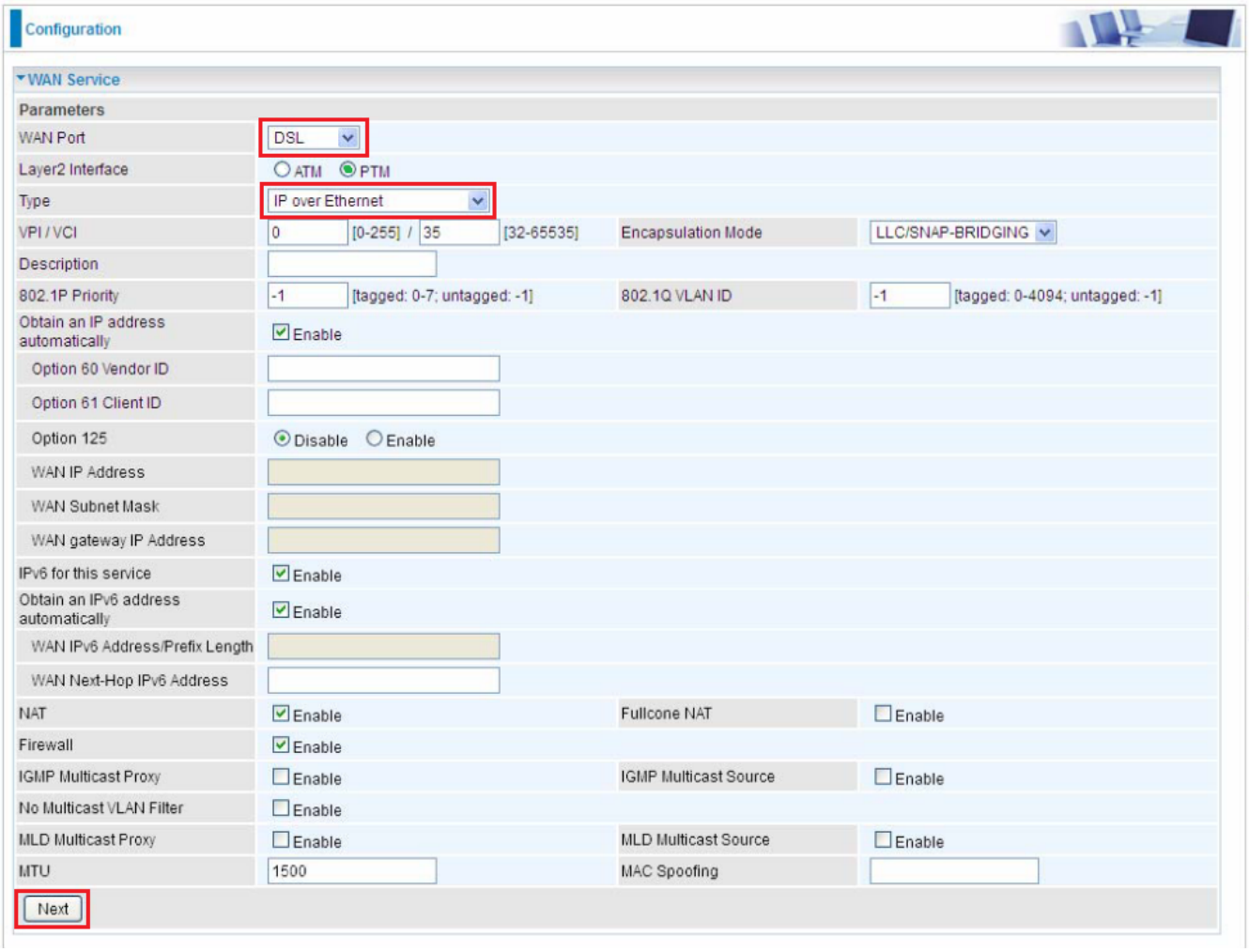


For FTTN/FTTB

WAN Port: **DSL**

Layer2 Interface: **PTM**

Type: IP over **Ethernet**



4. Leave the other settings to their default values and click **Next** to proceed to configure the wireless settings.

5. Once done, click **Continue** to apply. A success page will appear, and you're all set!

Wait 3-5 minutes for the modem to go online, then test the service. Reboot the modem if needed.

Online URL:
https://articles.spintel.net.au/article/configuring-billion-modem-for-spintel-nbn.html