

Access switch port speed limiting



Overview

Use the `srr-queue bandwidth` command on Cisco switches. You use it as a percentage of a port's speed. So if you set the port speed to 100Mb, then set it to 10% to get 10Mb, or if you want to limit a port to 1Mb, set the port to a 10Mb speed and set the speed to just 10%. UniFi offers advanced Quality of Service (QoS) and Traffic Shaping tools that let you prioritize critical applications and limit nonessential traffic, helping ensure optimal performance across all connected devices. If you're deploying A/V equipment and want to use pre-configured Port Profiles for. You can limit the bandwidth on an egress port. Smart. Port rate limiting helps control undesirable traffic. Its purpose is to allow enough unicast, broadcast, multicast, and ICMP traffic for the network to function properly, while preventing flooding and traffic storms.



Article Content

Nov 27, 2025

how to limit download and upload bandwidth on cisco switch port

You can limit the bandwidth on an egress port. For example, if a customer pays only for a small percentage of a high-speed link, you can limit the bandwidth to that amount.

Apr 08, 2026

Ethernet Switch: Port speed limits stop single devices hogging

January 31, 2026 Ethernet Switch: Port speed limits stop single devices hogging bandwidth. Ethernet Switch Port Speed Limiting Techniques: Practical Methods to Prevent Single Devices from

Aug 17, 2025

Bandwidth Limit on Switch Port

On the port where you want to limit . . . Bandwidth Limit Configuration: In order to limit maximum output on a port, configure the srr-queue bandwidth limit interface configuration command.

Sep 28, 2025

Port Speed vs Access Speed

Discover the network's Speed Port differences:-Access Speed vs. Port Speed, and their impact on data transmission and costs.

Jun 24, 2026

Easy Smart

Port 02-16 (internal office LAN ports) : 100 Mbit/s (limited to slower speed) The mentioned switch and "Easy Smart" allows you to limit the speed of the ports in two ways.

Apr 01, 2026

Cisco catalyst 2960 switch port bandwidth limit

I need help to set/limit bandwidth in a Cisco catalyst 2960/2950 switch. My objective is to limit bandwidth for fa0/1 to 256kbps and for fa0/2 128kbps.

Mar 05, 2026

Bandwidth limiting switch?

Hi All, I'm in need of a switch to limit bandwidth to users for access to my internet pipes. This is for an ISP I have where I need to cap the max bandwidth each user can get while there are

Apr 25, 2026

Configure Port Settings to Optimize Traffic Flow on a Switch

These include adjusting the capabilities that are advertised on each port, the port speed, the duplex mode, and flow control. In addition, the ability to enable jumbo frames (which are 9 KB in size) for all

Jul 02, 2025

Limit bandwidth on a Cisco Catalyst switch port

Why should you limit bandwidth? There are a number of reasons for limiting bandwidth on a Cisco switch Ethernet port. (Of course, the port speed of the switch port always poses an ultimate

Jul 10, 2025

Configuring Switch Port Speed and Duplex Setting

Autonegotiation 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.

Apr 03, 2026

Port rate limiting

Port rate limiting helps control undesirable traffic. Its purpose is to allow enough unicast, broadcast, multicast, and ICMP traffic for the network to function properly, while preventing flooding and traffic

Dec 04, 2025

Speed limiting network switch

We're just about to upgrade to a 100 Meg line (live in 2 weeks) and need a switch capable of limiting the speeds of the firewalls connected. I can manage ours but the customers

Nov 10, 2025

Cisco 3650 Port Speed Limiting

Cisco catalyst 2960 switch port bandwidth limit Networking discussion, general-networking 10 850 June 28, 2010 Rate Limit on Cisco 3650 Networking discussion, cisco 5 855

Mar 06, 2026

Easy Smart

(We had problems when we allowed higher speeds at the internal cable ends.) I have inserted an "Easy Smart" switch after the provider's modem/router, the TL-SG1016DE, which can

Mar 04, 2026

What is the easiest way to limit the speed on Lan-ports?

Use a managed switch with port-based rate limiting and DSCP-aware QoS. This gives you the control you want, without interfering with real-time traffic

Mar 01, 2026

Configuring Port Rate Limit on AOS-Switches in UI Groups

Configuring Port Rate Limit on AOS-Switch esin UI Groups Rate limiting allows allocating a specific bandwidth for the incoming and outgoing traffic from each port.

Jul 18, 2025

Ethernet Switch: Port speed limits stop single devices hogging

This article will provide an in-depth analysis of the technical principles and practical techniques of Ethernet switch port speed limiting to help enterprises build stable and efficient

Nov 12, 2025

Configuring Port Rate Limit on AOS-S Switches

Percentage limits are based on link speed. For example, if a 100 Mbps port negotiates a link at 100 Mbps and the inbound rate-limit is configured at 50%, then the traffic flow through that port is limited

Nov 03, 2025

Limit port speed to 50Mbps | Switching

Limit port speed to 50Mbps Archived User 06-10-2011 14:36 Is there a way to limit port speed to 50 Mbps on EX4200? For rate limiting you will use the "Firewall Filter" feature. These are not stateful

Jan 31, 2026

UniFi QoS and Traffic Shaping - Ubiquiti Help Center

If you're deploying A/V equipment and want to use pre-configured Port Profiles for Dante, Q-SYS, SDVoE, and other AV systems, refer to our guide on Pro AV

Mar 21, 2026

What is port-based rate limiting and how do I configure it on my

Port-based rate limiting allows you to limit the speed at which network traffic is sent or received by a device that is connected to a port on your switch. Unlike 802.1p Quality of Service

Sep 25, 2025

Extreme Networks 300-48 Configuring Switch Port Speed and Duplex ...

By default, the ports autonegotiate port speed. You can also configure each port for a particular speed (either 10 Mbps or 100 Mbps). All ports on a stand-alone switch can be configured for half-duplex or

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Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Aug 12, 2025

Limit bandwidth on a Cisco Catalyst switch port

A TechRepublic reader recently e-mailed me to ask about limiting the bandwidth on a Cisco Catalyst switch port. In fact, there are a number of uses for this configuration. Let's take a

Dec 31, 2025

QoS: Ingress Rate Limiting

Ingress rate limiting restricts the speed of traffic from a particular device to the switch port. On switches in AG mode, you must configure ingress rate limiting on F_Ports. For more information and

Jan 26, 2026

Switch Interface Rate Limiting

Hello, In a catalyst switch (WS-C3750X-48P) we have the following configurations:
#show run interface g1/0/27 Building configuration... Current configuration : 155 bytes ! interface GigabitEthernet1/0/27

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For more information, pricing, or custom solutions, please contact us:

Website: <https://www.moletenare-ew.co.za>

Email: info@moletenare-ew.co.za

Phone: +86 138 1658 3346

Address: Ningbo, China

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