

How to assign IP addresses to H3C core switches



AI Overview

Assigning an IP address on an H3C core switch involves creating or selecting a VLAN interface, entering system view, and using the ip address command to set the IP and subnet mask.

Step-by-Step IP Configuration

Access the Switch CLI Connect via console cable, SSH, or Telnet. Use terminal software (e.g., SecureCRT, PuTTY) with standard serial settings: 9600 baud, 8 data bits, 1 stop bit, no parity. Log in with the appropriate username and password. Default credentials are often admin/admin.

Enter System View At the CLI prompt, type: `CodeCopy system-view` This allows you to configure system-level settings.

Create or Select a VLAN Interface If the management VLAN does not exist, create it: `CodeCopy vlan 10` Replace 10 with your desired VLAN ID.

Enter the VLAN interface view: `CodeCopy interface Vlan-interface 10`

Assign IP Address Set the IP address and subnet mask: `CodeCopy ip address 192.168.1.1 255.255.255.0` Replace 192.168.1.1 and 255.255.255.0 with your network's IP and mask.

Enable the Interface Ensure the VLAN interface is active: `CodeCopy undo shutdown`

Verify Configuration Check the IP assignment and interface status: `CodeCopy display ip interface brief` This shows all Layer 3 interfaces and their IP addresses.

Optional: Enable HTTP/SSH Access To manage the switch via web interface: `CodeCopy ip http enable`

For SSH access, configure the user and authentication: `CodeCopy local-user admin password irreversible-cipher YourPassword`

`local-user admin privilege level 15`

`local-user admin service-type ssh`

Replace YourPassword with a secure password.

Save Configuration To ensure settings persist after reboot: `CodeCopy save`

Notes H3C switches support both Layer 3 Ethernet interfaces and VLAN interfaces for IP assignment. IP addresses must be unique within the network and should not use reserved addresses like 0.0.0.0 or 127.x.x.x. For int...

Article Content

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Now, many H3C switches and routers come with a WEB graphical interface by default, which makes operation and management very convenient. But sometimes, the web interface of some

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Comware V9

H3C can combine features flexibly with ease to build Comware offerings that address diversified customer demands. Comware 9 supports internal, external,

H3C S5830 Switch Series Configuration Examples

Configuration procedures Configuring IP addresses # Assign an IP address to each interface as shown in Figure 1. Make sure the client, Switch A, and the RADIUS server can reach

H3C Switch Configuration | VLAN Configuration and Assign IP

Hello Friends, In this video I will show you H3C Switch Configuration | How to configure Vlan in H3C Switch, How to Create VLAN in H3C Switch, How to Assign IP Address to VLAN...

H3C WLAN Controller Configuration | Enterprise

We will configure default static configuration on WLAN Controller toward Switch, from switch to Firewall & on Firewall toward Internet ISP &

H3C Switch Basic Configuration | VLAN | DHCP Server

In this video, I have explained the basic configurations of an H3C switch, including:
Setting the hostname Creating VLANs Assigning IP addresses

Basic CLI Commands on H3C Switch

To save the VLAN configuration, use: save Assigning IP to VLAN on an H3C Switch:
Connect to your switch via SSH or Telnet. Determine the VLAN ID and create

H3C S6820 Switches Cross-Subnet Dynamic IP Address

The hosts at the branches obtain IP addresses and other configuration parameters from the DHCP server. The hosts at the branches cannot access the network by using manually configured IP

Basic CLI Commands on H3C Switch

Learn how to create users, VLANs, enable Telnet and SSH, configure Spanning Tree Protocol, enable DHCP snooping, define trunk ports, and create access

Contact Us

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