

How to view the Mac of a core switch



Overview

Now, do a show mac-address command on the core switch or router. (from what I know you can check that by Switch#sh mac-address-table command) I mean say you are on switch1 what command do you use to check swicth1's mac address?

2) Does each switchport interface have a separate mac addresses for each. When performing troubleshooting or maintenance tasks on an enterprise network, it is sometimes necessary to identify the MAC address of particular devices (hosts, other switches, other network devices) that are connected to the network. On smaller networks, this is somewhat simple to achieve. To find the MAC Address on a Cisco switch port, we use the command show mac-address-table. Let's understand the step by step process under different scenarios. Connect to the Switch/Router by using a console cable or a terminal emulator like Putty or Secure CRT. If you are successful it should look something like this.



Article Content

Apr 24, 2026

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Sign in or sign up to Office using your Microsoft account for secure access to online services and applications.

Mar 08, 2026

Help with command to locate devices by MAC addresses on switches

Here's my scenario: I often install APs in buildings with multiple switches. The ports in these buildings are not marked and there can be as many as 10 switches in a building. I've tried

Feb 21, 2026

How to find the MAC address of the switch I am connected to?

Pinging your switch's management IP from a client PC (as long as they're in the same VLAN) should be all that's necessary for the switch to see the PC's MAC in the ARP table.

Dec 25, 2025

Commands to Find Device Mac Address on Cisco

At times, network and IT admins face challenge to find out which port of the switch is a specific device mac address coming from.

May 08, 2026

UNDERTALE for Nintendo Switch, PC / Mac,

UNDERTALE! The RPG game where you don't have to destroy anyone.

Aug 06, 2025

Not shows Mac address in the Core Switch

0 Hi everyone i have a question, i have a device connected to the port in the Core switch, It's for LAN connected to Secomia device and the LAN port is configured and we checked in the

Jan 02, 2026

Viewing the MAC addresses of connected devices

Lists the MAC addresses of the devices the switch has detected, on the specified ports. Lists the port on which the switch detects the specified MAC address. Returns the following message if the specified

May 08, 2026

Commands to Find Device Mac Address on Cisco

To find the MAC Address on a Cisco switch port, we use the command show mac-address-table. Let's understand the step by step process under

Jan 18, 2026

How to see mac address of the switch that you are currently on

1) I DO NOT mean the mac addresses that the switch has learnt. (from what I know you can check that by Switch#sh mac-address-table command) I mean say you are on switch1 what command do you

Oct 15, 2025

Switch Mac Address: What's It and How Does It Work?

Isn't an IP address sufficient? What exactly is a switch MAC address for? How does switch learn mac address? Simply put, a MAC (Media Access

Jul 16, 2025

How to find IP & MAC addresses on Cisco IOS Devices

As a Network Administrator/Engineer you may be asked to find MAC addresses and/or IP Addresses, hopefully this can make your job a little bit

Apr 22, 2026

Checking MAC Addresses on a Cisco Switch

Switches maintain a table of both static and dynamically learned IP addresses. Cisco switches have a number of special built-in addresses such as the 4 static address above. E.g., in the

Aug 28, 2025

How Do I Change Outlook To Classic View In 2026

How to Switch Back to Old Outlook on Mac If you value functionality over design, then you can follow the instructions below to learn how to revert to

Jun 27, 2025

HowTo: Find switchport for a MAC Address on a Cisco Catalyst Switch

MAC Address : 0000.1111.1111 Now, do a show mac-address command on the core switch or router. This will show the interface to which it is connected or through which it is learned. Core1# sh mac

Jul 22, 2025

From core : Finding Mac address and port interface of the end device ...

The mac table on the core will only contain addresses layer 2 adjacent through the core switch and show on the interface from core to the access switch where the device is located.

Jun 23, 2026

Finding a MAC address on the network

Hello, On an all Cisco Network if I know the MAC address of a device on the network but not what switch it is on is there anyway to find out the switch it is on and the port? thanks in advance!

Apr 06, 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 out that this is the correct way

Jan 23, 2026

Commands to find mac-address and IP on a port

Solved: Can someone show me the commands to find a mac-address on a switch and if I know the port I am looking to find it on, also how i find the IP address on that port

Dec 18, 2025

How to see mac address of the switch that you are currently on

Yes, each switchport has it's own MAC address, I think this is how the switch itself (ASICs) makes forwarding decisions. Not quite sure tho, there isn't too much info on this I could find on the fly.

Feb 03, 2026

Mac keyboard shortcuts

Mac keyboard shortcuts. By pressing certain key combinations, you can take actions that normally require a mouse or trackpad. Every app can have

Apr 15, 2026

How to Manage and Troubleshoot the Cisco MAC Address Table

Typing this into your Cisco device's command-line interface (CLI) will display all the MAC addresses learned by the switch and the specific ports associated with them.

Jan 15, 2026

HowTo: Find switchport for a MAC Address on a Cisco Catalyst Switch

From the above you know the MAC Address of for the device: Now, do a show mac-address command on the core switch or router. This will show the interface to which it is connected or through which it is

Nov 15, 2025

How to Find a Device MAC Address on a Cisco Switch

Locating a device's MAC address on a Cisco switch port is a fundamental skill for network administrators. Whether you're enforcing security measures,

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