View Huawei core switch configuration



Overview

SME Network Solution Typical Configuration Examples "Gateway + Core Switch + Aggregation Switch + Access Switch + WAC + AP + AR180" Networking: Local Entir.

Key Takeaways

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

Connect to the switch via console port, SSH, or Telnet. Log in with your username and password. Enter privilege mode by typing enable and providing the enable password if required.

Enter system view mode using system-view to access configuration commands.

Viewing Configuration

Current running configuration: Use display current-configuration to see the full configuration of the switch, including interfaces, VLANs, and routing settings. Interface-specific configuration: Use display current-configuration interface to check a particular port, e.g., display current-configuration interface GigabitEthernet0/0/1. Interface status: display interface or display interface brief shows whether ports are up or down, packet errors, and negotiation modes.

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VLA

N configuration: display vlan lists all VLANs and their associated ports.

MA

C address table: display mac-address shows learned MAC addresses and their corresponding interfaces. Routing table: display ip routing-table displays default and specific routes, useful for verifying OSPF or other routing protocols.

Core Switch-

Specific Checks

Interconnection with BRAS and firewalls: Ensure VLANs and VLANIF interfaces are correctly configured and bound to VPN instances for route isolation.

OSP

F routes: Verify OSPF configuration and routing consistency across devices using display ospf peer or display ospf routing commands. Logs and user activity: Use display logbuffer to view system logs and display users to check logged-in users.

Saving and Exiting

After verification, save changes with save if any modifications are made. 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, ensuring proper network operation and troubleshooting.

Article Content

SME Network Solution Typical Configuration Examples

"Gateway + Core Switch + Aggregation Switch + Access Switch + WAC + AP + AR180" Networking: Local Entire Network Deployment (EasyWeb) "Third-Party Gateway + Core Switch + Access Switch

Configuring the Core Switch

In this scenario, IP addresses of the interfaces connecting the core switch to the BRASs and firewalls and OSPF need to be configured on the core switch, so as to implement connectivity

Huawei Switch Configuration Guide | PDF | Internet Protocols

The document provides configuration instructions and commands for basic switch configuration using Huawei switches. It covers topics such as changing the hostname, configuring user accounts and

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9 Query Commands for Huawei Switches

This article will introduce in detail the nine query commands of Huawei switches to help you quickly understand the operating status and configuration information of the device, so as to

huawei switch cheat sheet · GitHub

Review switch configurations: Check for static ARP entries and potential security vulnerabilities in the switch firmware. Audit network segmentation: Ensure proper segmentation

Huawei Switch Basic Configuration Step by Step

□□ In this video, I will show you step by step on how to configure Huawei switch using an actual device with the latest firmware version. □□ We will go through the very basic configuration,...

Basic CLI Commands on Huawei Switch

This text is a guide detailing Basic Command Line Interface (CLI) Commands on Huawei brand switches. It provides step-by-step instructions for users to perform

Top 5 Huawei Display Commands That Make Network Management

In this post, we will explore the top 5 Huawei display commands that can make your daily tasks easier and improve your understanding of what is happening behind the scenes. The display

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 instruments. Let''s explore nine indispensable ...

Hardware Configuration Commands

This document describes all the configuration commands of the device, including the command function, syntax, parameters, views, default level, usage guidelines, examples, and related commands.

S Series Campus Switches Quick Configuration (V200)

This document describes how to log in Huawei S series switches for the first time and fast configure the switches, and describes the procedures of configuring unconfigured switches in three

Basic Configuration on the Device at First Login

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Basic Configuration on the Device at First Login Context This section describes how to configure the time and date, device name, management IP address, and the user level and authentication mode

Basic Interface Configuration Commands

This document describes all the configuration commands of the device, including the command function, syntax, parameters, views, default level, usage guidelines, examples, and related commands.

Huawei Switch Configuration Guide

This document provides instructions for configuring Huawei switch commands. It discusses starting a configuration session, viewing different configuration modes, setting system parameters like

Configuring System Information on S Series Switches

This document describes how to set the system parameters on s series switches. Below are the tasks that are performed in this document. Set the name of the switch. Set the date and time of the switch.

CX320 Switch Module V100R001 Configuration Guide 15

The device has many functions; therefore various configuration commands and query commands are provided to facilitate device management and maintenance. Huawei switch registers

Mastering Huawei Switch Management: 9 Essential Query Commands

Managing network switches efficiently is a critical skill for IT professionals, and Huawei switches are widely recognized for their reliability and advanced features. To optimize network performance and

Huawei Network Switch Configuration guide | Step-by-Step CLI

□□ Learn how to fully configure a Huawei S5700 Series switch step-by-step using real CLI commands! In this video, I walk you through the complete configuration of a Huawei S5700 switch, covering:

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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