

Basic Configuration of Huawei Access Switches



AI Overview

Huawei access switches can be configured via console, SSH, or WebUI to set management IPs, VLANs, port modes, and enable Telnet/SSH for network management. Initial Access and Login Connect to the switch using a console cable (USB-C or Mini USB) or via SSH if already networked. Open a terminal emulator (e.g., PuTTY) and set serial parameters: typically 9600 bps, 8 data bits, no parity, 1 stop bit, no flow control. Login using the default credentials: admin / admin@huawei.com for newer firmware. Change the password immediately for security. Management IP Configuration Create a management VLAN (e.g., VLAN 5): `CodeCopy vlan 5` Assign the management interface to the VLAN: `CodeCopy interface Vlanif 5[HUAWEI-Vlanif5]` ip address 192.168.1.10 255.255.255.0 Verify connectivity with ping to ensure the switch is reachable. User and Telnet/SSH Setup Create a local user for Telnet/SSH access: `CodeCopy[HUAWEI-aaa] local-user admin password irreversible-cipher YourPassword[HUAWEI-aaa] local-user admin privilege level 15[HUAWEI-aaa] local-user admin service-type telnet` Enable Telnet or SSH on the switch to allow remote management. VLAN and Port Configuration Assign access ports to VLANs: `CodeCopy interface GigabitEthernet0/0/1[HUAWEI-GigabitEthernet0/0/1]` port link-type access[HUAWEI-GigabitEthernet0/0/1] port default vlan 10 Configure trunk or hybrid ports for uplinks: `CodeCopy interface GigabitEthernet0/0/2[HUAWEI-GigabitEthernet0/0/2]` port link-type trunk[HUAWEI-GigabitEthernet0/0/2] port trunk allow-pass vlan 10 20 30 Verify port configuration using `display interface GigabitEthernet0/0/1`. Layer 3 and VLANIF Configuration For Layer 3 communication between VLANs, configure VLANIF interfaces on the core switch: `CodeCopy interface Vlanif 10[HUAWEI-Vlanif10]` ip address 10.10.1.1 255.255.255.0 Connect to an egre...

Article Content

Huawei Switch Configuration Guide | PDF | Internet Protocols

The document provides configuration instructions and commands for basic switch configuration using Huawei switches. It covers topics such as changing the hostname, configuring user accounts and

Example for Performing Basic Configurations on a Switch at First

This document describes the configurations of Basic, including CLI Overview, EasyDeploy Configuration, USB-based Deployment Configuration, Logging In to a Device for the

How to do Starting Configuration of Huawei Ethernet Switch S5735

In this video, we configure huawei network switch s5735 and S5700 series. first, go through the initial mode to access GUI (graphic user interface) web page. then set ip for switch, set user ...

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

Configuration Roadmap The configuration roadmap is as follows: Configure the switch as the gateway of users to allow users to communicate across network segments through VLANIF interfaces. Configure

HUAWEI SWITCH BASIC CONFIGURATIONS WITH EXAMPLE(5

Access port config: An access port belongs to and carries the traffic of only one VLAN within 2-layer switch. Traffic is both received and sent in native formats with no VLAN tagging...

Master the Basic Command Configurations of Huawei,

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

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Huawei Switch Configuration Tutorial Basic

Shahed Israr is a Network Engineer specializing in GPON, FTTH, and telecom access network technologies. With hands-on experience in Huawei OLT

S Series Campus Switches Quick Configuration (V200)

This document describes how to log in Huawei S series switches for the first time and fast configure the switches, and describes the procedures of configuring unconfigured switches in three

Basic Configuration on the Device at First Login

Basic Configuration on the Device at First Login Context This section describes how to configure the time and date, device name, management IP address, and the user level and authentication mode

Huawei Switch Basic Configuration Step by Step

☐☐ In this video, I will show you step by step on how to configure Huawei switch using an actual device with the latest firmware version. ☐☐ We will go through the very basic configuration ...

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Basic Configuration

Provides basic configuration guidance for Huawei CloudEngine switches, including initial setup and network configurations.

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Basic Configuration

After logging in to a switch for the first time through the console port, perform basic configurations, and set the user privilege level to 15 and authentication mode to AAA for users 0-4

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Configuration Guide

CX91x Series Switch Modules V100R001C00 Configuration Guide 09 This document provides the basic concepts, configuration procedures, and configuration examples in different application scenarios of

Basic CLI Commands on Huawei Switch

This text is a guide detailing Basic Command Line Interface (CLI) Commands on Huawei brand switches. It provides step-by-step instructions for users to perform

Huawei Switch Configuration Guide

The document provides configuration steps for a network switch including setting the console parameters, creating VLANs, configuring switch and port settings,

Huawei switch configuration commands | DOC

The document provides a comprehensive guide on Huawei router and switch configuration commands, detailing various commands for managing IP addresses, routing, VLANs, and user privileges.

Huawei Switch Basics | Step-by-Step Guide for Beginners | Huawei ...

In this video, we'll cover the fundamental concepts of Huawei switches — perfect for beginners who want to start their journey in networking. You'll learn what a switch is, how it works,...

Contact Us

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