

H3C Switch Fiber Optic Port Trunk Enabled



AI Overview

To enable a fiber optic port as a trunk on an H3C switch, configure the port mode as trunk, allow the desired VLANs, and activate the port using CLI commands.

Step-by-Step Configuration

Access the Switch CLI Connect to the H3C switch via console, SSH, or Telnet. Enter system view mode:`CodeCopy``system-view` Identify the Fiber Port Determine the interface name for your fiber optic port (e.g., `GigabitEthernet1/0/1` or `Ten-GigabitEthernet1/0/1`). Enter interface view:`CodeCopy``interface`

`GigabitEthernet1/0/1` Set the Port to Trunk Mode Configure the port as a trunk to carry multiple VLANs:`CodeCopy``port link-type trunk` Allow VLANs on the Trunk Specify which VLANs are allowed to pass through the trunk port. For example, to allow VLANs 10, 20, and 30:`CodeCopy``port trunk permit vlan 10 20 30` Set the Native VLAN (Optional) If you want a specific VLAN to be untagged on the trunk, configure the native VLAN:`CodeCopy``port trunk pvid vlan 10` Enable the Port Ensure the port is active:`CodeCopy``undo shutdown` Verify Configuration Check the trunk port status and VLAN assignment:`CodeCopy``display interface GigabitEthernet1/0/1``display vlan``display port trunk`

Additional Notes

Hybrid Ports: If you need the port to handle both tagged and untagged traffic differently, consider configuring it as a hybrid port instead of a pure trunk.

Flow Control: By default, flow control is disabled. You can enable it if needed for fiber links to prevent packet loss.

Logging: Frequent link up/down events can generate logs; you can disable unnecessary log output to reduce network load.

Following these steps ensures that your fiber optic port on an H3C switch is properly configured as a trunk, allowing multiple VLANs to pass and maintaining network stability.

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You do not need to enter the port number if you have not changed the service port setting. On the login page, enter the default username (admin), password (admin), and the verification code.

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```
port access vlan 1000 poe enable # S5500 configuration
# interface
GigabitEthernet1/0/5 port link-mode bridge port access vlan 10 # interface
GigabitEthernet1/0/6 port
```

H3C Switch

Hi Guys This video features the Port Access Trunk Native of a Switch H3C S5120V3-28S- » EQUIPMENT LIST: • Switch - H3C S5120V3-28S-HPWR-LI.

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Learn how to create users, VLANs, enable Telnet and SSH, configure Spanning Tree Protocol, enable DHCP snooping, define trunk ports, and create access

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Contact Us

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