

Core Switch IP Address Lookup



Article Overview

You can view a core switch's IP address using console access, CLI commands, DHCP lookup, or network discovery tools.

Direct Console Access

The most reliable method is to connect directly to the switch's console port using a console cable and a terminal emulator like PuTTY or SecureCRT. Once connected, enter privileged EXEC mode and run the command `show ip interface brief` to display all configured IP addresses, including the management VLAN (usually VLAN 1) or any other VLAN assigned for management purposes. This method works for both Layer 2 and Layer 3 switches.

Using CLI via SSH or Telnet

If the switch is already reachable on the network, you can connect via SSH or Telnet. Commands such as `show mac address-table` combined with `show arp` allow you to trace the MAC address of a connected device to the switch port, and then use `show cdp neighbor detail` to find the management IP of the switch. On Huawei switches, the display `arp` command can show IP addresses of directly connected servers and the interfaces they are connected to.

DHCP Server Lookup

If the switch obtains its IP address via DHCP, you can check the DHCP server or router's lease table. Look for the switch's hostname or MAC address in the client list...

Article Content

Feb 12, 2026

identify core switch on my network

First post go easy i searched the foruum and drew a blank if anyone could point me the right direction i would be grateful: I'm trying to

Mar 12, 2026

How do I find an intermediate switch's IP address on my LAN?

More specifically, I've tried the following command: `sudo nmap -sn <my-machine's-ip-address` but none of those IP

Feb 22, 2026

How to Find IP Address of a Switch?

How to Find IP Address of a Switch? Understanding Network Addressing Finding the IP address of a switch is crucial

Jun 01, 2026

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

Oct 17, 2025

How to find IP of switch connected to device?

Hello, you know the end device IP 10.0.0.1 and you know the router IP 10.0.0.254. a) connect to the router and use

Oct 07, 2025

Check all the active IP addresses on a switch

IP is a layer-3 protocol, and IP addresses are in the packet headers, which are encapsulated inside the ethernet

Jun 08, 2026

ECS4125 Series CLI Reference Guide

Alternatively, to set an IPv6 global unicast address for the switch, you must define the full address, including a network prefix and the

Nov 15, 2025

How to trace end user connected from which L2 switch

This should give you the definitive information on which switch and port the IP address is connected to. By following

Sep 13, 2025

How do I find the IP address of routers and switches on my network?

Finding IP addresses of devices like switches may be hard if they do not have an IP address in the subnet you are in

Dec 20, 2025

Cisco IOS

KB ID 0001258 Problem If you have a complicated network, you can spend more time finding out how it's configured, than actually

Apr 02, 2026

Solved: Trace network port

Solved: Hi, i have core switch 6509.I need to trace this server A is connected to which port in the Core Switch.I found

Aug 12, 2025

How to find a Cisco Switch ip address?

Cisco switches form the backbone of countless modern networks, facilitating data transfer between devices. Identifying

Dec 12, 2025

How to find ip address on Cisco Switch?

Cisco switches are fundamental components of modern network infrastructure, facilitating efficient data transmission

Jun 11, 2026

Solved: static hostname in core switch

First, having a domain name configured on the core switch is not strictly necessary for client DNS resolution. However,

Oct 19, 2025

How to find a Cisco Switch ip address?

This article provides a comprehensive guide to locating the IP address of a Cisco switch, covering various methods and

Feb 01, 2026

ECS2100 Series CLI Reference Guide

You can manually assign an IP address to the switch. You may also need to specify a default gateway that resides between this

Aug 17, 2025

Identify IP Address from a Switch Port

Environment: Catalyst 6513 at the core, dozens of 2900's and 3300's series switches and lots of VLAN definitions.

Mar 27, 2026

How to find the IPs connected to an Access Switch

In this figure, you can find a Core Switch and two Access switches connected to it. There are two end devices PC0 and PC1

Jan 18, 2026

How to find ip address on Cisco Switch?

This article provides a comprehensive guide to locating IP addresses associated with Cisco switches, covering various

Dec 12, 2025

Finding IP addresses of Switches and Wireless Lan Controller

There are several scanning options, but I have never needed any more than this scan to allow device discovery along

Jul 05, 2026

Core layer switches IP address for routing

For routing process I add a IP address of each Vlan's subnet that active on each Access and Distribution switches

Jul 22, 2026

How to track down which switch port a device is connected to on a

How to track down a computer, printer, network node etc.. by using only it's MAC Address: Telnet/SSH into your Layer

Jun 18, 2026

How do I find the IP of the SWITCH that I'm connected to?

Finding the IP address of the switch you're connected to depends on whether the switch is managed and whether

Feb 26, 2026

How to Find IP of a Switch?

Discovering the IP address of a network switch is crucial for management and troubleshooting. This article provides

Jan 11, 2026

How To Find A Switch IP Address?

Quickly learn how to find a switch IP address! This guide provides multiple, easy-to-follow methods for discovering the

Sep 27, 2025

How To Find A Switch IP Address?

How To Find A Switch IP Address: A Comprehensive Guide Quickly learn how to find a switch IP address! This guide

Jun 26, 2026

IP address lookup through Cisco switch

I am tracing down a device in our network that is tied to a particular vlan and I would like to know what command (if

Sep 02, 2025

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.

Sep 01, 2025

IP Address Conflict

Does this mean the Core Switch is somehow assigned this address? I have performed a show ip int br and show run |

Nov 11, 2025

Simple command to search MAC/IP address on my Cisco Switch

I assume all switches are managed ciscos? (If you don't have the mac address but you have the IP); go to a switch with an IP in the

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://greatpremiersolutions.co.za>

Email: sales@greatpremiersolutions.co.za

Phone: +27 82 914 3675

Address: Unit 5, Silicon Heights, 22 Electron Avenue, Cape Town, 8001, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

