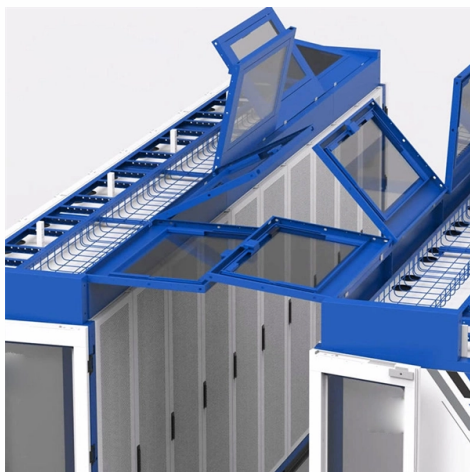


How to adjust the IP address of the core switch



AI Overview

To change a core switch IP address, configure the management VLAN interface with the new IP and subnet mask, then save the configuration to apply the change.

Step-by-Step Guide

1. Access the Switch CLI or GUI via console cable, SSH, or web GUI depending on your switch model. For CLI, enter privileged EXEC mode using the enable command and your password.
2. Enter Global Configuration Mode. In CLI, type configure terminal to access global configuration mode.
3. Select the Management Interface. Typically, the management interface is VLAN 1. Enter interface configuration mode: `CodeCopy interface vlan 1`. For multilayer switches, ensure the interface is Layer 3 enabled before assigning an IP.
4. Assign the New IP Address and Subnet Mask. Use the command: `CodeCopy ip address [new-ip-address] [subnet-mask]`.
Example: `CodeCopy ip address 192.168.1.100 255.255.255.0`. If needed, also configure the default gateway for external network access: `CodeCopy ip default-gateway [gateway-ip]`.
5. Activate the Interface. Bring the interface up with: `CodeCopy no shutdown`.
6. Save the Configuration. Save changes to ensure they persist after a reboot: `CodeCopy copy running-config startup-config`. Alternatively, in some switches, use write memory.
7. Verify Connectivity. After changing the IP, reconnect using the new IP address. Test with ping or by accessing the GUI/CLI to confirm network connectivity.

Best Practices

- Perform the change during a maintenance window to avoid network disruption.
- Back up the current configuration before making changes.
- Ensure the new IP address is unique and fits your network addressing plan.
- If the switch is part of a stack, configure a static IP to prevent conflicts during failover.

Following these steps ensures a smooth transition to a new management IP address without losing access to the core switch.

Article Content

Configure IP Address Settings on a Switch using the CLI

This article provides instructions on how to configure the IP address settings on the Sx350, SG350X, Sx500, Sx500X series switches through the Command Line Interface (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.

ModBrick|The Platform to Build Your Own Controller

This reduces the number of magnets needed, minimizes glue usage, and avoids failure due to incorrect polarity. Adjusting the

How to change the IP address of the smart and L2 managed switches

In factory default setting, all the ports belong to VLAN 1, so you can access the switch using the IP address of VLAN 1, which is 192.168.0.1. Therefore, if you need to change the IP

[unsupervised_topic_modeling/topics/en/13/100/100/topics](#) at ...

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How to Configure a Switch IP Address

Changing the switch management IP address may interrupt connectivity with other devices, so perform the change during an appropriate maintenance window and back up

Creating a Base Configuration for a Cisco IOS Switch: A Step-by-Step

Learn how to set up a base configuration for network switches. Secure, optimize, and enable remote access with our step-by-step guide.

Configure IP Address for Interface in Cisco Switches

To configure an IP Address on a switch interface, first, we must change the interface from a layer 2 interface to a layer 3 interface. A point to note is that to provide an IP Address to a switch

Cisco CLI Switch Command Cheat Sheet for 2025

Here's the Cisco CLI Switch Command cheat sheet you need for configuring and managing Cisco switches The Cisco Command-Line Interface (CLI) is a core tool used by network

How to Configure a Switch IP Address

To configure an IP address on a network switch, follow these general steps. Exact commands and menus may vary by vendor and model, so refer to the switch manual or vendor

Cisco L3 Core Switch IP Address | Cisco Switch basic Configuration ...

Cisco Switch basic Configuration | Cisco Switch Configuration Step by Step Please watch: "Use Pen Drive as RAM" • Use Pen Drive As A Ram in Hindi | How to u... ~- Hi guys, I am Sunil kumar ...

How to Configure a Cisco Switch in 10 Steps

Switches don't come with an IP address by default, meaning that you can't connect to it with Telnet or SSH. To solve this problem you can select a virtual LAN (VLAN) on the switch and

How to Change Proxy Settings on PC, Mac, & Mobile

Instead of changing your proxy settings in your web browser, you'll actually make the change in your Windows, Mac, iOS, or Android settings. On Windows 10 & 11, go to Settings >

Configure the Internet Protocol (IP) Address Settings on Cisco

This article provides instructions on how to configure the IP address settings on the Cisco Business series switches through the Command Line Interface (CLI).

How to Set an IP Address on a Cisco Switch

Step-by-step guide to setting a management IP address on a Cisco switch using an SVI, default gateway, and SSH-ready config.

Cisco Business switches 250 Series CLI Guide

Parameters ip-address ip-address —Specifies the IP address. mac-address mac-address —Specifies the MAC address. interface-id —Specifies an interface ID. Command Mode

Configure IP Address Settings on a Switch using the CLI

This article provides instructions on how to configure the IP address settings of your switch through the Command Line Interface (CLI). If you are unfamiliar with terms in this document, check out Cisco

Advanced settings configuration in WSL | Microsoft Learn

A guide to the wsl nf and .wslconfig files used for configuring settings when running multiple Linux distributions on Windows Subsystem for Linux.

How to Change IP Address on Different Devices and OSes

Learn how to change your IP address on different operating systems. Resolve network issues, enhance security, or improve privacy.

Supporting Regulatory Compliance with Microsoft Exchange Server 2003

First published on TechNet on Aug 20, 2007 [Today's post comes to us courtesy of James Frederickson] We are noticing an increased number of calls where Organizations—particularly those

Core layer switches IP address for routing

Which IP address should I add to the Core switch for routing? Should I add a IP of each vlan that in the LAN to each vlan interface of Core layer switch? I want run OSPF routing protocol on

Setting the switch IP address

Using DHCP to set the IP address When using DHCP, the switch obtains its IP address, subnet mask, and default gateway address from the DHCP server. The DHCP client can only connect to a DHCP

Configure IP Address Settings on a Switch using the CLI

Configure the IP Address of the Switch through the CLI Important: If your switch is in one of the stacking modes with a Standby Switch present, it is recommended to configure a static IP address to prevent

Configure an IP address on a switch

This article describes how to configure an IP address on a Cisco switch in order to connect over the network for management.

Contact Us

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