

Configure IP address for core switch



Article Overview

To configure an IP address on a core switch, assign it to a management VLAN or a Layer 3 interface using the CLI, then set the subnet mask and default gateway for network connectivity.

Steps to Configure a Static IP Address

- Access the Switch CLI Connect to the switch using a console cable, SSH, or Telnet. Enter privileged EXEC mode with the enable command and provide the password if prompted .
- Enter Global Configuration Mode Use the command configure terminal to enter global configuration mode .
- Select the Management Interface For most switches, VLAN 1 is the default management VLAN. Enter its configuration mode:

```
CodeCopyinterface vlan 1
```

- Assign the IP Address and Subnet Mask Use the ip address command to set the static IP and subnet mask:

```
CodeCopyip address 192.168.1.10 255.255.255.0
```

- Enable the Interface Bring the VLAN interface up with:

```
CodeCopyno shutdown
```

- Configure the Default Gateway If the switch needs to communicate outside its local subnet, set the default gateway:

```
CodeCopyip default-gateway 192.168.1.1
```

Article Content

8 Steps to configure your network switch

Follow these simple best practices to set up a new network switch. Still fuzzy? Just like riding a bicycle, nobody's born knowing how

Assigning IP Address And Default Gateway To A Switch

If you don't have chance to the same location of switch, you need to connect the devices remotely and manage them via SSH or

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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.

Basic Cisco Switch Configuration Example in 10 Steps

Unlike other lower class switch vendors (which are plug-and-play), the Cisco switch needs some initial basic configuration in order to

How to configure Cisco switch in 11 steps?

Switch (config)#hostname Cisco_switch_x Step 3: Configure IP address management
To enable remote connectivity to the switch

Assigning the Switch IP Address and Default Gateway

Understanding the Boot Process To start your switch, you need to follow the procedures in the hardware installation guide for

How to configure a Cisco Layer3 Switch-InterVLAN Routing Without

For example, some switch models that support layer 3 routing are the 3550, 3750, 3560 etc. On a Layer3-capable switch, the port

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

Aruba 2920 (J9726A) core switch setup

Never worked with an HP Aruba switch before, not familiar with its CLI, trying to setup multiple vlans to send traffic to

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

Setting up a base configuration for a network switch is a fundamental skill for network administrators. By following these steps, you

Contact Us

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