

Huawei Core Switch Traffic Mirroring





Overview

Traffic mirroring rules can be configured using Modular QoS Command-Line Interface (MQC) and ACL. For details about traffic policies, see MQC Configuration and ACL-based Simplified Traffic Policy Configuration in the S600-EV200R019C10 Configuration Guide - QoS. For CloudEngine 9800, 8800, 7800, 6800, and 5800 series switches, traffic policies can be applied to the outbound direction only on the CE6870EI, CE6875EI, CE6880EI, CE6881, CE5881, CE6820, CE6863, CE6863E, CE6881K, CE6863K, CE6881E, and CE5880EI. One of the last steps in troubleshooting is recording and analyzing using an analyzer (e. You can configure inbound and outbound rules for a mirror filter to determine which traffic will be mirrored from mirror sources to a mirror target, such as a network.



Huawei Core Switch Traffic Mirroring

Mirroring Configuration

Mirroring Configuration This chapter describes basic features, implementation, and configuration of the mirroring function. The switch supports the mirroring function, which is used for network detection

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01-09 MIRRORING CONFIGURATION

Configure a traffic classifier on the Switch to match Internet access traffic and traffic sent to the administrative department, and configure a traffic behavior to mirror traffic to a local observing port.

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01-09 MIRRORING CONFIGURATION

9 Mirroring Configuration NO TE The switch supports the mirroring function, which is used for network detection and fault management and may involve personal communication information. Huawei

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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

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Configuring ACL-based Traffic Mirroring

ACL-based traffic mirroring allows the device to mirror packets matching an ACL rule to a specified interface for the ease of packet analysis.



Traffic Mirroring

Figure 6-6 shows the process of traffic mirroring. The mirrored port copies service flow 2 that matches rules to the observing port, which then forwards the copied flow to the monitoring device. Switches

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Example for Configuring Local Traffic Mirroring

Configure 10GE1/0/2 on SwitchA as the local observing port so that the Server can receive mirrored packets. Configure a traffic classifier to match the packets sent from the Technical department to the

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Traffic Mirroring

Implementation Traffic mirroring copies traffic matching specified rules from one or more mirrored ports to one or more observing ports, which then send the traffic to monitoring devices for analysis. Figure

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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

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Traffic Mirroring Example Scenarios_Traffic Mirroring_User Guide

HUAWEI CLOUD Help Center presents technical documents to help you quickly get started with HUAWEI CLOUD services. The technical documents include Service



Overview, Price Details,

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Traffic Mirroring Overview_Virtual Private Cloud-Huawei

You can configure inbound and outbound rules for a mirror filter to determine which traffic will be mirrored from mirror sources to a mirror target,

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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

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01-08 MIRRORING CONFIGURATION

In traffic mirroring, a traffic policy containing a traffic mirroring behavior is applied to a mirrored port. If packets passing through a mirrored port match traffic classification rules, the packets are copied to

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Example for Configuring Layer 2 Remote Port Mirroring

Configuration Notes You must dedicate observing ports for mirroring use and do not configure other services on them to prevent mirrored traffic and other service traffic from affecting each other. Do not

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Example for Configuring MQC-based Local Traffic Mirroring

S600-E Series Switches Typical Configuration Examples Example for Configuring MQC-based Local Traffic Mirroring Local Traffic Mirroring Overview In local traffic mirroring,



service traffic

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Traffic Mirroring

Figure 7-6 shows the process of traffic mirroring. The mirrored port copies service flow 2 that matches rules to the observing port, which then forwards the copied flow to the monitoring device. Switches

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Example for Configuring Local VLAN Mirroring

Sx300 Series Switches Typical Configuration Examples (V200) Example for Configuring Local VLAN Mirroring Local VLAN Mirroring Overview In local VLAN mirroring, an observing port is

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Huawei switches: switch port mirroring technology

Generally, the observing port is dedicated to the forwarding of mirrored traffic. Therefore, it is not recommended to configure other services on it to prevent mirrored traffic and other service traffic

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Example for Configuring ACL-based Local Traffic Mirroring

Local Traffic Mirroring Overview In local traffic mirroring, service traffic matching configured rules is copied to an observing port that is directly connected to a monitoring device for analysis and

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How Can I Configure Traffic Mirroring?

Run the traffic behavior behavior-name command to create a traffic behavior. Run the



mirroring observe-port observe-port-index & command to mirror traffic matching the rule to the specified

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Example for Configuring Remote Port Mirroring

Networking Requirements In Figure 9-17, the administrative department of a company accesses the Internet through Switch A, and the monitoring device (Server) is connected to Switch A

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Traffic Mirroring

A traffic policy containing a traffic mirroring behavior can be applied globally, in a VLAN, or on a mirrored port. Traffic mirroring rules can be configured using Modular QoS Command-Line Interface (MQC)

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Figure 1 Networking diagram of local port mirroring Note: e example can be applied to Huawei Switches (like Huawei S2700, Huawei S3700 switches and Quidway S5700, etc)

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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.

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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



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Mirror Port on Core Switch not seeing other traffic from edge switches

We have created a Mirror (Span) port on our Core switch in order to see all traffic on the network, however, we are actually only seeing very little traffic. I would say only about 10-15 percent

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Example for Configuring ACL-based Layer 2 Remote Traffic Mirroring

The official website of the company is paralyzed because of malicious attacks. The Server needs to remotely analyze traffic with TCP port number to locate the attack source.

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