

Disable one MAC address on the core switch



Overview

Issue the mac access-list extended ACL_name cmd, add the host MAC (s) or addresses that you want to block. How can I block a dynamically learned MAC address on the switch?

I need to block a specific MAC address that has been learned by the switch.
02-15-2025 01:58 AM Befor mac add to table You can use 802. 1x which make SW prevent add mac into table until this mac is authc You cqn use port-securty add. Hi, We are using ProCurve 2530s and E3800 as our core switch. What I am wondering is how to block. There is "lockout-mac": HP-2920-48G (config)# lockout-mac help Usage: lockout-mac <MAC-ADDR>. Another option is to enable MAC security and to set the maximum MAC addresses allowed. The following is the example on ES3510MA. Topology: Here's the configuration: Setting "network-access mac-filter" Console (config)#network-access mac-filter 2 mac-address 00-E0-4C-68-01-5A Console. Dynamic DHCP (D-DHCP) is defined and a device can obtain different IP addresses with in the short period lease. I can't use ACL's because of DDHCP.



Article Content

Apr 14, 2026

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

Aug 29, 2025

Why Does a Switch Show the Same MAC Address on

In a well-managed network, MAC addresses are supposed to be unique identifiers tied to specific devices and switch ports. So, when your switch suddenly reports

Aug 10, 2025

How to specify the allowed mac address to a specific switch interface ...

show ethernet-switching table - This will show you all learned MAC addresses, however if you want to be more specific you can use the below command. # show ethernet-switching table |

Aug 17, 2025

MAC Address not captured on switch ports

In my environment we have 3750x switches running ios 15.0 (1) SE2. We have port security mac address sticky configured on all our switch ports. I noticed that we have several

Nov 07, 2025

Mac filtering on switches

You'd need to add switchport port-security violation shutdown to the interface (s) that you want to disable if too many MAC addresses are learned on the interface. The interface will enter err-disable mode

Mar 30, 2026

How to block the Dynamically learned MAC address from switch

Solved: Helloo, How can I block a dynamically learned MAC address on the switch? I need to block a specific MAC address that has been learned by the switch.

Aug 08, 2025

MAC address filtering (on LAN)

MAC filtering is certainly possible on the LAN. For example you can set the switch to only allow one registered MAC address (per port), that way if someone gets near an active port and tries

Sep 16, 2025

How to block specific MAC address in Cisco Switch

(config)# mac address-table static 0349.1245.95ca vlan 192 drop just repeat with as many VLANs that you wanted to deny access for the specific MAC

Oct 12, 2025

How to clear Mac-Address on a specific switch's port

Hi! How to clear MAC-Address on a specific switch's port Your help is very much appreciated.

Mar 30, 2026

How do a create an ALLOW mac address list for switches?

Hello We would like to control who can connect to our network. How do I create a list of ALLOWED mac addresses that are able to connect to our 9300 switches? Kind Regards Tony

Jan 20, 2026

MAC Addresses from Edge Switch Not Showing on Upstream Switches

I have a ws-c2960x-48fpd-l switch dual connected to a stacked ws-c3850-12xs configuration. The stacked 3850's are connected to a collapsed Core 4507. My issue is that some of

Mar 29, 2026

blocking a specific MAC address | Wired Intelligent Edge

However, we have one user who moves from office to office regularly and we want to be able to block his personal hub. I have read the documentatio about allowing certain MAC addresses but what

Mar 26, 2026

Limit ports access for particular MAC addresses only

Can I limit the port access of a Cisco catalyst 2950 switch to particular MAC addresses only? If so, how to configure it?

Aug 03, 2025

23 Best security settings to change on Windows 11 (2026)

The best security settings you should enable and configure on Windows 11, include virus and phishing protection, encryption, biometric, more.

Oct 28, 2025

mac-address learning disable (VLAN view)

To improve the device security, configure the VLANs where only packets with specified MAC addresses are allowed. After MAC address learning is disabled, the AR does not learn new MAC addresses

Jun 11, 2026

Cisco Nexus 3548 Switch NX-OS Layer 2 Switching Configuration

For Cisco Nexus 3548 switches, the MAC move learn disable threshold criteria is when a single MAC addresses moves 10 or more times in a duration of one second within the same VLAN.

Apr 08, 2026

clear mac address-table

Enter the clear mac address-table dynamic command to remove all dynamic entries from the table. The interface-number argument designates the module and port number. Valid values for interface

Oct 13, 2025

How to lock the specified MAC address on the port?

PC3 could receive ARP Request packet from switch, and reply ARP Reply to switch. Since I set the mac-filter on the switch, that's why switch didn't

Nov 29, 2025

Re: CoreSwitch MACAddress everywhere

Here the answer from one of our engineer: "The "core switch" is probably an L3 switch, meaning it replaces MAC addresses. So any traffic from end device to FGT through switch will arrive

Jun 28, 2025

how to allow one mac address in multiple ports in cisco

hi. i have enabled port-security sticky mode on my cisco switch.and i have set maximum mac address to 1 mac on all interfaces except one interface

Sep 05, 2025

mac-address learning disable (Interface view and VLAN view)

You can use the mac-address learning disable command to disable MAC address learning on an interface. The action performed on received packets can be set to discard or forward.

Dec 31, 2025

How to block specific mac address on specific port to block ...

Hi All i want to block a specific user mac address to use an specific port . i configured
acl #mac access-list ext block_pc (config-ext-macl)#deny host <mac of pc> any then
at port #int gi<any

Feb 15, 2026

Cisco switch mac address block

MAC address security is best if you permit the one or two allowed devices on an interface, usually a PC and a phone. If any other Mac address is

Jan 16, 2026

Mac filtering – How do you block a MAC address on your network ...

I have a Cisco network with multiple Layer-2 switches (CAT & IOS) connecting back to Core Layer-3 switches. Dynamic DHCP (D-DHCP) is defined and a device can obtain different IP

Dec 15, 2025

Configuring MAC Address Tables

You cannot enter a multicast address as a statically configured MAC address, both for IP multicast and non-IP multicast MAC addresses. This is not supported by the N3548 platform.

Oct 24, 2025

How to Enable MAC Address Filtering on Your Router

How do I turn off MAC address filtering? Simply go back into your router settings and either disable MAC address filtering entirely, or remove the filters you created.

Jul 19, 2025

block access based on Mac Address for all vlan

I want to block a MAC address on a switch no matter which vlan the MAC belongs to. I saw similiar command as the following: mac address-table static 0050.3e8d.6400
vlan 12 drop

Contact Us

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