

Checking the MAC address of the switch



Article Overview

You can check a switch's base MAC address using `show version` and view individual port MAC addresses using `show mac address-table`.

Base MAC Address of the Switch

To find the main MAC address of a switch, which is used for functions like STP and typically associated with VLAN 1, use the command:

```
CodeCopySwitch# show version
```

In the output, look for a line similar to:

```
CodeCopyBase ethernet MAC address: 0007.ECE1.5D18
```

This is the switch's primary MAC address and is often used as the identifier for the switch as a whole in Layer 2 operations .

MAC Addresses of Individual Ports

Each switch port can have its own MAC address, especially on Layer 3 switches where ports can be configured as routed interfaces. To see the MAC addresses learned on each port, use:

```
CodeCopySwitch# show mac address-table
```

This command displays a table showing VLANs, MAC addresses, the type (dynamic or static), and the port where each MAC address is learned. For example:

```
CodeCopyVlan Mac Address Type Ports-----5 00a1.b2c3.0001
DYNAMIC Gi0/16 00a1.b2c3.0002 DYNAMIC Gi0/1
```

Article Content

How to Find a Device MAC Address on a Cisco Switch

In this article, we'll explore how this can be done on Cisco-based networks ranging from a single switch to a larger enterprise network

How to Find a MAC Address on Nintendo Switch 2 or Nintendo Switch

Open System Settings on the HOME Menu. Scroll down through the menu and select Internet. The Nintendo Switch console's MAC

Switch MAC Address

Usually we do not need to know switch MAC address however, if you indeed need it this article of how to get MAC address of a

How to Find a MAC Address on Nintendo Switch 2 or Nintendo Switch

Scroll down through the menu and select Internet. The Nintendo Switch console's MAC address will be listed under System MAC

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

Contact Us

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