

Huijue Switch for Network Access



AI Overview

Configuring network access on a Huawei switch involves setting up VLANs, access ports, IP addresses, default gateways, and optional 802.1X authentication for secure connectivity.

Basic Access Switch Setup

- **Physical Installation:** Mount the switch in a suitable location, connect power, and link end devices (PCs, printers) to the switch ports using Ethernet cables (Cat5e, Cat6, or higher) for optimal speeds .
- **Management Access:** Connect via console cable, SSH, or web interface. Assign an IP address to the switch for administration and configure the default gateway to allow communication outside the local network .
- **Port Configuration:** Determine which ports will serve as access ports (for end devices) and trunk ports (for connecting other switches or routers). Assign VLAN memberships accordingly .

VLAN and IP Configuration

- **Create VLANs** to segment network traffic. For example, VLAN 10 for department A and VLAN 20 for department B .
- **Assign VLANs to ports:** Access ports connect to end devices, while trunk ports carry multiple VLANs between switches .
- **VLANIF Interfaces:** For Layer 3 communication between VLANs, configure VLANIF interfaces on the core switch and assign IP addresses to enable routing .
- **DHCP Settings:** Configure DHCP pools on the core switch to automatically assign IP addresses to devices in each VLAN

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Company Overview

by {0} Shanghai Huijue Network Communication Equipment Co., Ltd. CN 16YRS
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Huijue Access Switch Tips

Follow these steps to get the best results: 1. Open the switch's box, then mount it in an appropriate spot. The particular stages may

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