

Check Huawei core switch configuration

Article Overview

You can check a Huawei core switch configuration using CLI commands like `display current-configuration`, `display interface`, `display vlan`, and `display ip routing-table` to view interfaces, VLANs, routing, and other core settings.

Accessing the Switch

- o Connect to the switch via console port, SSH, or Telnet.
- o Log in with your username and password.
- o Enter privilege mode by typing `enable` and providing the enable password if required.
- o Enter system view mode using `system-view` to access configuration commands .

Viewing Configuration

- o Current running configuration: Use `display current-configuration` to see the full configuration of the switch, including interfaces, VLANs, and routing settings .
- o Interface-specific configuration: Use `display current-configuration interface` to check a particular port, e.g., `display current-configuration interface GigabitEthernet0/0/1` .
- o Interface status: `display interface` or `display interface brief` shows whether ports are up or down, packet errors, and negotiation modes .
- o VLAN configuration: `display vlan` lists all VLANs and their associated ports .
- o MAC address table: `display mac-address` shows learned MAC addresses and their corresponding interfaces .
- o Routing table: `display ip routing-table` displays default and specific routes, useful for verifying OSPF or other routing protocols .

Core Switch-Specific Checks

- o Interconnection with BRAS and firewalls: Ensure VLANs and VLANIF interfaces are correctly configured and bound to VPN instances for route isolation .
- o OSPF routes: Verify OSPF configuration and routing consistency across devices using `display ospf peer` or `display ospf routing` commands.
- o Logs and user activity: Use `display logbuffer` to view system logs and `display users` to check logged-in users .

Saving and Exiting

- o After verification, save changes with `save` if any modifications are made.
- o Exit system view with `quit` and log out from the CLI session. Using these commands, you can comprehensively check the configuration, interface status, VLANs, routing, and logs on a Huawei core switch,

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ensuring proper network operation and troubleshooting .

Are you new to configuring Huawei switches and looking for a step-by-step guide? Look

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Huawei Switch Troubleshoot commands: 1. Run the display interface [interface-type [interface-number]] command to

To view the current configuration of the switch, use the display current-configuration command. This command displays all the active

"Gateway + Core Switch + Aggregation Switch + Access Switch + WAC + AP + AR180"
Networking: Local Entire Network

When the master switch in a stack containing multiple member switches is faulty, the top N interface traffic statistics function takes

Monitoring the Stack Status Procedure Run the display stack command to check information about member switches. Run the

Learning the core commands (display version, display current-configuration, system-view) and their syntax provides a

In the daily maintenance of Huawei switches, we need to use various inspection commands. Today, let's take a look

Huawei Technical Support

Huawei Switch Commands ? This repository contains a comprehensive list of commands for configuring and managing Huawei

The document provides a comprehensive guide on Huawei router and switch configuration commands, detailing various commands

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

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act as foundational

This document provides instructions for configuring Huawei switch commands. It discusses starting a configuration session, viewing

What are the commonly used inspection commands for Huawei switches? Many data in Huawei switches need to be

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