

H3C Switch Core Switch Configuration



Article Overview

Configuring an H3C core switch involves setting up management access, VLANs, routing, DHCP services, and security features to ensure reliable and secure network operation.

Step 1: Access the Switch

Connect to the H3C core switch using a PC with a terminal emulation program via console, SSH, or Telnet. Log in with administrator credentials to enter the command-line interface (CLI) or web-based management interface if supported .

Step 2: Configure Management IP

- Avoid using VLAN 1 as the management VLAN; create a dedicated management VLAN (e.g., VLAN 5).
- Assign an IP address to the management interface:

```
CodeCopy interface Vlan-interface 5[Switch-Vlan5] ip address 192.168.1.1 255.255.255.0
```

- Enable Telnet or SSH for remote management:

```
CodeCopy stelnet server enable rsa local-key-pair create ssh server enable
```

Step 3: Configure VLANs and Inter-VLAN Routing

- Create VLANs for different departments or services:

```
CodeCopy vlan 10[Switch-vlan10] quit vlan 20[Switch-vlan20] quit
```

- Assign IP addresses to VLAN interfaces for Layer 3 connectivity:

Article Content

H3C S7500X Enterprise Core Switch Series

The H3C S7500X series switch is designed for the next-generation enterprise core networks. It adopts modular design, uses H3C's

H3C S5120-EI SERIES SWITCH COMMAND REFERENCE MANUAL

Download this manual See also: Configuration Manual, Operating Manual H3C S5120-EI Series Ethernet Switches Fundamentals

H3C S5800 SWITCH CONFIGURATION MANUAL | ManualsLib

It describes how to log in to the H3C open application platform (OAP) card connected to your switch and reset the operating system

H3C Campus Fixed-Port Switches Web-Based Configuration Guide

The H3C Campus Fixed-Port Switches Web-Based Configuration Guide describes the web functions of the H3C Campus Fixed-Port

H3C S1600V2 Switch Series Web Configuration Guide

Navigation pane—Provides the Web menu for device functions in a tree structure. You can easily select function menus in the

H3C Switch Command Mastery: Streamlined Configuration

This article provides a hands-on guide to 50+ essential H3C switch commands, revealing hidden shortcuts and best practices

H3C S10500X-G Series Next Generation Core Switch

H3C S10500X-G Series Next Generation Core Switch - The contents are applicable only to regions outside mainland China. H3C

H3C S5800 SWITCH CONFIGURATION MANUAL | ManualsLib

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