Huawei Switch Access Ports

Overview

How to Enable Ports in Huawei Switch?

Could Open Ports Unlock This guide dives into the step-by-step process of port configuration on Huawei switches, whil.

Key Takeaways

Huawei switches feature various ports that can be configured for different network functions, including access and trunk ports, VLAN management, and security settings. Types of Ports on Huawei SwitchesAccess Ports: These ports are used to connect end devices like computers and printers to the network. They typically belong to a single VLAN and are configured to carry traffic for that VLAN only.

To configure an access port, you would use commands like:interface GigabitEthernet 0/0/1 (replace with your port ID)port link-type accessport default vlan 10 (assigning VLAN 10). Trunk Ports: Trunk ports are used to connect switches to each other and can carry traffic for multiple VLANs. They are configured to allow VLAN tagging, which helps in identifying the VLAN of the traffic.

To configure a trunk port, you would use:interface GigabitEthernet 0/0/2 (replace with your port ID)port link-type trunkport trunk allow-pass vlan 10 20 30 (allowing VLANs 10, 20, and 30).

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Configuring Ports

To enable and configure ports on a Huawei switch, follow these steps: Access the CLI: Connect to the switch using SSH or a console cable and log in. Enter Configuration Mode: Use the command system-view to enter configuration mode. Select the Port: Navigate to the desired port using interface GigabitEthernet 0/0/1 (replace with your port ID).

Enable the Port: Activate the port with the command undo shutdown.

Assign VLA

Ns: For access ports, assign a VLAN using port link-type access and port default vlan. Save Configuration: Always save your changes with the save command to ensure they persist after a reboot.

Security Considerations

When configuring ports, it's essential to implement security measures to prevent unauthorized access. This includes: Port Security: Enable port security features to restrict access based on MAC addresses. Rate Limiting: Use commands like qos lr outbound cir to prevent traffic floods.

Access Control Lists (ACLs): Implement ACLs to filter traffic and enhance security. By understanding the types of ports and how to configure them, you can effectively manage your Huawei switch and ensure a secure and efficient network environment.

Article Content

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

This guide dives into the step-by-step process of port configuration on Huawei switches, while addressing the often-overlooked question: Does opening ports inadvertently create backdoors

Access port config (Huawei)

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 whatsoever.

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

From the application software on the PC side, to the data flow of 0 and 1 transmitted by the twisted pair, all the processes that are not transparent to the user can be understood through the

Ethernet Interface Configuration Commands

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You can configure the MultiGE interface on the Huawei switch to work in slave mode (the interface on the Cisco AP works in master mode). The two interfaces then can negotiate to work in the highest

Example for Configuring Switch Login Through a Console Port

After a PC is connected to a switch through a dedicated console cable, you can perform login configurations and use the PC to manage the switch. Logging in through a console port is a

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

Understanding Huawei Switch Port VLAN Modes: Access, T | BestHub

This article explains the differences in VLAN handling on Huawei switches, detailing the IEEE 802.1Q frame format, the role of PVID, and the specific behaviors of access, trunk, and hybrid

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.

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...

Step-by-Step Guide to Configure VLAN and Bind Ports on a Huawei

Configuring a Huawei switch to assign an IP address to VLAN 1 and binding multiple ports to it can seem challenging, but this step-by-step guide simplifies the process.

Huawei Gigabit Switch Buying Guide 2024–2026

Pricing for standard 24-port gigabit switches typically ranges from $270 for entry-level access to $700+ for high-performance PoE models, while data center core switches can exceed $3,600. The full

Huawei CloudEngine S6730-H-V2 Series 25GE Switches Datasheet

CloudEngine S6730-H-V2 series 25GE switches offer 25GE, 40GE, and 100GE port types, flexibly adapting to diversified network bandwidth requirements. They also support cloud management and

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HUAWEI eKitEngine S210I Series Extended-Temperature Switches

Product Overview Huawei eKitEngine S210I series extended-temperature switches (S210I for short) are Layer 2 switches that are independently developed and controllable. The switches provide flexible

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

Example for Configuring a Layer 3 Switch to Work with a Router for Internet Access Layer 3 Switch Layer 3 switches provide the routing function, which indicates a network-layer function in the OSI

Huawei 24-Port Switch Buying Guide

The Huawei Quidway 24-port switch market is characterized by a transition from legacy models like the S2300 and S3700 series toward high-performance, energy-efficient Gigabit and 10GbE solutions like

Optical Access Architecture Reference Document: Huawei vs ZTE

switching capacity, per-slot bandwidth, PON port density, redundancy mechanisms, and environmental tolerances to establish a clear framework for strategic infrastructure investment.

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

Huawei 24-Port PoE Switch Buyer''s Guide

Compare Huawei''s S1700, S310, and CloudEngine 24-port PoE switches—covering PoE++ power, pricing tiers, ZTP/iStack features, and Wi-Fi 7 readiness for SMBs and enterprises.

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