

# Packet loss when accessing H3C switch



## Overview

To prevent this issue, you must disable link-aggregation traffic redirection on the H3C device when the H3C device connects to a third-party device. In a WLAN, a wireless client sometimes experience continuous packet loss when it pings other devices. This might be accompanied by increasing ping latency (hundreds of milliseconds), slower download speed, and video jitter, resulting in poor experience for wireless client users. Such an issue is. Based on the onsite environment, the main network environment is described as follows: The H3C S10500 functions as the core switch, and the Huawei S12708 functions as the aggregation switch. The two devices are connected through 40GE ports, and the S12708 is connected to two access switches. Introduction This document provides information about troubleshooting common software and hardware problems with the S6800 switch series. This document is not restricted to specific software or hardware versions. When a large number of multicast flows exist on a network, traffic bursts may occur. To troubleshoot ports, see "Troubleshooting ports.



## Article Content

### VXLAN & BGP-EVPN: The AI-Ready Layer 3 Data Center Fabric Guide

What is VXLAN? Learn how to extend Layer 2 over a routed Layer 3 network. Master VTEP, VNI, and BGP-EVPN to build an AI-ready, multi-vendor data center fabric.

### H3C Bandwidth Control: Optimal Configuration Guide for Peak

Follow along as we break down each step, providing valuable insights and best practices for fine-tuning your H3C switch settings.

### H3C S5130-HI Switch Series Troubleshooting Guide-6W101

When you contact H3C Support, provide the following diagnostic information if packet loss occurs on the chip port with which the interface is associated: # In probe view, execute the debug port mapping

### Troubleshooting Cases for Packet Loss on the Network

Case Study: Packet Loss Occurs When the Number of Packets from the Access Switch to the Aggregation Switch Is Greater Than the Number of Packets Received by the Access Switch from the

### H3C S6300 SERIES TROUBLESHOOTING MANUAL Pdf Download

Page 30: Fan Failure DisPkt\_All—Number of discarded packets. Rcv\_All—Number of received packets. RcvPps—Packet receiving rate. If the issue persists, contact H3C Support. When you contact H3C

### Packet Loss Occurs When a Huawei S12708 Is Connected to an H3C

The H3C S10500 functions as the core switch, and the Huawei S12708 functions as the aggregation switch. The two devices are connected through 40GE ports, and the S12708 is

### H3C S5820X Troubleshooting Guide-6W100

To resolve this problem: 1. Execute the display acl resource command, and then check the Remaining field for ACL resources insufficiency. If this field displays 0, the ACL hardware resources are

### Troubleshooting Cases for Packet Loss on the Network

Troubleshooting Cases for Packet Loss on the Network Case Study: A Few Packets Are Dropped 2 Minutes After the Multicast Service Is Enabled on a Switch Case Study: An Administrator Cannot Log

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When you contact H3C Support, provide the following diagnostic information if packet loss occurs on the chip port with which the interface is associated: # Execute the debug port mapping slot 1 command in

Packet Loss Occurs When a Huawei S12708 Is Connected to an H3C

During STP convergence, the interface does not forward traffic. Therefore, packet loss occurs. After the convergence is complete, the fault is rectified. If convergence is performed

H3C Fixed-Port Campus Switches Troubleshooting Guide-6W104

To prevent a failure from causing loss of configuration, save the configuration each time you finish configuring a feature. For configuration recovery, regularly back up the configuration to a remote

Packet Loss Explained

A complete guide to understanding, monitoring and fixing network packet loss for Unified Communications and Collaboration (UCC) environments.

04-Chapter 4 Connecting Your Switch to the Network

The 10/100Base-TX and 1000Base-T ports of the H3C S7500E switches use RJ-45 connectors and support MDI/MDI-X auto-sensing. Use category-5 twisted pair cables or above to connect the

03-H3C Wireless Client Packet Loss Troubleshooting Guide

As shown in Figure 1, in a typical WLAN, if a wireless client experiences severe packet loss when it pings the server, troubleshoot the issue based on the packet forwarding path.

Packet Loss Occurs on the Network Because There are Discarded Packets ...

When the burst packet size exceeds the interface buffer limit, service packets are discarded, affecting user services. Configuring traffic rate limiting or traffic shaping on the upstream

H3C S1600V2 Switch Series Web Configuration Guide

Navigation pane—Provides the Web menu for device functions in a tree structure. You can easily select function menus in the navigation pane. The content pane displays the selection result. You can click

H3C Fixed-Port Campus Switches Troubleshooting Guide-6W104

Examine the following configurations that might cause packet loss: i VLAN configuration—Execute the display this command in Ethernet interface view to verify that the port is in the VLAN of the packets.

Packet Loss Occurs on the Network Because There are Discarded

Traffic burst is the major cause of unexpected packet loss. When the burst packet size exceeds the interface buffer limit, service packets are discarded, affecting user services.

#### H3C S6800 SERIES SWITCH TROUBLESHOOTING MANUAL

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#### H3C S5800 SERIES SWITCH CONFIGURATION

View and Download H3C S5800 Series configuration manual online. Layer 3 - IP Routing. S5800 Series switch pdf manual download. Also for: S5820x series.

## Contact Us

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