

Juniper Core Switch Mirror Port



Overview

This article explains how to configure port mirroring on MX devices with the help of an example. 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. This section describes how port mirroring sends network traffic to analyzer applications. An analyzer copies bridged (Layer 2) packets to an. 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. If a DPC or FPC is bound to a named instance of port mirroring, those port mirroring properties apply to all ports associated with that DPC or FPC, overriding any port mirroring properties bound at the chassis level. For ELS details, see Using the Enhanced Layer 2 Software CLI. See Feature Explorer for the latest list of supported platforms and Junos releases that support port mirroring.

Article Content

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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 router (or switch) chassis.

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Configuring Port Mirroring and Analyzers

This topic includes two examples that describe how to mirror traffic entering ports on the switch to a destination interface on the same switch (local mirroring).

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 interface, VLAN, or routing-instance.

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Port mirroring is the ability of a router to send a copy of an IPv4 or IPv6 packet to an external host address or a packet analyzer for analysis. See Feature Explorer for the latest list of supported ...

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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 ...

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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 ...

Juniperus communis (Common Juniper)

Juniperus communis (Common Juniper) Common Juniper, Juniper, Juniperus intermedia Possibly the most widely distributed tree in the world, Juniperus communis (Common Juniper) is an evergreen ...

Port Mirroring in Junos

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 ...

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 Local and Remote Analysis

You can mirror traffic entering or exiting a port or entering a VLAN, and you can send the copies to a local access interface or to a VLAN through a trunk interface. We recommend that you disable port ...

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 terminology of Mist ...

SPECIES: Juniperus communis

Common juniper is possibly the most widely distributed tree in the world . This circumboreal species occurs across North America, Europe, northern Asia and Japan [78, 88]. Common juniper is almost ...

Port Mirroring and Analyzers | Junos OS | Juniper Networks

Port mirroring is used for traffic analysis on a switch because a switch, unlike a hub, does not broadcast packets to every port on the destination device. The switch sends packets only to the port to which ...

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