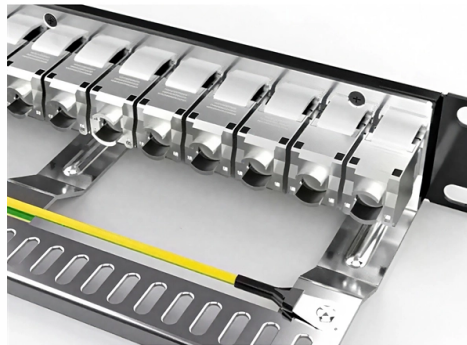


Simple Configuration of Huawei Access Switch



AI Overview

Huawei access switches can be configured via CLI to manage VLANs, assign ports, enable SSH/Telnet, and integrate with access controllers for enterprise networks. Accessing the Switch Connect to the switch using a console cable or SSH session. Log in with the default or existing username and password. Enter system view mode to start configuration: `CodeCopy system-view` User Management and Remote Access Create a new user and assign access privileges: `CodeCopy aaa[Huawei-aaa] local-user USERNAME password irreversible PASSWORD[Huawei-aaa] local-user USERNAME service-type ssh[Huawei-aaa] local-user USERNAME privilege level 15` Enable SSH or Telnet for remote management: `CodeCopy stelnet server enable ssh server enable` Save configuration to make changes permanent: `CodeCopy save` VLAN Configuration Create VLANs: `CodeCopy vlan batch 10 20` Assign ports to VLANs in access mode: `CodeCopy interface GigabitEthernet0/0/1[Huawei-GigabitEthernet0/0/1] port link-type access[Huawei-GigabitEthernet0/0/1] port default vlan 10[Huawei-GigabitEthernet0/0/1] quit` Verify VLAN assignment: `CodeCopy display vlan display interface GigabitEthernet0/0/1` Advanced Features Configure Eth-Trunk for link aggregation: `CodeCopy interface Eth-Trunk 1[Huawei-Eth-Trunk1] mode lacp-static[Huawei-Eth-Trunk1] quit` Enable LLDP for topology discovery: `CodeCopy lldp enable lldp message-transmission interval 30` Integration with Access Controllers (AC) and APs Assign VLANs for control and service channels when connecting APs through the switch: Example: VLAN5 for control, VLAN10 for service traffic. Configure the interface connected to the AC with a service VLAN and CapWAP source IP: `CodeCopy interface GigabitEthernet0/0/1[Huawei-GigabitEthernet0/0/1] port link-type trunk[Huawei-GigabitEthernet0/0/1] port trunk allow-pass vlan 5 10` Ensure the AC a...

Article Content

VLAN Configuration on Huawei Switch | Access, Trunk & Hybrid Ports ...

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Configuration Guide

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Huawei Switch Configuration Tutorial Basic

Shahed Israr is a Network Engineer specializing in GPON, FTTH, and telecom access network technologies. With hands-on experience in Huawei OLT and ONT configuration, U2000

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