

How to view the core switch configuration



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 (step by step)

The switch is a network device that is used to segment the networks into different subnetworks called subnets or LAN segments. It is responsible for filtering and forwarding the

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Cisco CLI Switch Command Cheat Sheet for 2025

We present the frequently used commands to perform various configuration, monitoring, and troubleshooting tasks on Cisco switch

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Multi-Chassis Link Aggregation Group (MC-LAG) enables redundancy and load balancing by connecting two ECS-Aggregation switches as an MC-LAG pair.

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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.

How to Configure Cisco Switches: A Step-by-step Guide

After following the basic Cisco switch configuration shown in the previous sections, you can use the additional commands to monitor and

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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

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.

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Command Reference, Cisco IOS XE 17.16.x (Catalyst 9500 Switches)

From global configuration mode, you can enter interface configuration mode and line configuration mode. This table describes the main command modes, how to access each one, the

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.

How to Configure a Cisco Switch in 10 Steps

In this step-by-step guide, we walk you through configuring Cisco switches and look at some FAQs. Configuring a Cisco switch is a fundamental task for network administrators, as it lays

Introduction to Core Switch Configuration

A switch that functions as part of a router and operates at the third layer of the OSI network standard model, the network layer. The most important purpose of the layer 3 switch is to speed up the data

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 .

Full text of "NEW"

Full text of "NEW" See other formats Word . the, > < br to of and a : " in you that i it he is was for - with) on (? his as this ; be at but not have had from will are they -- ! all by if him one your or up her there

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Core Switch and Access Switch configuration

HI TEAM, I have a 2 3850 core switch which is on HA and 2960x for my access switch, i required help on 2 things. 1) How to enable LLDP-MED/CDP on 2960 switch 2) Voice VLAN should

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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

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Basic Switch Configuration Guide with Examples

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

Contact Us

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