Huawei S5300 Core Switch Configuration



Overview

View and Download Huawei Quidway S5300 Series quick start manual online. Quidway S5300 Series switch pdf manual download.

Key Takeaways

Huawei S5300 core switches can be configured via CLI for device management, VLANs, port assignments, and remote access using SSH or Telnet.

Initial Setup and Device Management

Connect to the switch using the console port or SSH for remote access ( ). Log in with the default username and password. Set the device name for identification: CodeCopysystem-viewsysname S5300-Core Configure the management IP address on a VLAN interface to enable remote management: CodeCopyinterface Vlanif 1ip address 192.

168. 1. 1 255.



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255. 255. 0 Set the device time for accurate logging: CodeCopyclock datetime 2026-05-16 10: 00: 00 User and Remote Access ConfigurationCreate a new user and assign privileges: CodeCopylocal-user admin password irreversible-cipher YourPasswordlocal-user admin privilege level 15local-user admin service-type ssh telnet Enable Telnet or SSH for remote access: CodeCopystelnet server enablessh server enable Verify user and access settings: CodeCopydisplay local-userdisplay ssh server VLAN and Port ConfigurationCreate VLANs: CodeCopyvlan 10vlan 20 Assign ports to VLANs: CodeCopyinterface GigabitEthernet0/0/1port link-type accessport default vlan 10 Verify VLAN assignments: CodeCopydisplay vlandisplay interface GigabitEthernet0/0/1 Spanning Tree Protocol (STP) ConfigurationEnable STP globally: CodeCopystp enable Configure a port as an STP edge port: CodeCopyinterface GigabitEthernet0/0/2stp edged-port enable Check STP status: CodeCopydisplay stpdisplay stp edged-port Saving and Verifying ConfigurationSave the configuration to make it persistent: CodeCopysave Verify settings: CodeCopydisplay current-configurationdisplay interface brief Best PracticesAlways backup configurations before making major changes.

Use strong passwords and limit remote access to trusted IPs. Regularly monitor VLAN and STP status to prevent loops and misconfigurations. Follow grounding and installation guidelines as per the S5300 hardware manual ( ).

This configuration provides a secure, manageable, and scalable setup for Huawei S5300 core switches, suitable for enterprise network environments.

Article Content

HUAWEI QUIDWAY S5300 SERIES QUICK START

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CloudEngine S5300 Series Switches About This Document

To obtain reference standards and protocols, log in to Huawei official website, search for "standard and protocol compliance list", and download the Huawei S- Series Switch Standard and Protocol

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), and an AR series router as an egress router (Router) as examples

HUAWEI Quidway S5300 series Network Switche V100R005C00 Manual

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This document introduces the product positioning and features, product architecture, link characteristics, business characteristics, application scenarios, operation and maintenance, and technical indicators

Quidway S5300 Configuration Guide

Quidway S5300 Configuration Guide - Basic Configuration (V100R003_01) - Free download as PDF File (.pdf), Text File (.txt) or read online for free. Huawei Technologies Co., Ltd.

How to Save Configuration in Huawei Switch? Can Proper Backups

Imagine spending hours fine-tuning your Huawei switch''s VLANs, ACLs, and QoS rules—only to lose everything during a routine reboot. Saving configurations isn''t just a box-ticking ...

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

NetEngine 8000 Series Routers

Next-generation, full-service, intelligent routers designed to serve as enterprise WAN core, large enterprise network access nodes, DCI nodes, and campus or

HUAWEI MateBook X Pro Core Ultra Premium Edition

HUAWEI MateBook X Pro Ultra Premium Edition: A lightweight 980 g laptop, with a futuristic Skyline Design, flexible OLED Real Colour Display, high-performance

Huawei S5720 Switch Basic Configuration | How To Reset Huawei Switch ...

#huawei #howto #reset Friends, in this video, we will be discussing a Switch from Huawei. We will show you how to configure a Wi-Fi switch and change the password of the switch.

Enterprise High-Availability: VRRP, MLAG & ECMP Explained

The Core Layer (ECMP): Deploy high-performance Huawei CloudEngine or Ruijie 800G core switches. Run OSPF/BGP with ECMP to ensure massive routing capacity and Active/Active

Saving the Configuration File

Before saving configurations, the system compares the configurations with those in the configuration file. Automatic saving of configurations is triggered in the following scenarios:

Quidway S5300 Series Metro Ethernet Switches

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Abstract: This document describes the configurations of Quidway S5300 series Metro Ethernet switches (hereinafter referred to as the S5300), including the product overview, basic networking mode,

Huawei S5300-28X-LI-24S-DC Switch 24x Gig SFP 4x 10G SFP+ DC

Huawei S5300-28X-LI-24S-DC Overview The Huawei S5300-28X-LI-24S-DC is an enterprise-class Gigabit switch designed for reliable fiber aggregation in metro, campus, and enterprise networks.

Huawei CloudEngine S6750-H Series 100GE Switches Datasheet

Introduction Huawei CloudEngine S6750-H series 100GE switches are next-generation enterprise-class core switches that offer high performance, high reliability, cloud management, and intelligent

Typical Stack Configuration of Fixed Switches

S300, S500, S2700, S3700, S5700, S6700, S7700, and S9700 Series Switches Typical Configuration Examples (V200) This document provides campus networks typical configuration examples and

How to Reset a Huawei Switch | Step-by-Step Guide

Title: How to Reset a Huawei Switch | Step-by-Step Guide For Huawei Configuration Contact to 7982145245 Description: In this video, we''ll walk you through the simple steps to reset your Huawei ...

9 Query Commands for Huawei Switches

In the modern network environment, switches, as the core equipment of the network, are responsible for key tasks such as data forwarding, traffic management, and network security. In order

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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