

# View the Wide Area Network (WAN) Quality of Service (QoS) Statistics on the RV34x Series Router

## Objective

The Wide Area Network (WAN) Quality of Service (QoS) statistics is a useful tool in troubleshooting problems on the network depending on the direction of the traffic on an interface.

The Quality of Service (QoS) allows you to prioritize traffic for different applications, users, or data flows. It can also be used to guarantee performance to a specified level, thus, affecting the QoS of the client. QoS is generally affected by the following factors: jitter, latency, and packet loss.

This article explains how to view the Inbound and Outbound WAN QoS Statistics on the Rv34x Series Router.

## Applicable Devices

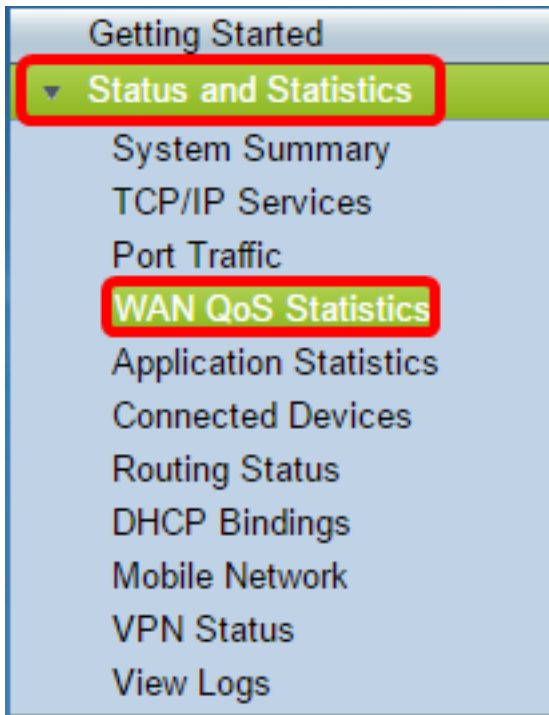
- RV34x Series

## Software Version

- 1.0.01.16

## Perform Diagnosis

Step 1. Log in to the web-based utility of the router and choose **Status and Statistics > WAN QoS Statistics**.



Step 2. From the Interface drop-down menu, choose an interface to view the WAN QoS. The options are:

- WAN1 — WAN port 1 interface
- WAN2 — WAN port 2 interface
- USB1 — USB port 1 interface
- USB2 — USB port 2 interface

**Note:** In this example, WAN1 is chosen.

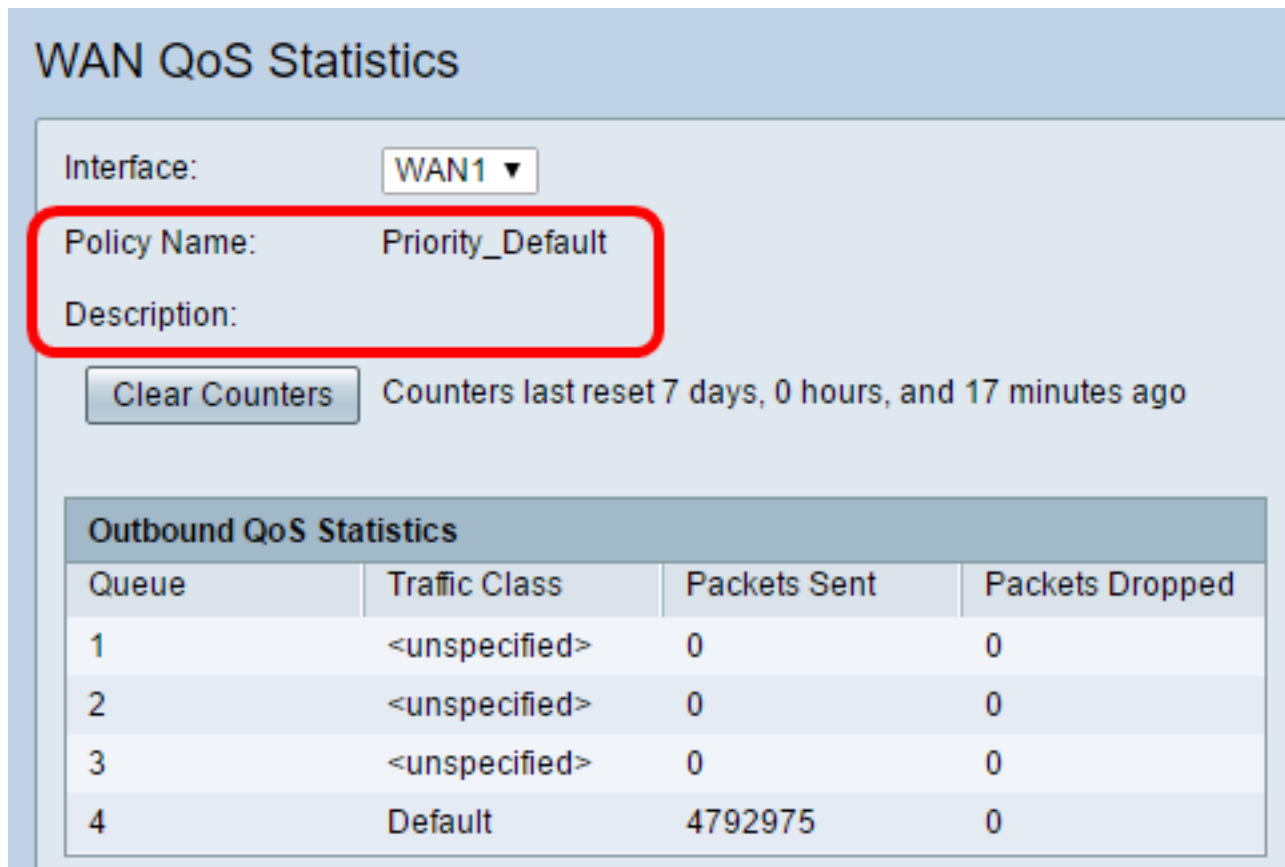
A screenshot of the 'WAN QoS Statistics' page. The page has a light blue header with the title 'WAN QoS Statistics'. Below the header, there are several fields: 'Interface:' with a dropdown menu showing 'WAN1' selected, 'Policy Name:' with a text input field containing 'WAN1', and 'Description:' with a text input field containing 'WAN2 fault'. Below these fields is a 'Clear Counters' button and a message: 'Counters last reset 7 days, 0 hours, and 17 minutes ago'. At the bottom of the page is a table titled 'Outbound QoS Statistics' with the following data:

Queue	Traffic Class	Packets Sent	Packets Dropped
1	<unspecified>	0	0
2	<unspecified>	0	0
3	<unspecified>	0	0
4	Default	4792975	0

Step 3. The Policy Name area specifies which QoS policy is applied to the interface chosen

and the description of the Policy name.

**Note:** In this example, Priority\_Default is the name of the policy and the description is blank.



**WAN QoS Statistics**

Interface: WAN1 ▼

Policy Name: Priority\_Default

Description:

Counters last reset 7 days, 0 hours, and 17 minutes ago

Outbound QoS Statistics			
Queue	Traffic Class	Packets Sent	Packets Dropped
1	<unspecified>	0	0
2	<unspecified>	0	0
3	<unspecified>	0	0
4	Default	4792975	0

Step 4. (Optional) Click the **Clear Counters** button to clear and reset the Outbound and Inbound QoS Statistics.

## WAN QoS Statistics

Interface: WAN1 ▼

Policy Name: Priority\_Default

Description:

**Clear Counters**

Counters last reset 7 days, 0 hours, and 17 minutes ago

### Outbound QoS Statistics

Queue	Traffic Class	Packets Sent	Packets Dropped
1	<unspecified>	0	0
2	<unspecified>	0	0
3	<unspecified>	0	0
4	Default	4792975	0

In the Outbound QoS Statistics table, the following columns are described:

## WAN QoS Statistics

Interface: WAN1 ▼

Policy Name: Priority\_Default

Description:

Clear Counters

Counters last reset 7 days, 0 hours, and 17 minutes ago

### Outbound QoS Statistics

Queue	Traffic Class	Packets Sent	Packets Dropped
1	<unspecified>	0	0
2	<unspecified>	0	0
3	<unspecified>	0	0
4	Default	4792975	0

- Queue — The number of outbound queues.
- Traffic Class — The name of the traffic class assigned to the queue.
- Packets Sent — The number of outbound packets of the traffic class sent.

- Packets dropped — The number of outbound packets dropped.

**Note:** In this example, the fourth outbound queue with the Default Traffic Class has sent 4792975 packets and has dropped 0 packets.

In the Inbound QoS Statistics table, the following columns are described:

Inbound QoS Statistics			
Queue	Traffic Class	Packets Sent	Packets Dropped
1	<unspecified>	0	0
2	<unspecified>	0	0
3	<unspecified>	0	0
4	<unspecified>	0	0
5	<unspecified>	0	0
6	<unspecified>	0	0
7	<unspecified>	0	0
8	Default	0	0

- Queue — The number of inbound queues.
- Traffic Class — The name of the traffic class assigned to the queue.
- Packets Sent — The number of inbound packets of the traffic class sent.
- Packets dropped — The number of inbound packets dropped.

**Note:** In this example, the eighth queue with the Default traffic class has sent 0 packets and dropped 0 packets.

You should now have successfully viewed the WAN QoS Statistics on the RV34x Series Router.