Bandwidth Management Priority Configuration on WRVS4400N Router

Objective

Bandwidth management is the process in which the network traffic is controlled to provide better service for the selected network traffic. Priority which is used to assign priorities to services to control Inbound and Outbound traffic.

This article explains how to manage bandwidth by using rate control feature on a WRVS4000N router.

Applicable Devices

- WRVS4000N Wireless-N Gigabit Security Router

Bandwidth Management Priority on WRVS4400N

Step 1. Using the Router Configuration Utility, choose QoS > Bandwidth Management. The Bandwidth Management page opens:

<table>
<thead>
<tr>
<th>Interface</th>
<th>Upstream (Kbit/Sec)</th>
<th>Downstream (Kbit/Sec)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAN</td>
<td>50000</td>
<td>60000</td>
</tr>
</tbody>
</table>

Step 2. In the Setup section, click the Enable button to enable the bandwidth management feature.

Step 3. Enter the maximum bandwidth provided by your Internet Service Provider (ISP), for both the Upstream and Downstream directions respectively in bandwidth field.

Step 4. In the Bandwidth Management Type section, select the desired type of bandwidth management. In this case, click the Priority radio button.
Step 5. Proceed to configure the following parameters:

• **Type** — Select desired type of bandwidth management type, either Rate Control (default) or Priority. Depending on your selection, the lower portion of the window displays either the rate control section or the priority section.

• **Service** — Choose the service from the drop-down menu. If it does not contain the service you need, click **Service Management** to add the service.

• **Direction** — Choose Upstream for outbound traffic or Downstream for inbound traffic from the drop-down menu.

• **Priority** — Choose High, Medium, Normal, or Low priority for the service. The default is Medium.

• **Enable** — Check **Enable** box to enable this rate control Rule.

• **Add to list** — After a rule is set up, click this button to add it to the list. The list can contain a maximum of 15 entries.

• **Delete selected application** — Click Delete selected application to delete a rule from the list.

Step 6. Click **Save** to apply changes.