

# Can core switches be configured with IP addresses



## Article Overview

To configure an IP address on a core switch, assign a static IP to the management VLAN or interface via the CLI or management interface, ensuring proper network accessibility and remote management.

### Step 1: Access the Switch

Connect to the switch using one of the following methods:

- Console port with a serial cable for initial setup or if remote access is unavailable .
- SSH or Telnet if the switch is already reachable on the network .
- Web management interface for GUI-based configuration if supported .

### Step 2: Enter Privileged Mode

From the CLI, enter Privileged EXEC mode:

```
Switch> enable
```

This allows access to configuration commands .

### Step 3: Enter Global Configuration Mode

```
Switch# configure terminal
```

This mode lets you modify system-wide settings, including IP addresses ....

## Article Content

Mar 07, 2026

% IP addresses may not be configured on L2 links

Hi, I presume its a 4-port switch module and not routed port; hence not taking the IP address. For Cisco 800 series

Oct 14, 2025

How to Configure a Cisco Switch in 10 Steps

Configure IP Addresses With Telnet Access Step 6. Configure a Network Management IP Address (or Management

Oct 04, 2025

How to configure two Core switches in a network with intervlan routing ...

Dear All, Hi Friends, i have two 3750 switches. I configured intervlan routing between three vlans which are

Jan 05, 2026

Solved: DHCP ON CORE SWITCHES

Hi, Can we enabled DHCP on both core switches ? how would redundancy will take place please explain if its

Sep 17, 2025

VLAN Configuration for Core Switches

The document outlines the configuration for a core switch (Sw-Core) and several access switches (Sw-HR, Sw-Acc, Sw-HelpDesk,

Dec 13, 2025

How To Get A Network Switch To Assign IP

Learn how to configure a network switch to assign IP addresses efficiently. Understand the process and optimize your

Sep 28, 2025

Solved: DHCP Configuration in Core Switches

Access switches of the two locations are connected via fiber to their respective core switches. It means that users

Jan 10, 2026

## Solved: Configure Core Switch | Experts Exchange

Configure Core Switch Assuming I have 4 Layer switches configure with several VLANs on each switch and each

Sep 11, 2025

## Unveiling the Mystery: Do Unmanaged Switches Have an IP Address?

In general, though, unmanaged switches do not have an IP address that can be used to manage or access them, and

Nov 15, 2025

## How To Properly Configure an Ethernet Switch

Understanding Ethernet switch configuration is vital for efficient and secure network management. Learn how to

Feb 09, 2026

## Configure Network Settings on Windows with PowerShell: IP Address,

You can use these cmdlets to configure networking on both Windows 10/11 and Windows Server (or Server Core

Feb 25, 2026

## When Switch-interface-IP-addresses are configured, do endpoints

When Switch-interface-IP-addresses are configured, do endpoints (pc's) connected to those interfaces automatically adopt same ip

Jun 20, 2026

## Initial Switch Configuration

Whether the configuration deployment of a switch is completed all at once or done in phases, the basic switch settings must first be

Aug 06, 2025

## How do devices connected to a switch get their IPs?

No device can get it's IP address automatically even when it's connected to switch. The DHCP server assigns each

Jul 10, 2026

## Switches with Multiple SVI and IP Addresses Bad Practice??

Hello, I have a typical Access-Distribution-Core. Access is all L2 switches (3560,3750 running IP Basic) Distribution

Jun 27, 2026

### Configuring the Core Switch

In this scenario, IP addresses of the interfaces connecting the core switch to the BRASs and firewalls and OSPF need

Sep 09, 2025

### 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

Feb 05, 2026

### How to configure a port on our core switch for a server

I am looking for some guidance on how to configure a server port on our core switch. For some options, I was thinking

Mar 13, 2026

### Native AC Solution: Core Switches Function as the Gateway for Wired

Configure the core switches to function as the DHCP server to assign IP addresses to APs and users. # Configure the function of

May 15, 2026

### Configuring the Core Switch

Configuring the Core Switch Context In this scenario, IP addresses of the interfaces connecting the core switch to the

Feb 12, 2026

### Connecting multiple layer 3 switches together each with their own svi ...

Replace the layer 2 switches with layer 3 switches and configure them such that clients communicating from two

Jun 12, 2026

### Why assign IP addresses to router/switch interfaces?

But why assign IP addresses to the interfaces? Is it so the router/switch knows which port to send the packet out?

Jun 20, 2026

### Core Switch vs. Distribution Switch vs. Access Switch

The layer 2 switches collect the data from core switches, identify the type of data packet and the address of the access device.

May 18, 2026

Solved: Configure dhcp on core switch

Below are the dhcp configs for the core switch. "Service DHCP" is enabled. "IP Routing" is enabled on the core switch

Mar 11, 2026

networking

Switches of course work on MAC layer, but it does not mean, that it can't have IP address. Managed switches have support for IP

Nov 22, 2025

Solved: Configure Core Switch | Experts Exchange

If you're licensed for OSPF/EIGRP on the core and edge switches, then you can skip the statics and just let the routing

Dec 01, 2025

Why do switches and access points have ip addresses?

i am newbie in networking. While working on the network i have seen that switches and wifi access points do contain

Feb 06, 2026

Solved: 2 core switches with same SVIs

In this configuration, both core switches will have the same SVIs configured with identical IP addresses. One switch

May 19, 2026

How to Configure a Cisco Switch (step by step)

Since our CORE switch has IP addresses configured on VLAN interfaces, it can be accessed remotely for

## Contact Us

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