

How to set port speed limits on an access switch



Overview

To set rate limits for incoming and outgoing traffic on a port: 1. Open a web browser from a computer that is connected to the same network as the switch, or connected directly to the switch through an Ethernet cable. Configuring Port settings allows you to set the global and per port setting of all the switch ports. When traffic exceeds the configured limit, it is dropped. More specifically, the command is `srr-queue`. Gigabit Ethernet Plus Switches Manage individual port settings For each individual port, you can set the port priority, set rate limits for incoming and outgoing traffic, set the port speed (by default, the speed is set automatically), enable flow control, and change the port name label.

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You can check the port speed on a Cisco network switch from its command-line interface (CLI) by logging into the switch and then issuing the show interface command.



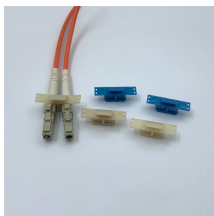
Scenario: Ixia1 DGS-1510 ----- Ixia2 (Traffic generator 1) Ixia1 continually sends packets to 1G full speed (about 760000Kbps) to Ixia2, but we hope which was receiving Ixia2 these packages ...



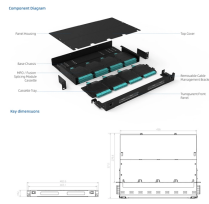
To do so, go to Interface Configuration Mode on the switch port, and apply the srr-queue bandwidth limit command. Here's an example: The 90 sets the outbound bandwidth limit on the port...



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I have to setup a 100Mbit limit to the internal cables / ports but we would like to use the better speed to the external provider's direction. (We had problems when we allowed higher speeds ...



Under Port Rate Limit, select the port or ports you want to modify and click Edit. Set the value of Limit to Traffic by Category if you prefer to set individual limitations.



If you already configured QoS on your switch, follow these instructions to manually configure port-based rate limiting. In rate limits control how quickly network traffic is allowed to arrive ...



Auto-negotiation determines the port speed and duplex setting for each port (except 10 and 40 Gbps ports). You can manually configure the duplex setting and the speed of 10/100/1000 Mbps ports.



Configuring Port settings allows you to set the global and per port setting of all the switch ports. Most of the time, the switch and the network device connected to it automatically negotiate ...

Contact Us

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