

Huawei Switch Optical Port Mirroring



Overview

HUAWEI S Series Switch-Configure Port Mirroring explains the usage scenarios and configuration methods of port mirroring. For more information about mirroring, visit <https://info.huawei.com/en/solutions/enterprise-network/solutions-network-switch/port-mirroring>. In local port mirroring, an observing port is directly connected to a monitoring device and directly forwards the packets copied from a mirrored port to the monitoring device for fault location and service monitoring. Depending on the observing port type, port mirroring is classified into local port mirroring and Layer 2 remote port mirroring. All views After observing ports are configured using the observe-port (local observing port) or observe-port (remote observing port) command in the system view, you can run the display observe-port command to check detailed. Use the command display transceiver to view the optical module information of all optical ports, and use the command display transceiver interface interface-type interface-number to view the optical module information of a specific optical port.



Article Content

Mar 13, 2026

Huawei: How to configure local port mirroring

This article describes how to configure a local port mirroring of a port. This feature is called observing port by Huawei.

Apr 24, 2026

Example for Configuring Local Port Mirroring (N:1 Mirroring)

S600-E Series Switches Typical Configuration Examples Example for Configuring Local Port Mirroring (N:1 Mirroring) N:1 Mirroring Overview In N:1 mirroring, packets on N mirrored ports

Sep 06, 2025

Huawei routers Switching Basics

This video combines theories with practice, helping you learn about the principles and basic configurations of Ethernet interface mirroring and link aggregation.

Nov 14, 2025

01-04 MIRRORING CONFIGURATION

When flow mirroring, port mirroring, and VLAN mirroring are configured simultaneously on a device to mirror packets to different observing ports, the priorities are as follows: flow mirroring > port mirroring

Dec 29, 2025

Configuring the Mirroring Mode

Verifying the Configuration # Run the display port-mirroring command to view the mirroring configuration. The following is a sample command output. <HUAWEI> display ...

Mar 21, 2026

HUAWEI S Series Switch-Configure Port Mirroring

HUAWEI S Series Switch-Configure Port Mirroring explains the usage scenarios and configuration methods of port mirroring.

Nov 26, 2025

Huawei switches: switch port mirroring technology

Mirroring refers to copying a copy of packets passing through a designated port (source port or mirroring port) to another designated port (destination port or observing port).

Oct 19, 2025

Example for Configuring Layer 2 Remote Port Mirroring

In Layer 2 remote port mirroring, an observing port is connected to a monitoring device through a Layer 2 network. After the observing port receives mirrored packets from a mirrored port, the observing port

Feb 08, 2026

Mirroring Configuration Commands

After observing ports and mirrored ports are configured on the switch, you can run the display port-mirroring command to check detailed mirroring configuration on the switch.

Mar 07, 2026

Port Mirroring

In port mirroring, packets passing through mirrored ports are copied and then sent to specified observing ports for analysis and monitoring. There are two types of port mirroring: local port mirroring and

Oct 15, 2025

Huawei | Local Port Mirroring

What Is Port Mirroring?Port mirroring is used on a network switch or a router to send a copy of network packets seen on the specified ports (source ports) to other specified ports

Jul 27, 2025

Huawei Switches Viewing Optical Port Receiving and Sending

Use the command display transceiver to view the optical module information of all optical ports, and use the command display transceiver interface interface-type interface-number to view the

Jan 31, 2026

Example for Configuring Local Port Mirroring (1:1 Mirroring)

Example for Configuring Local Port Mirroring (1:1 Mirroring) Local Port Mirroring Overview In local port mirroring, an observing port is directly connected to a monitoring device and directly

Aug 05, 2025

Huawei: What type of port mirroring configuration are available?

This article shows the different port mirroring options of Huawei switches, each with a simple configuration example

Mar 19, 2026

Example for Configuring Local Port Mirroring

CloudEngine 16800, 12800, 9800, 8800, 7800, 6800, and 5800 Series Switches
Typical Configuration Examples (V100 and V200) Example for Configuring Local Port Mirroring Applicable

Apr 12, 2026

(Video) Configuring Port Mirroring on S Series Switches

Introduces the application scenarios and configuration method of port mirroring and shows how to use the commonly used packet analysis software to mirror packets.

Aug 28, 2025

01-09 MIRRORING CONFIGURATION

Mirroring sends a copy of the traffic through an observing port on a switch to a monitoring device for service analysis, without affecting the processing of original traffic on the source.

Feb 05, 2026

How Do I Configure Port Mirroring?

CloudEngine 16800, 12800, 9800, 8800, 7800, 6800, and 5800 Series Switches
Troubleshooting Guide (V100 and V200) How Do I Configure Port Mirroring? Perform the following

Jun 15, 2026

What Is Mirroring? How Does Port Mirroring Work?

What Is Mirroring? Mirroring allows packets from a specified source to be copied to a destination port without affecting packet processing on a network

Sep 04, 2025

Configuring Port Mirroring

Configuring Local Port Mirroring Context In local port mirroring, an observing port is directly connected to a monitoring device and directly forwards the packets copied from a mirrored port to the

Contact Us

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