Configure Port Settings on RV016, RV042, RV042G and RV082 VPN Routers

Objective

Port Settings are used to configure the connection settings for each local port. These settings include priority, speed, and duplex on a given port.

The objective of this document is to show you how to help configure the port settings on RV016, RV042, RV042G and RV082 VPN Routers.

Applicable Devices

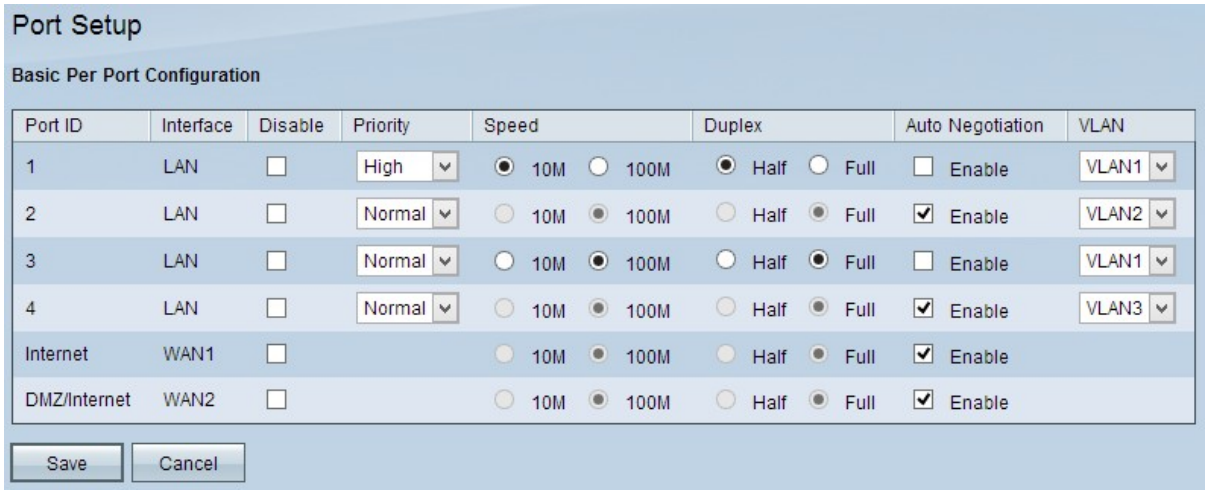
- RV016
- RV042
- RV042G
- RV082

Software Version

- v4.2.2.08

Configure Port Settings

Step 1. Log in to the Router Configuration Utility and choose **Port Management > Port Setup**. The *Port Setup* page opens:



The following read-only information is displayed for each port:

- Port ID — The port number or name, as it is labeled on the device.
- Interface — The interface type: LAN, WAN, or DMZ.

Step 2. Check the **Disable** check box to disable unneeded ports. By default, all ports are enabled.

Step 3. Choose the appropriate priority from the *Priority* drop-down list of the wanted LAN port. This ensures the Quality of Service on particular ports.

- Normal — Represents normal priority.
- High — Represents high priority.

Note: Steps 4 and 5 are only available if you choose not to enable Auto Negotiation on Step 6.

Step 4. Click the appropriate radio button to choose the desired speed for the LAN.

- 10 M — Represents 10 Megabit speed for the port.
- 100 M — Represents 100 Megabit speed for the port.

Step 5. Click the desired radio button to choose the method of communication for the port.

- Half — Represents half duplex. Half duplex allows communication in both directions, but only one device at a time can communicate.
- Full — Represents full duplex. Full duplex allows for two way communication simultaneously.

Step 6. Check the **Auto Negotiation** check box to enable the negotiation speed of the connection and the duplex mode. Auto Negotiation is checked by default.

Step 7. Choose the appropriate VLAN from the *VLAN* drop-down list in order to place the specific LANs on a different VLAN. A Virtual Local Area Network (VLAN) allows devices to be separated into different broadcast domains. By default, all the ports are in VLAN 1.

Step 8. Click **Save** to save the configurations made.