

Huawei Switch Access Port Configuration



Overview

S600-E Series Switches Typical Configuration Examples Configure interface-based assignment on the access switch to implement Layer 2 interworking. Configure.

Key Takeaways

To configure an access port on a Huawei switch, set the port link type to access, assign it to a VLAN, and enable the port using CLI commands.

Step-by-

Step Configuration

Access the Switch CLI Connect via SSH or console cable. Log in with your username and password. Enter System View `CodeCopy system-view` This command allows you to enter configuration mode.

Select the Interface `CodeCopy interface GigabitEthernet 0/0/1` Replace 0/0/1 with the port you want to configure. Set the Port as an Access Port `CodeCopy port link-type access` This ensures the port carries traffic for a single VLAN only (). Assign the VLAN `CodeCopy port default vlan 10` Replace 10 with the VLAN ID you want the port to belong to ().

Enable the Port `CodeCopy undo shutdown` This activates the port so it can forward traffic (). Optional Security and QoS `CodeCopy port-security enable` `CodeCopy port-security mac-address sticky` Apply rate limiting to prevent traffic floods: `CodeCopy qos lr outbound cir 100000` Use ACLs to restrict access: `CodeCopy acl 3000` These steps help secure the port against unauthorized devices and excessive traffic (). Verify Configuration `CodeCopy display interface GigabitEthernet 0/0/1 display vlan` Ensure the port is in access mode, assigned to the correct VLAN, and operational ().

Save ConfigurationCodeCopysave This ensures the configuration persists after a reboot.

Notes

Access ports carry traffic for only one VLAN and do not tag frames (). Changing a port from trunk or hybrid to access may delete existing VLAN configurations on that port; confirm prompts when changing link types (). Always verify the port status and VLAN assignment after configuration to avoid connectivity issues.

By following these steps, you can configure a Huawei switch port as an access port, assign it to a VLAN, enable it, and optionally secure it for production use.

Article Content

S600-E Series Switches Typical Configuration Examples

Configure interface-based assignment on the access switch to implement Layer 2 interworking. Configure access switches as gateways of PCs to implement communication between PCs on

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...

Typical VLAN Configuration

The configuration of the access switch is simplified, and PCs access the external network through one outbound interface, thereby facilitating maintenance and management.

Basic CLI Commands on Huawei Switch

The text covers tasks such as creating a user, VLAN configuration, port settings, enabling SSH and Telnet services, configuring Spanning Tree Protocol (STP),

Configuring ports on Huawei switches

I will give an example of setting up ports on Huawei switches. For the test, I will execute commands on the Huawei Quidway S2326TP-EI. After we connect to the switch, go to the

Configuring access, trunk, and hybrid ports on Huawei switches and ...

In Ethernet, layer-2 switching devices communicate by identifying MAC addresses. The data link layer defines the point-to-point transmission and builds the logical line.

Configuration of VLAN, trunk, access and hybrid in Huawei switches

Huawei switch configuration and: detailed explanation of access, trunk, and hybrid ports Many friends have asked about the configuration of Huawei switches many times, and they do use a lot.

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Descriptions are provided for access, trunk, and hybrid port types as well as for configuring port security, interface speed/duplex settings, and descriptions. Verification commands are listed to check the

How to Enable Ports in Huawei Switch? Could Open Ports Unlock

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Regularly backing up the device configuration is also critical to facilitate a quick recovery in any scenario . Q8: What are the typical serial port parameters for connecting to a Huawei NetEngine router's

How can I log in to my HUAWEI router's web-based management page

The operation interface may vary depending on the router model and version of the App or configuration page. The actual interface prevails. For certain products, if you use WPS for the initial network setup,

S600-E Series Switches Typical Configuration Examples

Configuration Roadmap The configuration roadmap is as follows: Configure interface-based assignment on the access switch to implement Layer 2 interworking. Configure access switches as gateways of

MA5801 | OLT | FTTH | Huawei Enterprise

As optical fiber access nodes keep moving closer to end users, OLTs are closer to end users. Deployment scenarios are complex and diversified. In this case,

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How to Enable Ports in Huawei Switch? Could Open Ports Unlock

Configuring ports on a Huawei switch is a fundamental yet critical task for network administrators. Whether you're setting up a new network segment or troubleshooting connectivity

Huawei S5700-LI 24-port switch buying guide

The phrase "Huawei 24 port LI switch" primarily refers to Huawei's S5700-LI series of gigabit enterprise switches. In the 2026 market landscape, this product remains a cornerstone for energy-efficient

What Is the Default Username and Password for Cisco Switches?

Learn the default Cisco switch username and password. Discover which models use "cisco/cisco," why most have no defaults, and how to secure login access

Overcoming Network Bottlenecks: Enterprise Configuration Manual for ...

Core Architecture & PON Port Switching Logic To effectively troubleshoot, one must first understand the architecture. The Huawei OLT, particularly the MA5800 series, is a high-density distributed system.

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