

## Huawei switch MAC address access



### Overview

The display mac-address command displays the MAC address table of the switch. A MAC address entry contains the destination MAC address, VLAN ID or VSI, outbound interface, and entry type. A MAC address consists of 48 bits and is displayed as a 12-digit hexadecimal number. Bits 0 to 23 are assigned by the IETF and other institutions to identify vendors, and bits 24 to 47 are the unique ID assigned. In this video, I demonstrate how to view MAC addresses on Huawei S5700, S6700, S12700, S2700, and S3700 series switches. more In this video, I demonstrate how to view MAC. This document describes what a Media Access Control (MAC) address is, which MAC addresses are supported by switches, and how to configure MAC addresses on interfaces. However, the general approach is similar across different models. For example host A is connected to switch S1 on port 0/0/30.

## Article Content

### Why Is Displaying MAC Address Critical for Huawei Switch Security?

For Huawei switches, the command `display mac-address` isn't just a diagnostic tool—it's a frontline defense. Unauthorized devices, rogue access points, or even compromised hardware can infiltrate

### Example for Configuring MAC Address Limiting on an Interface

User network 1 and user network 2 belong to VLAN 10 and VLAN 20 respectively. On the Switch, MAC address limiting can be configured on GE0/0/1 to control the number of access users. Figure 3-14

### How to View MAC Address on Huawei S5700|S6700|S12700|S2700

In this video, I demonstrate how to view MAC addresses on Huawei S5700, S6700, S12700, S2700, and S3700 series switches. You'll learn step-by-step methods to find MAC addresses through both ...

### Example for Configuring MAC Address Limiting on an Interface

**Overview** The switch limits the number of MAC address entries based on VLANs or interfaces. In offices where clients seldom change, you can configure MAC address limiting to control

### MAC Address Table Configuration Commands

When you need to view the bridge MAC address of a device, run the `display bridge mac-address` command. # Display the bridge MAC address of a device. Indicates the bridge MAC address of a

### 01-02 MAC ADDRESS TABLE CONFIGURATION

When the switch exchanges data with connected workstations and servers, the switch records their MAC addresses, access interfaces, and VLAN IDs to facilitate unicast forwarding.

### Configuring MAC Address Bypass Authentication

This document describes the CLI-based configurations of universal protocols and common features for Huawei switches on basic networks.

Huawei/swtch.md at main · RodolfoBrandaoOficial/Huawei

**Huawei Switch Commands** ☐☐ This repository contains a comprehensive list of commands for configuring and managing Huawei Switches. These commands

### Configuring MAC Address-based VLAN Assignment

In MAC address-based VLAN assignment mode, when physical locations of users change, you do not need to reconfigure VLANs for the users. This improves security and access flexibility on a network.

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This will show you the IP addresses and MAC addresses of devices that have communicated with the switch recently. You can then use a MAC

[What is the default aging time of the MAC address table of Huawei ...](#)

[What is the default aging time of the MAC address table of Huawei switches A 300 from INFORMATIO G404 at Harward Institute of Management & Technology](#)

[Example for Configuring MAC Address Authentication to Control User ...](#)

**Configuration Notes** This configuration example applies to all switches running all versions. When you run the access-user arp-detect command to configure the IP address and MAC

[Configuring 802.1X and MAC Address Authentication for Access](#)

This document provides typical configuration examples for interoperation between Huawei switches and mainstream IP phones, Cisco ISE authentication servers, Cisco ACS authentication servers, Aruba

## 01-02 MAC ADDRESS TABLE CONFIGURATION

When the switch receives a packet, it searches the MAC address table for the MAC address of the destination. If the switch finds the MAC address, it forwards the packet from the corresponding

[MAC Addresses Available on S Series Switches \(V200\)](#)

**Introduction** This document describes what a Media Access Control (MAC) address is, which MAC addresses are supported by switches, and how to configure MAC addresses on interfaces.

[How Do I Know the System MAC Address of a Switch?](#)

[CloudEngine 16800, 12800, 9800, 8800, 7800, 6800, and 5800 Series Switches Troubleshooting Guide \(V100 and V200\) How Do I Know the System MAC Address of a Switch? To](#)

[Example for Configuring MAC Address Authentication to Control User ...](#)

Enable MAC address authentication so that the Switch can control network access rights of the dumb terminals in the physical access control department. Configure the user access mode to multi-authen

### Master 16 Huawei Switch Display Commands

This article breaks down 16 essential Huawei switch display commands, covering version info, VLAN settings, MAC address tables, and STP protocol checks. Learn to diagnose network

### How to View MAC Address on Huawei

In this video, I demonstrate how to view MAC addresses on Huawei S5700, S6700, S12700, S2700, and S3700 series switches.

### MAC Address Table Configuration Commands

Usage Scenario The MAC address table of the switch stores MAC addresses of other devices. When forwarding an Ethernet frame, the switch searches the MAC address table for the outbound interface

### Configuring the Sticky MAC Address Function

Configuring the Sticky MAC Address Function Context You can configure port security and set the maximum number of secure MAC addresses learned by an interface on networks demanding high

### How to configure a Static MAC Address Entry in Huawei Switch

A device cannot distinguish packets from authorized and unauthorized users when it learns source MAC addresses of packets to maintain the MAC address table. This causes network risks.

### Mac address not entering mac table of a huawei s5700 switch

We have a very strange problem, where certain ports refuse to learn the mac addresses of their hosts. For example host A is connected to switch S1 on port 0/0/30. Each packet to host A results in a

### Example for Configuring MAC Address Limiting on an Interface

S600-E Series Switches Typical Configuration Examples Example for Configuring MAC Address Limiting on an Interface Overview The switch limits the number of MAC address entries

## Contact Us

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