

Check core switch configuration information



AI Overview

You can view a core switch's configuration using commands like `show running-config` for the active configuration and `show startup-config` for the saved configuration. Accessing the Switch To view the configuration, first connect to the switch via console cable, SSH, or Telnet. Use a terminal emulator like PuTTY and log in with the appropriate credentials. Ensure you have privileged EXEC mode access (enable mode) to run configuration commands.

Key Commands to View Configurations

- `show running-config`: Displays the current active configuration in RAM, including VLANs, interface settings, and security parameters.
- `show startup-config`: Shows the configuration stored in NVRAM that will load on the next reboot.
- `show version`: Provides switch model, IOS version, uptime, and memory information.
- `show vlan brief`: Lists all VLANs configured on the switch and their status.
- `show interfaces / show ip interface brief`: Displays interface status, IP addresses, and operational state.
- `show mac address-table`: Shows learned MAC addresses and associated ports.
- `show spanning-tree`: Displays STP status to prevent network loops.
- `show inventory / show environment`: Checks hardware components, power supplies, and environmental health.

Additional Tips

- Use context-sensitive help by typing `?` after a command to see available options.
- For VLAN-specific details, use `show vlan id` or `show interfaces trunk` to verify trunking.
- To ensure changes are saved, compare `running-config` with `startup-config` and use `copy running-config startup-config` if needed.

By systematically using these commands, you can fully inspect the core switch's configuration, verify VLANs, interface settings, and security policies, and ensure the switch is operating as intended.

Article Content

How to Configure a Cisco Switch in 10 Steps

Learn how to Configure a Cisco Switch. Follow along this Step-by-Step guide that will get you using Commands via PuTTY CLI

How to Configure a Cisco Switch (step by step)

If you're looking to configure a switch for the first time, this post is for you. Learn step-by-step configuration commands for Cisco IOS Switches.

How to Configure a Cisco Switch in 10 Steps

Configuring a Cisco switch properly means your network can make connections efficiently. In this step-by-step guide, we walk you through configuring Cisco switches and look at some FAQs.

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Hello everyone,,, How can i check ALL configuration implemented in the switches? "show archive config differences " didnt see much. Can i view the config in ID 1,2,3,4,5 below?

ECS2100 Series CLI Reference Guide

Section III "Appendices" — Includes information on troubleshooting switch management access. This guide focuses on switch software configuration through the CLI. For information on how to manage

How to Verify Switch Configuration: Best Tools and Commands

In this article, you will learn what is the best way to verify switch configuration and why it is important to do so regularly.

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The following article provides information about some ESXCLI commands that can be used to gather information about the configuration of the host, for example the Host Hardware

Useful Cisco Switch Verification Commands

This guide provides a comprehensive overview of commands to check switch health, interface status, VLAN configurations, MAC address tables, port security, and spanning tree protocol

ECS5520 Series CLI Reference Guide

The guide includes these sections: Section I “GettingStarted” — Includes information on initial configuration. Section II “Command Line Interface” — Includes all management options available

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How to Verify Switch Configuration: Best Tools and Commands

Learn what is the best way to verify switch configuration using ping, traceroute, show commands, SNMP, syslog, test tools, documentation, and backup.

How to find core switch

Hi, Can anyone help me to find out that connected switch is core switch. Is there any command or trick to find it. There are 7 switches connected but unable to find which is core one .

Useful Cisco Switch Verification Commands

Check Basic Switch Information These commands give you general details about your switch, like the software it is running, how long it has been powered on, and what hardware is installed. Operating

What command gets all configuration info from a switch?

Hi guys. I'm making a backup of multiple Switches in my LAN. I'm doing it manually, like show run, then saving all information that I get on the screen to a text file. I remember from past that

Guide to Basic Switch Configuration | Auvik

Switch configuration on your own can seem like a daunting task. Use this handy guide to get your network switch up and running with ease.

ECS2100 Series CLI Reference Guide

The switch's HTTP web agent allows you to configure switch parameters, monitor port connections, and display statistics using a standard web browser such as Internet Explorer 9, Mozilla Firefox 39, or

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Basic Switch Configuration Guide with Examples

This tutorial explains basic switch configuration commands in detail with examples.

SME Network Solution Typical Configuration Examples

Support Documentation Enterprise Network Solution Horizontal Solutions
CloudCampus SME Configuration & Commissioning Configuration Examples

8 Steps to configure your network switch

If everything checks out, power on the switch and verify that all the indicator lights are in working order. Next, use a rollover cable to console into the switch from your computer.

Understanding the Core Switch: Key Differences and Uses

Explore the core switch's role as the backbone of your network. Discover key differences, uses, and insights into layer 3 core switch technology.

9 Query Commands for Huawei Switches

In the modern network environment, switches, as the core equipment of the network, are responsible for key tasks such as data forwarding, traffic management, and network security. In order

Solved: Core Switch

Dears This is my first time to configure core switch on packet tracer and still confusing in core switch how to interconnect all the core switch? and I can't put any IP ADDRESS for each port

ECS5520 Series CLI Reference Guide

This guide describes the switch's command line interface (CLI). For more detailed information on the switch's key features or information about the web browser management interface refer to the Web

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