

Article Overview

To bring a port up on a Huawei core switch, use the CLI to enter system-view, select the interface, execute undo shutdown, assign a VLAN, and save the configuration.

Step-by-Step Guide to Enable a Port

- o Access the Switch CLI Connect via SSH or a console cable and log in with your administrative credentials .

- o Enter System-View

system-view This command allows you to configure the switch .

- o Select the Target Interface Replace GigabitEthernet 0/0/1 with your port ID:

interface GigabitEthernet 0/0/1

- o Activate the Port

undo shutdown This command brings the port up and enables traffic flow .

- o Assign VLAN and Link Type For access mode:

port link-type accessport default vlan 10 For trunk mode, specify allowed VLANs:

port link-type trunkport trunk allow-pass vlan 10 20 30 For hybrid mode, configure both access and trunk VLANs as needed .

- o Apply Port Security (Recommended)

port-security enableport-security mac-address sticky Optionally, limit bandwidth to prevent traffic floods:

qos lr outbound cir 100000 Use ACLs to restrict access to trusted IPs:

acl 3000 These steps help secure the port against unauthorized access .

- o Verify Port Status

display interface GigabitEthernet0/0/1 This command shows whether the port is up and operational .

- o Save Configuration

save Ensures the configuration persists after a reboot .

Additional Considerations

- o VLAN Assignment: Ensure the VLAN exists before assigning it to the port. Use vlan batch 10 20 to create multiple VLANs .

- o Trunking and LACP: For aggregated links, configure Eth-Trunk with mode lacp-static or mode lacp-dynamic for load balancing and redundancy .

- o Monitoring: Use display vlan and display interface commands to monitor port activity and troubleshoot connectivity issues . Following these steps will bring a Huawei core switch port up safely, assign it to the correct VLAN, and maintain network security and performance.

In the modern network environment, switches, as the core equipment of the network, are responsible for key

Huawei Core Switch Port Up

tasks

I will give an example of setting up ports on Huawei switches. For the test, I will execute commands on the Huawei

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That's where Huawei's gear shines, especially with its port switch command Huawei, a simple yet powerful instruction that lets you

Information on user device interfaces shall prevail. Differences will not be described in the document. For the S series switches,

Configuring the Core Switch Context In this scenario, IP addresses of the interfaces connecting the core switch to the

physischen Schnittstellen des Ausgangsrouters konfigurieren, die mit den Core- Switches verbunden sind. Um den

This guide explains how to enable or disable an interface on Huawei devices, including principles, configurations, and examples for

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

Huawei Technical Support

Ensure that PC2 and the switch are routable to each other. Figure 5-2 Networking diagram for performing basic

How to Troubleshoot port failures for S Series Switches? Huawei S series switch port

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



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