Configuration of Quality of Service (QoS) Queue on 200/300 Series Managed Switches

Objective

The Quality of Service (QoS) of a network device controls the priority of outgoing traffic. When traffic congestion occurs, QoS determines which queue is sent first and which ones can be dropped.

The objective of this document is to explain how to configure QoS Queue on the 200 and 300 Series Managed Switches
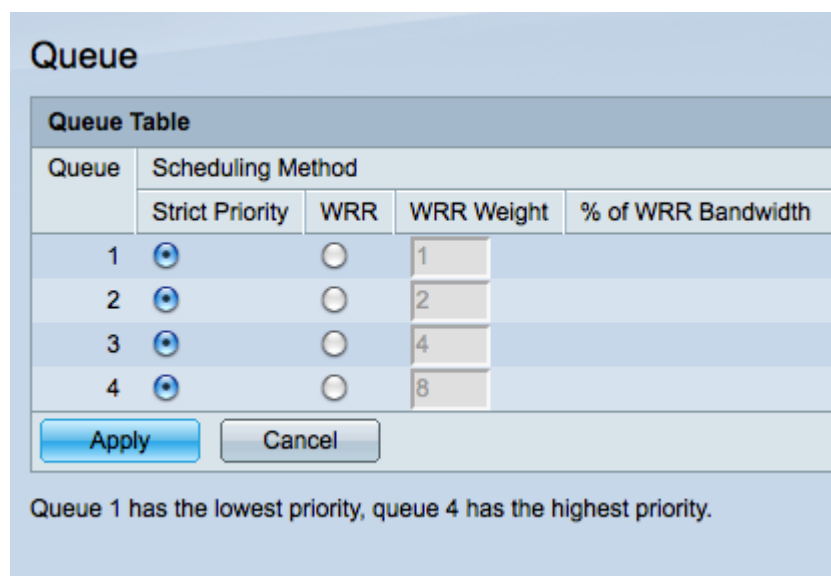
Applicable Devices

• SF/SG 200 and SF/SG 300 Series Managed Switches

Software Version

• 1.3.0.62

Configuration of QoS Queue

Step 1. Log in to the web configuration utility and choose **Quality Of Service > General > Queue**. The *Queue* page opens:

• Queue — Each interface has four queues, from 1 to 4.

• Scheduling Method — Determines how the priority is set.

– Strict Priority — Traffic is transmitted by the highest-priority queue first. Queue number 4 has the highest priority and queue number 1 has the lowest.

– WRR (Weighted Round Robin) — Traffic is sent proportional to the weight of the queue. The higher the weight of the queue, the more traffic is sent (queue number 4 is the

highest).

– WRR Weight — Only enter a WRR weight if WRR is selected.

– % of WRR Bandwidth — Represents the percent of the WRR weight and shows the amount of bandwidth assigned to the queue.

Step 2. Click the appropriate radio button to define the priority of each queue.

Note: You can use both Strict Priority for the higher queues and WRR for the lower queues. All traffic in a Strict Priority queue will be sent before traffic in a queue under WRR is sent.

Step 3. Click **Apply** to save the settings or click **Cancel** to cancel the changes.