

Bandwidth Management on RV215W

Objective

Bandwidth is the rate of data transfer over time. The RV215W allows for the configuration of bandwidth to increase network efficiency through upstream, downstream, and service priority configuration. A service priority is a Quality of Service (QoS) feature that allows the RV215W to prioritize a service such as HTTP or DNS. This is useful to manage bandwidth usage of specific services.

This article shows the user how to manage bandwidth on the RV215W.

Applicable Devices

- RV215W

Software Version

- 1.1.0.5

Bandwidth Management

Step 1. Log in to the web configuration utility and choose **QoS > Bandwidth Management**. The *Bandwidth Management* page opens:

Interface	Upstream (Kbit/Sec)	Downstream (Kbit/Sec)
Ethernet	10240	40960
3G	4096	1024

Enable	Service	Direction	Priority	Interface
<input type="checkbox"/>	All Traffic[All]	Upstream	Low	Both (Ethernet & 3G)

Step 2. Check **Enable** in the Bandwidth Management field to be able to configure bandwidth settings.

Bandwidth Table

Bandwidth

The Maximum Bandwidth provided by ISP

Bandwidth Table		
Interface	Upstream (Kbit/Sec)	Downstream (Kbit/Sec)
Ethernet	<input type="text" value="10240"/>	<input type="text" value="40960"/>
3G	<input type="text" value="4096"/>	<input type="text" value="1024"/>

Step 1. Enter a value for the desired interface in the Upstream (Kbit/Sec) field. This value in Kb/s is the rate at which the RV215W sends data to the interface. This is known as upload speed.

Note: The interface selection is based on whether the RV215W is supplied internet through an Ethernet connection in the WAN port or through a 3G modem in the USB port.

Step 2. Enter a value for the desired interface in the Downstream (Kbit/Sec) field. This value in Kb/s is the rate at which the RV215W receives data from the interface. This is known as download speed.

Note: The maximum bandwidth provided by the connected ISP is displayed in the Bandwidth field.

Step 3. Click **Save**.

Bandwidth Priority Table

Bandwidth Priority Table					
<input type="checkbox"/>	Enable	Service	Direction	Priority	Interface
<input type="checkbox"/>	<input type="checkbox"/>	All Traffic[All]	Upstream	Low	Both (Ethernet & 3G)
Add Row Edit Delete Service Management					

Step 1. Click **Add Row** to add a new service priority.

Step 2. Check **Enable** to enable the service priority.

Step 3. From the Service drop-down list choose a service to prioritize.

Note: Click **Service Management** to add, edit, or delete a service.

Step 4. From the Direction drop-down list choose the direction at which the traffic is to be prioritized.

Step 5. From the Priority drop-down list choose a priority level for the specified service priority.

Step 6. From the Interface drop-down list choose the interface to which the service priority applies to.

Step 7. Click **Save**.