

Huawei Switch Optical Interface Mirroring



Overview

Mirroring is a basic feature of a switch and is not under license control. All models of S12700 and S12700E series switches support mirroring. The display observe-port command displays the observing port configuration. display observe-port All views 1: Monitoring level 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. 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. You must dedicate observing ports for mirroring use and do not configure other. Traffic mirroring rules can be configured using Modular QoS Command-Line Interface (MQC) and ACL. Using ACL: It is easy to configure. Mirroring is a function used to copy (or mirror) traffic received or sent (or both) on a specified source (known as a mirrored source) to a destination port (known as an observing port) for analysis. Copied packets are known as mirrored packets. For a quick analysis. Huawei switch is configured with local mirror ports and remote mirror ports, Programmer Sought, the best programmer technical posts sharing site.

Article Content

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

Configure Port Mirroring on Huawei NetEngine Series

Configure Port Mirroring on Huawei NetEngine Series Routers Option1: If the current line cards installed support your PC/laptop's 1GE UTP port, then you can install

Huawei CloudEngine S6730-S-V2 Series Switches Datasheet

Huawei CloudEngine S6730-S-V2 Series Switches Datasheet Huawei CloudEngine S6730-S-V2 switches are next-generation enterprise-class access switches that provide 10GE downlink ports and

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.

Brief configuration instructions for Huawei switch mirroring

Use system-view to enter the configuration mode, and pay attention to the changes of the following mark position symbols. Enter system view, return user view with Ctrl+Z. After the operation is complete,

display port-mirroring

This document lists all the commands for configuring and maintaining the CX910, CX911 and CX913 switch modules (switch modules for short) of the Tecal E9000. By reading this document, you can

Typical Mirroring Configuration

Both physical interfaces and Eth-Trunks can be configured as mirrored ports. If an Eth-Trunk is configured as a mirrored port, its member ports cannot be configured as observing ports. For the

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.

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

S600-E Series Switches Typical Configuration Examples

Example for Configuring Layer 2 Remote Port Mirroring Layer 2 Remote Port Mirroring Overview In Layer 2 remote port mirroring, an observing port is connected to a monitoring device

Example for Configuring Local Port Mirroring

Example for Configuring Local Port Mirroring Applicable Products and Versions This example applies to all models and versions. For details about the mapping between software

How Do I Configure Port Mirroring?

Basic Configurations - Web Interface Management - Interface in Error-Down State Interface Management - Optical Module Interface Management - Interface Split Interface

Huawei S3700, S5700 and S6700 Firmware & Software Download-Huawei

S3700& S5700& S6700 Series: Access the latest firmware, download and update.

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

Example for Configuring Local Port Mirroring (N:1 Mirroring) N:1 Mirroring Overview In N:1 mirroring, packets on N mirrored ports are copied to one observing port so that packets on different

Configure Port Mirroring on Huawei NetEngine Series

Option1: If the current line cards installed support your PC/laptop's 1GE UTP port, then you can install SFP-1000BaseT(SFP-T) transceiver directly to be used as

Sx300 Series Switches Typical Configuration Examples (V200)

In this situation, the Layer 2 remote observing port does not need to be added to the specified VLAN. All Huawei switch models except S2300-SI running V100R006C05 support Layer 2 remote port mirroring.

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

Huawei Device Port Mirroring Configuration Guide: From ...

There are two ways to configure observing ports: single configuration and batch configuration. The batch configuration of observing ports is equivalent to joining an observing port

Huawei switch is configured with local mirror ports and remote mirror ...

Configure the interface GE1/0/1 on Switcha as the mirror port, bind it into the direction of the second layer of remote observation port, and copy a copy of the packet received from the mirror port to the

Mirroring Configuration Commands

Mirroring Configuration Commands The device supports the mirroring function, which is mainly used for network monitoring and fault management and may use user communication information. Huawei will

Configuring Local VLAN Mirroring

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

Example for Configuring Local VLAN Mirroring

Example for Configuring Local VLAN Mirroring Local VLAN Mirroring Overview In local VLAN mirroring, an observing port is directly connected to a monitoring device and forwards the

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.

Example for Configuring Remote VLAN Mirroring

Remote VLAN Mirroring Overview In remote VLAN mirroring, an observing port is connected to a monitoring device through an intermediate network and forwards the packets copied in a VLAN to the

Typical Mirroring Configuration

Huawei S series fixed switches except S2700-SI running V100R006C05 support ACL-based local traffic mirroring. Huawei S series modular switches support ACL-based local traffic mirroring in V200R005

Contact Us

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