

Huawei Core Layer Switch Debugging



Overview

This document describes the debugging commands for the CX91x series switch modules in the Tecal E9000 in terms of command functions, syntax, parameters, usage instructions, and examples. This can be helpful for. For more in-depth troubleshooting, debugging on the CLI (Telnet or SSH) can be very helpful. This article describes the steps required to activate debugging. All configurations are done in the user-view and it is important to activate the display. This document provides campus networks typical configuration examples and feature typical configuration examples. "Feature Typical Configuration Examples" provides. As shown in Figure 10-11, the PC connects to Switch A through a console interface. Set the log level and configure the log buffer size to ensure SNMP-related logs are captured. // Lease time for AP & AC is UNLIMITED. // Set port GE0/0/1 link type to trunk and allow VLAN 10 and 20. // Do factory recovery in user-view.

Article Content

Jan 26, 2026

Obtaining Log Files from S5700 (V200)

Obtaining Log Files The following uses a stack consisting of S5720-HI switches as an example to describe how to obtain log files.

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SME Network Solution Typical Configuration Examples

"Gateway + Core Switch + Access Switch + AP + AR180" Networking: Huawei eKit Cloud Management "Gateway + Core Switch +

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How to Decode Huawei Switch Logs? Could Ignoring Alerts Cost Your ...

Every network hiccup—a sudden latency spike, an unauthorized access attempt, a mysterious port shutdown—leaves breadcrumbs

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Configuring the Core Switch

Configuring the Core Switch Context In this scenario, IP addresses of the interfaces connecting the core switch to the

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01-01 DEBUGGING COMMANDS

Debugging information is the traced information about internal running states of equipment and can be output to terminals.

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Cloud Debugging

You can now debug your app without needing to purchase Huawei devices, and enjoy remote access to all Huawei phones, tablets,

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Master Huawei Switch Commands? Can Your CLI Skills Define

Network stability is a direct result of operational consistency, which is founded on standardized command usage. In

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Huawei Core Switch Debugging

This document describes the debugging commands for the CX91x series switch modules in the Tecal E9000 in terms of command

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Example for Outputting Debugging Messages to the Console

As shown in Figure 10-11, the PC connects to Switch A through a console interface. It is required that debugging messages of the

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CloudEngine S12700E Series Switches | Huawei Enterprise

CloudEngine S12700E Series Switches CloudEngine S12700E enables wired and wireless convergence, full-stack openness, and

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CloudEngine S3700, S5700, and S6700 V600R025C00 Diagnostic

CloudEngine S3700, S5700, and S6700 V600R025C00 Diagnostic and Debugging Command Reference This document describes

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display debugging dhcp

You can run the display debugging dhcp command to check the debugging switch information of other DHCP functions (for example,

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Configuring the Core Switch to Be Managed by the Controller

Configuring the Core Switch to Be Managed by the Controller Context After devices to be managed are added to the

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9 Query Commands for Huawei Switches

In the modern network environment, switches, as the core equipment of the network, are responsible for key tasks

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Notes/hardware/huawei/huawei-switch-commands.md at master

Login via console with old password. // Check login users. // Check privilege of user: CONSOLE 0 is 15. // Enter System-View. //

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Example for Configuring a Layer 3 Switch to Work with a Firewall for ...

Example for Configuring a Layer 3 Switch to Work with a Firewall for Internet Access
Layer 3 Switch Layer 3 switches provide the

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Configuring the Device to Output Debugging Messages to the Console ...

After debugging messages are output to the console, you can view debugging messages on the console (host from which you can

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Configuring the Core Switch to Be Managed by the Controller

Context After devices to be managed are added to the network site Tenant_Campus, iMaster NCE-Campus needs to

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Huawei:VRP

Use a Serial client (such as Putty) to connect to the switch by filling in the correct COM port; In the opened CLI, you may have to

Apr 04, 2026

Basic CLI Commands on Huawei Switch

This text is a guide detailing Basic Command Line Interface (CLI) Commands on Huawei brand switches. It

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Native AC Solution: Core Switches Function as the Gateway for Wired

Native AC Solution: Core Switches Function as the Gateway for Wired and Wireless Users (Three-Layer Network Architecture)

Aug 24, 2025

9 Essential Huawei Switch Commands Every Network Pro Should

For Huawei's versatile Ethernet switches (like the S5700, S6700, or CloudEngine series), specific commands act as foundational

Oct 05, 2025

Layer 2 vs Layer 3 Huawei Switches Deep Dive: Internal ASIC

To objectively evaluate the capabilities of Huawei Layer 2 and Layer 3 switches, we must analyze specific hardware metrics. The

Jul 11, 2026

How to Obtain Logs and Alarms for Huawei Switches

How to obtain logs and alarms for Huawei switches, below is the details: When a switch is faulty, collect logs and

Mar 26, 2026

huawei switch cheat sheet · GitHub

Huawei Switch Discovery Tool: This tool can be used to discover Huawei network switches on a network. It can also

Nov 28, 2025

Huawei CLI debugging

This article describes how to use the debugging commands on the CLI. This can be helpful for troubleshooting.

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10 Essential Huawei Network Device Debugging Commands You

Whether it's the switches in enterprise parks or the core routers of operators, Huawei devices can be seen

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Ethernet Switching Debugging Commands

Diagnostic Commands Ethernet Switching Debugging Commands MAC Debugging Commands Eth-Trunk Debugging

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Huawei Core Switch Debugging

Huawei Core Switch Debugging Use a Serial client (such as Putty) to connect to the switch by filling in the correct COM port; In the

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