

Huawei Network Access Switch Configuration



AI Overview

Huawei network access switches can be configured via CLI or web interface to set up VLANs, user access, port assignments, security policies, and QoS for a secure and efficient network.

Initial Setup

Power on and connect: Install the switch and connect via console port or SSH for initial access (Huawei S series switches support V200R003C00 and later).

Login: Use default credentials or create a new user with AAA commands. Example: `local-user USERNAME password irreversible-cipher PASSWORD service-type ssh`.

Save configuration: After login and initial setup, save changes using `save` to make them permanent.

VLAN Configuration

Create VLANs: Use `vlan 10` to create VLAN 10.

Assign ports: Enter interface mode `interface GigabitEthernet 0/0/1` and assign it to VLAN with `port link-type access` and `port default vlan 10`.

Verify: Use `display vlan` to confirm VLAN assignments.

Port and Interface Settings

Configure port speed, duplex, and status using interface commands. Enable or disable ports as needed with `shutdown` or `undo shutdown`. Check interface status with `display interface GigabitEthernet 0/0/1`.

Security and Access Control

Enable SSH/Telnet: `stelnet server enable` for SSH or `telnet server enable` for Telnet.

Access Control Lists (ACLs): Filter traffic by IP, protocol, or port to prevent unauthorized access.

Local authentication: Optionally enable local user authentication for management access.

Quality of Service (QoS)

Configure QoS to prioritize critical traffic like VoIP or video conferencing. Use commands to define traffic classes and assign bandwidth limits to ensure smooth network performance.

Spanning Tree Protocol (STP)

Enable STP to prevent loops in Layer 2 networks: `stp enable` and configure priorities or port roles as needed.

Firmware and Maintenance

Regularly update firmware to patch vulnerabilities and maintain compatibility.

Article Content

Quick Settings

If not, manually select and connect to the WLAN. If This WLAN network has no Internet access. Connect anyway? message is displayed when you connect to the built-in WLAN, tap CONNECT. Otherwise,

[Other/out.txt at master · Foxplot/Other · GitHub](#)

Contribute to Foxplot/Other development by creating an account on GitHub.

Overcoming Network Bottlenecks: Enterprise Configuration Manual for ...

In the realm of carrier-grade access networks, the stability of the Passive Optical Network (PON) port is the cornerstone of service delivery. When a Huawei OLT PON port goes offline, the impact is

The Ultimate Guide to Huawei MA5800 OLT Configuration:

The Huawei SmartAX MA5800 OLT is more than an access device; it is a high-density aggregation platform that redefines the capabilities of the edge network. By integrating a distributed architecture,

Huawei Network Switch Configuration guide | Step-by-Step CLI

📺 Learn how to fully configure a Huawei S5700 Series switch step-by-step using real CLI commands!

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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

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User manuals, Huawei Switch Operating guides and Service manuals.

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

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

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

Huawei S Series Quick Configuration

Small-Sized Campus Networks This section uses the S2750 as an access switch (ACC1), S5700 as a core switch (CORE), and an AR series router as an egress router (Router) as examples to

Marvell Technology, Inc. | Essential technology, done right

Marvell designs custom silicon tailored for any application and offers the industry's most comprehensive portfolio of interconnects and network switch products.

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

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

Huawei S3700, S5700 and S6700 Switches Support Guide, Manuals

S3700& S5700& S6700 Series: Access product manuals, HedEx documents, product images and visio stencils.

Example for Configuring a Layer 2 Switch to Work with a Router for ...

This guide provides steps to configure a Layer 2 switch with a router for seamless internet access.

huawei switch cheat sheet · GitHub

Access the switch console or CLI: Connect to the switch console using a terminal emulator or access the switch CLI remotely through SSH or Telnet. Enter privilege mode: If you're

Huawei S Series Quick Configuration

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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...

Troubleshooting Huawei NetEngine Router: Configuration,

Overview & Thematic ScopeWelcome to the definitive technical FAQ for network engineers and IT administrators facing password recovery scenarios on Huawei NetEngine routers. This guide

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