

Huawei Layer 3 Core Switch Configuration



Article Overview

Huawei Layer 3 switches are configured by setting VLANs, assigning IP addresses to VLANIF interfaces, enabling routing, and optionally configuring DHCP or NAT for inter-VLAN and Internet access.

Basic Configuration Steps

1. Accessing the Switch

- Connect via console cable or Mini USB to the switch.
 - Log in using the default credentials (admin/admin@huawei.com for V200R010C00 and later) and change the password immediately for security .
- #### 2. Setting the System Name
- Enter system view and assign a hostname:

```
system-view sysname CORE
```

This helps identify the switch in the network .

3. VLAN and VLANIF Configuration

- Create VLANs for different network segments:

```
vlan batch 10 20 30
```

- Assign interfaces to VLANs and configure them as access or trunk ports:

```
interface GigabitEthernet 0/0/1[CORE-GigabitEthernet0/0/1] port link-type access[C...
```

Article Content

Deploying an S Series Switch as a Layer 3 Switch on a LAN

4. Configuring Redirection for Policy Routing on S Series Switches 5. Configuring Floating Static Routes on S Series Switches 6.

Huawei S Series Quick Configuration

View and Download Huawei S Series quick configuration online. Campus Switches. S Series switch pdf manual download. Also for:

HUAWEI S6700 SERIES CONFIGURATION MANUAL Pdf Download

BFD sessions are used to quickly detect and monitor the connectivity of links on a network. Background See the S6700 Series

Layer 3 Switching

This document describes the configuration of Ethernet services, including configuring link aggregation, VLANs, Voice VLAN, VLAN

Huawei Switch Configuration Guide

This document provides instructions for configuring Huawei switch commands. It discusses starting a configuration session, viewing

Example for Configuring a Layer 3 Switch to Work with a Router for ...

Layer 3 switches provide the routing function, which indicates a network-layer function in the OSI model. Layer 3 switches can work

VLAN Routing with Layer 3 Switch on Huawei

In this lesson we will learn Layer 3 VLAN Routing with VLAN Routing Huawei Configuration Example. We do not need any other

SME Network Solution Typical Configuration Examples

"Gateway + Core Switch + Access Switch + AP + AR180" Networking: Huawei eKit Cloud Management "Gateway + Core Switch +

Huawei Switch Configuration Guide

The document provides configuration instructions and commands for basic switch configuration using Huawei switches. It covers

Native AC Solution: Core Switches Function as the Gateway for Wired

Configure the core switches to function as the DHCP server to assign IP addresses to APs and users. # Configure the function of

Huawei eNSP-Layer 3 switching configuration

Another way to achieve mutual access between different network segments and different vlan hosts is to configure Layer 3 switching,

Huawei S Series Quick Configuration

Small- and Mid-Sized Campus Networks This section uses the S2750 as an access switch (ACC1), S5700 as a core switch (CORE),

Layer 3 Switching

Layer 3 switches divide a Layer 2 network into multiple VLANs. They implement Layer 2 switching within the VLANs and Layer 3 IP

Layer 3 Switching

The following is the detailed Layer 3 switching process. As shown in Figure 2-7, the source and destination hosts connect to the

Switching an Interface to Layer 3 Mode

Switch an interface to Layer 3 mode on Huawei devices with this technical guide for seamless network configuration and management.

Huawei Layer 3 Switch Layer 2 and Layer 3 Port Switching

Because Huawei switch ports work in Layer 2 mode by default, when we need to use Layer 3 functions, we need to switch the

Switching an Ethernet Interface to Layer 3 Mode

Verifying the Configuration Run the display interface [interface-type [interface-number]] command in any view or the display this

Contact Us

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