

Configuring the optical port IP on a Huawei switch



AI Overview

You can change the IP of a Huawei switch optical port by configuring the associated VLAN interface in system-view mode and assigning the new IP address.

Step-by-Step Guide

1. Access the Switch CLI Connect to the Huawei switch using a console cable or SSH. Open a terminal program (e.g., PuTTY or SecureCRT) and log in with administrative credentials .
2. Enter System View At the CLI prompt, type:`CodeCopy`system-view This enables configuration mode, allowing you to modify interface settings .
3. Select the Target Interface Identify the VLAN interface associated with the optical port. For example, if the optical port is part of VLAN 10:`CodeCopy`interface Vlanif 10 This selects the virtual interface for configuration .
4. Assign the New IP Address Set the desired IP address and subnet mask:`CodeCopy`ip address 192.168.1.20 255.255.255.0 Replace 192.168.1.20 and the subnet mask with your intended values .
5. Exit and Save Configuration Exit interface configuration mode:`CodeCopy`return Then save the configuration to make it persistent across reboots:`CodeCopy`save Confirm the save when prompted .
6. Verify the Configuration Check that the new IP is active and reachable:`CodeCopy`display ip interface brief ping 192.168.1.20 This ensures the optical port is correctly configured and accessible .

Additional NotesIf the optical port is a 10GE SFP+ or QSFP28 interface, ensure the port type and speed are correctly configured using commands like `assign port-type 25ge` or `assign port-type 100ge` if needed . Always double-check that the new IP does not conflict with other devices on the network to avoid connectivity issues.

For WebUI access, the IP change will also update the management address displayed in the console . Following these steps will safely update the IP address of your Huawei switch optical port while maintaining network stability.

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[gpt4_vocab_list/o200k_base_vocab_list.txt](#) at main

Vocabulary list of GPT-4o (o200k_base) and GPT-4/GPT-3.5 (cl100k_base) tokenizers. Special tokens are excluded. - kaisugi/gpt4_vocab_list

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Switch# write memory This configuration defines a secure local user, restricts remote access to SSH only, and saves the configuration. Cloud-Managed

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In this guide, we will configure 802.1X port-based authentication on a Huawei switch and use Windows Server NPS (Network Policy Server) as the RADIUS server.

Other/out.txt at master · Foxplot/Other · GitHub

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