

Add VLAN to H3C Optical Module Port



AI Overview

To add a VLAN to an optical port on an H3C switch, configure the port as access, trunk, or hybrid, then assign the VLAN ID and set the PVID if needed.

Step 1: Determine the Port Type
H3C optical ports can be configured as:
Access port: Belongs to a single VLAN; forwards untagged packets. Ideal for connecting end devices that do not support VLAN tagging.
Trunk port: Can carry multiple VLANs; forwards tagged packets except for the port's PVID, which is sent untagged. Typically used for inter-switch links.
Hybrid port: Supports multiple VLANs with configurable tagging for each VLAN. Useful when a port needs to handle both tagged and untagged traffic.

Step 2: Create the VLAN
Before assigning a VLAN to a port, ensure the VLAN exists:
`BashCopy`system-viewvlan VLAN_IDname VLAN_NAMEquit
Replace VLAN_ID with the desired VLAN number (1–4094) and VLAN_NAME with a descriptive name.

Step 3: Assign the VLAN to the Optical Port
Enter the interface configuration mode for the optical port:
`BashCopy`interface GigabitEthernet 1/0/1
Replace 1/0/1 with the actual port number.
2. Set the port type:
Access port:
`BashCopy`port link-type accessport default vlan VLAN_ID
Trunk port:
`BashCopy`port link-type trunkport trunk permit vlan VLAN_ID[,VLAN_ID2..]
Hybrid port:
`BashCopy`port link-type hybridport hybrid pvid VLAN_IDport hybrid vlan VLAN_ID tagged[untagged]
The pvid sets the default VLAN for untagged packets.

Step 4: Verify VLAN Assignment
Check the VLAN configuration and port membership:
`BashCopy`display vlandisplay interface GigabitEthernet 1/0/1
This shows which VLANs are assigned and whether packets are tagged or untagged.

Step 5: Save Configuration
To ensure the configuration persists after a reboot:
`BashCopy`save
Notes: Ensure the TPID (default 0x8100) matches neighboring devices if using VLAN tagging. For MAC-based VLAN assignment, you can create MAC-to-VLAN entries and enable the feature on the port if needed. Optical ports are treated the same as Ethernet ports in terms of VLAN co...

Article Content

observium-php82-26.1~8692550c8a.pkg FreeBSD 14 Download

and fill out a port number and hostname, or use the default at port 8080. 7: restart the webserver with service apache24 restart or stop/start if in case of IP or SSL changes. 6: log in with a web browser;

H3C S3100 SERIES OPERATION MANUAL Pdf

View and Download H3C S3100 Series operation manual online. VLAN. S3100 Series switch pdf manual download.

Setting Up H3C Switch VLAN Configuration? Will Documentation

Deploying and maintaining a consistent, reliable VLAN strategy across an entire network of H3C access and distribution switches, often mixed with legacy gear, is where theory ...

How to configure VLANs on "HPE & H3C" Switches by use HCL

In this video i configured multiple VLANs on a switch and a trunk link between them by using HCL Cloud Lab

Basic CLI Commands on H3C Switch

Learn how to create users, VLANs, enable Telnet and SSH, configure Spanning Tree Protocol, enable DHCP snooping, define trunk ports, and create access ports on H3C switches with step-by-step

H3C S3100 SERIES COMMAND MANUAL Pdf Download

View and Download H3C S3100 series command manual online. s3100 series network router pdf manual download.

H3C Switch Port Configuration Basics?Are You Making These Critical ...

Seasoned engineers know that H3C switch port configuration isn't just about typing commands; it's about understanding traffic flow, enforcing security boundaries, and anticipating ...

H3C Switch Basic Configuration | VLAN | DHCP Server | Static

In this video, I have explained the basic configurations of an H3C switch, including: Setting the hostname Creating VLANs Assigning IP addresses to VLAN interfaces Enabling Inter-VLAN ...

H3C VLAN Configuration Examples

H3C VLAN Configuration Examples Table of Contents H3C VLAN Configuration Examples Show Create VLAN Access Port (1 VLAN)

How to Master H3C Device Switch Commands: A Comprehensive Guide

Ready to optimize your network management? Explore our comprehensive guide to H3C device switch commands. Upgrade your skills and browse Router Switch for top-notch products now.

H3C Devices CLI Reference

Enter interface view to configure interface parameters. Enter VLAN view to add ports to the VLAN. Enter user line view to configure login user attributes.

H3C Switch

This video features the VLAN configuration of a Switch H3C S5120V3-28S- »
EQUIPMENT LIST: • Switch - H3C S5120V3-28S-HPWR-LI.

Optical Transceiver Manufacturer,H3C Switch Configuration Tutorial

But PC1 can use this IP address and MAC address to access the Internet on other ports. The matching scheme of H3C S5810 series switch with optical module:

H3C S1600V2 Switch Series Web Configuration Guide

unk port can forward packets from multiple VLANs. Except packets from the port VLAN ID (PVID), packets sent out of a trunk port are VLAN-tagged. Ports connecting networ

fiber optic switch | Newegg

WAVLINK 24-Port Gigabit Ethernet Unmanaged Switch, 24 x PoE+ Ports @ 250W, 2 x Gigabit RJ45 Uplink + 2 x 1000Mbps SFP Slots, IEEE 802.3af/at, Auto-MDI/MDIX, Plug & Play with 4 DIP Modes

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://adikor.eu>

Email: info@adikor.eu

Phone: +33 6 48 37 92 15

Address: 12 Rue de la Paix, 75002 Paris, France

This document is for informational purposes only. Specifications subject to change without notice.

