

How to find the IP address of the access switch



AI Overview

You can find the IP address of an access switch using DHCP server logs, network scanning tools, or by accessing the switch's CLI or console interface. Methods to Find the Switch IP Address

1. DHCP Server Lookup If the switch is configured to obtain an IP address automatically via DHCP, you can check the DHCP server's lease table. Log into your router or DHCP server interface, navigate to the DHCP client list or attached devices, and look for a hostname or MAC address that matches the switch. The corresponding IP address is the switch's management IP.
2. Network Scanning Tools Tools like Nmap or Angry IP Scanner can scan your network for active devices. Configure the tool to scan your subnet and identify devices by MAC address or hostname. Managed switches often have identifiable hostnames or MAC addresses that help locate their IP.
3. Command-Line Interface (CLI) or Console Access If you have physical access, connect via a serial console cable or SSH (if previously configured). Commands such as `show running-config` or `show ip interface brief` on Cisco switches can display the IP address assigned to the management VLAN. For Layer 2 switches without an IP, you may need to configure a temporary IP on the management VLAN to access it.
4. Out-of-Band (OOB) Management Port Some switches have a dedicated OOB port with a default IP (e.g., 192.168.0.239). You can configure your computer with a compatible subnet and access the switch's web interface directly.

Important Considerations

Managed vs. Unmanaged Switches: Unmanaged switches do not have an IP address and cannot be accessed remotely. Only managed switches have a configurable management IP.

MAC Address Tracking: If you need to find devices connected to a specific access switch, you can trace the MAC addresses from the core switch or router using ARP tables and then check the...

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What I'm doing at the moment is: Run nmap (meh...) with just ping scan on the whole subnet (or scanning for telnet, since the switch has this port open) and afterwards check the ARP

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How To Find Switch IP Address

However, finding the IP address of a switch can sometimes be challenging, especially if you don't have access to its documentation or network infrastructure details. In this article, we will

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Find the ip address of Switch

Assuming the switch has had its IP configured on the subnet your test computer is on, run a subnet scan with an IP scanner and look for its MAC address. If you don't see it, open a cmd

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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 connected to Switch A and B respectively.

Router to Router Connection: Expand Your Home

IP Address Configuration of a Second Router Home network routers also use a default IP address setting depending on the model. The default IP

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Finding IP addresses on a switch

In general, you would ping the device (to refresh ARP and MAC tables), query the layer 3 switch for the MAC address, then follow the FDB entries for the MAC address just found out to the

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Finding IP address of a switch

You should be able to correlate the MAC addresses in the scan (the scan should show both MAC addresses and IP addresses) with a MAC address of the switch listed on a sticker on it to

IP-Discovery

Here we can see the IP address for our switch is "192.168.77.101." Open a browser and type in the IP address of the switch. This will take you to the web interface of the switch. Login using the "AV UI

How do I find the IP address of my NETGEAR fully managed switch?

This article describes different methods to find the IP address of a NETGEAR fully managed switch. When you know the IP address, you can access the audio video (AV) user

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

So to summarise, my main goal is to find the settings page of the switch and to do that I've tried scanning the network but none of the devices' addresses seem to be the switch's address.

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