

## Huawei Aggregation Switch Loop Detection



### Overview

Enable LDT on the GE1/0/1 of the Switch to detect loops in a specified VLAN so that loops on the downstream network can be detected. This document provides campus networks typical configuration examples and feature typical configuration examples. Purpose If a loop occurs on a network, devices on the network repeatedly send broadcast, multicast, and unknown unicast. Huawei, H3C and Ruijie: How to configure loop detection?

Under what circumstances did the loop detection technology come into being?

Loops in the network will cause the device to repeatedly send broadcast, multicast, and unknown unicast packets, resulting in a waste of network resources and even. Below you will find brief information for Routing Switch S9300 Terabit. It also covers link aggregation, VLAN configuration, VLAN mapping, and. HUAWEI S Series Switch-Configure MSTP to Prevent Loops Here's the 5-Star Hotel Secret to Perfect Poached Eggs! | Top DIY This video demonstrates how to configure the STP to prevent loops. For more information about STP [https://info. HUAWEI S series switch product](https://info.huawei.com/en/switch/s-series). This document describes the configuration of Ethernet services, including configuring MAC address table, link aggregation, VLANs, VLAN aggregation, MUX VLAN, VLAN termination, Voice VLAN, VLAN mapping, QinQ, GVRP, VCMP, STP/RSTP/MSTP, VBST, SEP, RRPP, ERPS, LBDT, HVRP, and Layer 2 protocol.

## Article Content

Example for Configuring LBDT to Detect Loopbacks on an Interface ...

In Figure 5-37, aggregation switch Switch A on an enterprise network connects to access switch Switch B. To prevent loopbacks on a TX-RX interface (GE 1/0/0) because optical fibers are

Example for Configuring LDT to Detect Loops on the Downstream

Example for Configuring LDT to Detect Loops on the Downstream Network  
Networking Requirements As shown in Figure 20-5, a new branch network of an enterprise connects to the aggregation switch

Example for Configuring LDT to Detect Loops on the Local Network

Loop detection (LDT) periodically sends LDT packets on an interface to check whether the packets return to the local device (receive and transmit interfaces can be different), and determines whether

Example for Configuring Loopback Detection to Detect Loops on the ...

The configuration roadmap is as follows: Enable the loopback detection function on interface1 of DeviceA and configure the interface to perform loopback detection in a specified VLAN to detect

How to Detect Loops in Huawei Switches? Is Your Network Suffering

Network stability hinges on one critical skill: identifying and resolving loops before they cripple your infrastructure. For IT teams managing Huawei switches, undetected ...

How to Configure Loopback Detection of Huawei

To detect loops on the network connected to the switch and disabled downlink interfaces to reduce impacts on the switch and other networks, enable loopback

Loopback Detection Configuration Commands

When the switch is upgraded from an earlier version to V200R009 or later, automatic loop detection is disabled by default. The device enabled with automatic LBDT automatically reports an alarm when

Configuring MAC Address Flapping Detection to Quickly Detect Loops

If a loop occurs, MAC address flapping must have occurred on the failure point. You can use the MAC address flapping function to locate the loop. Enable MAC address flapping detection to check

Configuring LDT to Detect Loops

This document describes the configuration of Ethernet services, including configuring MAC address table, link aggregation, VLANs, VLAN aggregation, MUX VLAN, VLAN termination,

loop-detect

The undo loop-detect command disables a device from advertising the capability of loop detection during the initialization of an LDP session. By default, a device cannot advertise the capability of loop

Configuring MAC Address Flapping Detection to Quickly Detect Loops ...

S12700 and S12700E V200R024C10 Configuration Guide - Ethernet Switching This document describes the configuration of Ethernet services, including configuring MAC address table, link aggregation,

HUAWEI S Series Switch-Eliminate Layer 2 Loops

This video demonstrates how to eliminate Layer 2 loops. For more information about Layer 2 loops [info pport.huawei /info-....](#)

How Do I Configure Multi-Interface Loop Detection?

An S series switch running V200R003 or a later version considers that a loop has occurred on the network connected to an interface if detection packets sent from the interface are received by

Loopback Detection Overview

Loopback detection sends loopback detection packets periodically to detect loops on the network connected to the device. When a loop occurs on a network, broadcast, multicast, and unknown

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Example for Configuring LDT to Detect Loops on the Downstream

Enable LDT on the GE1/0/1 of the Switch to detect loops in a specified VLAN so that loops on the downstream network can be detected. Configure an action after loops are detected so that the

01-12 LOOPBACK DETECTION CONFIGURATION

To detect loops on a Layer 2 network in a timely manner and prevent them from affecting the entire network, a detection function is required so that the administrator can check network connections

Loop Detection Configuration Commands

The display loop-detection command checks the loop detection configuration and status of interfaces with loop detection enabled.

How Do I Configure Single-Interface Loop Detection?

How Do I Configure Single-Interface Loop Detection? Switches can detect only external loops that occur on a single interface. After external loop detection is enabled, the switch sends packets periodically

HUAWEI S Series Switch-Configure STP to Prevent Loops

This video demonstrates how to configure the STP to prevent loops. For more information about STP [info.pport.huawei /info-....](http://info.pport.huawei.com/info-....)

Huawei, H3C and Ruijie: How to configure loop detection?

Under what circumstances did the loop detection technology come into being? Loops in the network will cause the device to repeatedly send broadcast, multicast, and

Example for Configuring LDT to Detect Loops on the Local Network ...

Because there are more than eight VLANs, you can configure LDT to detect loops and configure an action after loops are detected to prevent broadcast storms. All VLANs share a link.

14 Loop Detection Configuration. Huawei S9300 Terabit

I am an AI chatbot specifically trained to assist you with the S9300 Terabit Routing Switch Configuration Guide. I have thoroughly reviewed the document and can help you locate the exact information you

Typical Loopback Detection Configuration

Overview When a loop occurs on a network, broadcast, multicast, and unknown unicast packets are repeatedly transmitted on the network. This wastes network resources and may even cause a

## Contact Us

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