

Juniper Core Switch Mirror Port



Overview

In the UI go to Switches > List > Click in the switch name > Port Mirroring > Check "Override Site/Template Settings" > Add Port Mirror > Configure a name under "Port Analyzer Name" > Add Inputs > Select Network > Output (select output interface or VLAN) > save > Save. Port mirroring can be used for traffic analysis on routers and switches that, unlike hubs, do not broadcast packets to every port on the destination device. Port mirroring sends copies of all packets or policy-based sample packets to local or remote analyzers where you can monitor and analyze the. On routers containing an Internet Processor II application-specific integrated circuit (ASIC) or T Series Internet Processor, port mirroring copies Unicast packets entering or exiting a port or entering a VLAN and sends those copies to a local interface for local monitoring or to a VLAN for remote. Juniper (Gen 2) - Understanding Port Mirroring and Analyzers on EX2300, EX3400, and EX4300 Switches Juniper (Gen 1) - Understanding Port Mirroring on EX2200, EX3200, EX3300, EX4200, EX4500, EX4550, EX6200, and EX8200 Series Switches Juniper - Configuring Mirroring on EX4300 Switches to Analyze. Port mirroring on SRX Series Firewalls uses family any to transfer the mirror-to port information to the Packet Forwarding Engine (PFE). You can configure an instance clause to specify multiple mirror-to ports. To. Port mirroring is the ability of a router to send a copy of a packet to an external host address or a packet analyzer for analysis. A next-hop group can then be configured to forward copies of this duplicate packet to. On an MX Series router and on an EX Series switch, you can mirror traffic to multiple destinations by configuring next-hop groups in Layer 2 port-mirroring firewall filters applied to tunnel interfaces.

Article Content

Hot

How to configure port mirroring on SRX high-end devices

Both the mirrored port and mirror-to port must be physical ports The device will insert a 4-byte VLAN tag (0x0001) in the egress mirrored packets. Side-effect: when the switch exists between

Jul 12, 2025 Hot

Configuring Port Mirroring for Remote Destinations | Junos OS | Juniper ...

Layer 2 Port Mirroring to Remote Destination by Using Destination as VLAN You configure port mirroring on an EX9200 switch to send copies of traffic to an output destination, such as an interface, a routing

May 18, 2026 Hot

Configuring Port Mirroring for Multiple Destinations

Understanding Layer 2 Port Mirroring to Multiple Destinations Using Next-Hop Groups On an MX Series router and on an EX Series switch, you can

Aug 04, 2025 Hot

Configuring Port Mirroring Instances | Junos OS | Juniper Networks

Layer 2 Port Mirroring Global Instance On an MX Series router and on an EX Series switch, you can configure a set of port-mirroring properties that implicitly apply to packets received on all ports in the

Nov 16, 2025 Hot

Example: Configuring Port Mirroring for Local ...

Example: Configuring Port Mirroring for Local Monitoring of Employee Resource Use on EX Series Switches EX Series switches allow you to configure port mirroring to send copies of

Apr 29, 2026 Hot

Juniper EX Switch Port Mirroring

In this blog post, we will look at how to set up port mirroring on Juniper EX switches. The goal is to mirror all the traffic coming in and going out of one

Nov 22, 2025 Hot

Port Mirroring and Analyzers | Junos OS | Juniper Networks

Port mirroring is needed when you want to perform traffic analysis because a switch normally sends packets only to the port to which the destination device is connected.

May 02, 2026 Hot

Microsoft Word

Switches that support port mirroring (SPAN) are typically capable of supporting multiple mirror sessions with little or no affect on their performance. This guide captures the steps required to configure port

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Configuring Port Mirroring for Multiple Destinations

On an MX Series router and on an EX Series switch, you can mirror traffic to multiple destinations by configuring next-hop groups in Layer 2 port

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Note: On EX Series switches, when you disable any interface in a remote port mirroring VLAN, you will need to re-enable the disabled interface and reconfigure the analyzer session to resume port mirroring.

May 26, 2026 Hot

Port Mirroring in Junos

Port mirroring supports traffic on physical switch ports, VLANs, or a sample of packets (defined using a firewall filter). We can mirror traffic to a physical

Nov 30, 2025 Hot

EX Switch Remote Port Mirror for analyzing network traffic

Description This article provides a method for configuring port-mirroring across multiple EX Switches (equivalent term - RSPAN - Remote Switched Port Analyzer)
Symptoms Solution

Apr 10, 2026 Hot

1:N Port Mirroring to Multiple Destinations on Switches

You can use the port mirroring feature described in this document to mirror traffic to multiple Layer 2 destinations.

Nov 27, 2025 Hot

Port Mirroring in Junos

To quickly configure local port mirroring for ingress traffic to the two ports connected to employee computers, copy the following commands and paste them into a

Nov 05, 2025 Hot

How to configure port mirroring

Port Mirror configuration in Mist UI. How to configure port mirroring in Mist UI. Please follow below steps:

Dec 31, 2025 Hot

Juniper Networks

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

Feb 09, 2026 Hot

Configuring Port Mirroring | Junos OS | Juniper Networks

Port Mirroring Configuration Guidelines When configuring port mirroring, the following restrictions apply: Only transit data is supported. The port mirror output interface MTU value should be big enough to

Jan 01, 2026 Hot

Enable Port Mirroring | Mist | Juniper Networks

You can set up port mirroring for ingress and/or egress traffic on any interface on the switch (except those identified below), as well as for ingress traffic on a VLAN (network, in the

Nov 10, 2025 Hot

Sample configuration of port mirroring on ACX Series (JUNOS EVO)

This KB explains the Port Mirroring feature on ACX series routers for models running JUNOS EVO. It includes a sample configuration and CLI show commands to confirm the working

Sep 20, 2025 Hot

How to do port mirroring on J-series and SRX branch devices

The following is a sample configuration for port mirroring. In this example, a copy of the traffic that that comes into or goes out of the ge-0/0/0 interface can be sent to a monitoring system

Oct 18, 2025 Hot

Configuring Port Mirroring Local and Remote Analysis

Configuring Port Mirroring You use port mirroring to copy packets and send the copies to a device running an application such as a network analyzer or intrusion

Feb 14, 2026 Hot

Configuring Port Mirroring for Remote Destinations

Layer 2 Port Mirroring to Remote Destination by Using Destination as VLAN You configure port mirroring on an EX9200 switch to send copies of traffic to an output

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Article Detail

Description This article provides information on how to create many-to-many port mirroring sessions on EX2200, EX3200, EX3300 and EX4200 switches.

Mar 20, 2026 Hot

Example: Configuring port mirroring on MX devices

This article explains how to configure port mirroring on MX devices with the help of an example. For basic port mirroring configuration steps, refer also to Configuring Port Mirroring on M, T

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Configuring Port Mirroring and Analyzers

Port mirroring can be used for traffic analysis on routers and switches that, unlike hubs, do not broadcast packets to every port on the destination device. Port

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Configuring Port Mirroring on Physical Interfaces | Junos OS | Juniper ...

On an MX Series router and on an EX Series switch, you can bind a named instance of Layer 2 port mirroring to a specific DPC or to a specific FPC in the router (or switch) chassis. This is known as

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