

Core Switch H3C Routing Configuration



Article Overview

H3C core switch routing involves configuring VLAN interfaces, assigning IP addresses, setting up inter-VLAN routing, and defining static or dynamic routes to the egress router.

Management and VLAN Setup

- Log in to the switch via console, SSH, or Telnet using a management VLAN (avoid VLAN 1 for security). Assign an IP address to the management VLAN interface or the dedicated management Ethernet interface for device access .
- Create VLANs for different departments or network segments:
vlan 10[Switch-vlan10] name DepartmentA vlan 20[Switch-vlan20] name DepartmentB
- Assign IP addresses to VLAN interfaces to enable inter-VLAN routing:
interface Vlan-interface 10[Switch-Vlan-interface10] ip address 192.168.10.1 255.255.255.0 interface Vlan-interface 20[Switch-Vlan-interface20] ip address 192.168.20.1 255.255.255.0

Routing Configuration

- Enable IP routing on the core switch:
ip routing
- Configure a default route pointing to the egress router for external connectivity:
ip route-static 0.0.0.0 0.0.0.0 192.168.100.1 Here, 192.168.100.1 is the IP of the egress router on VLAN-interface 100 .
- Optional static routes for specific networks:
ip route-static 192.168.30.0 255.255.255.0 192.168.100.2...

Article Content

H3C S5830 Switch Series Configuration Examples

Switch A uses a RADIUS server (Switch B) to perform RADIUS-based 802.1X authentication and authorization. The

H3C Switch Layer 3 Routing FAQ: Expert Answers to Technical ...

This FAQ addresses the most common technical questions regarding H3C switch routing, from licensing requirements and protocol

How To Configure H3C Switch (UPDATED)

Whether you're a network administrator or just starting out with networking, this video will provide you with 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 S5120-EI Series Configuration Commands

View and Download H3C S5120-EI Series configuration commands online. Layer 3 - IP Routing Command Reference. S5120-EI

H3C Switch Basic Configuration | VLAN | DHCP Server | Static

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

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

Master the Basic Command Configurations of Huawei, H3C, Ruijie,

As technology advances, networking switches have become an integral part of the IT infrastructure. They play a

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 S5800 SERIES SWITCH CONFIGURATION MANUAL

Page 3 Preface The H3C S5800& S5820X documentation set includes 11 configuration guides, which describe the software features

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

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://watermanfinance.co.za>

Email: sales@watermanfinance.co.za

Phone: +49-176-8294713

Address: Neue Mainzer Str. 66-68, 60311 Frankfurt am Main, Germany

This document is for informational purposes only. Specifications subject to change without notice.

