

How to configure an H3C aggregation switch



AI Overview

H3C aggregation switches can be configured for static or dynamic link aggregation using Bridge-Aggregation interfaces, allowing multiple physical ports to operate as a single logical link for increased bandwidth and redundancy.

Step 1: Enter System View
To configure an H3C switch, first access the switch via console or Telnet and enter system-view mode:
`CodeCopy system-view`
This mode allows you to make configuration changes to interfaces and aggregation groups.

Step 2: Create a Bridge-Aggregation Interface
Declare a link aggregation group using the interface Bridge-Aggregation command:
`CodeCopy interface Bridge-Aggregation 1`
This creates the first aggregation group. If additional groups are needed, increment the number accordingly.

Step 3: Set Aggregation Mode
Choose between dynamic (LACP) or static aggregation:
`CodeCopy [H3C-Bridge-Aggregation1] link-aggregation mode dynamic`
Dynamic mode uses LACP to negotiate link aggregation with the peer device. Static mode aggregates ports without negotiation.

Step 4: Assign Physical Ports to the Aggregation Group
Enter each physical interface and add it to the aggregation group:
`CodeCopy interface GigabitEthernet 1/0/1 [H3C-GigabitEthernet1/0/1] port link-aggregation group 1`
Repeat for all ports to be included (up to 8 ports per group for most H3C switches).

Step 5: Configure VLANs and Trunking (Layer 2)
If the aggregation is Layer 2, configure the Bridge-Aggregation interface as a trunk and assign VLANs:
`CodeCopy interface Bridge-Aggregation 1 [H3C-Bridge-Aggregation1] port link-type trunk [H3C-Bridge-Aggregation1] port trunk permit vlan 10 20`
This allows VLAN 10 and VLAN 20 traffic to pass through the aggregated link.

Step 6: Configure Layer 3 Aggregation (Optional)
For Layer 3 aggregation, switch the interface to Layer 3 mode and assign an IP address:
`CodeCopy interface Bridge-Aggr...`

Article Content

SFP+ vs SFP28 vs QSFP28 vs QSFP-DD: Switch Port

If you treat optics/cabling as part of switch port planning, you avoid all four. Switch roles first: where these form factors usually live A clean way to

How To Configure H3C Switch (UPDATED)

Whether you're a network administrator or just starting out with networking, this video will provide you with the knowledge to confidently

Compatibility between Dell PowerConnect 6224 and Cisco SG500x (L3 switches)

As Michael Waranowicz or networkc279465 suggested, you could establish Layer-2 links between the stack and the new switch. I suggest to create a Link Aggregation (Cisco: EtherChannel, Dell: Port

Technical Tip: Initial troubleshooting steps for LACP (Link Aggregation ...

Related articles: Technical Tip / FAQ: FortiGate and FortiOS support for 802.3ad (LACP - Link Aggregation) Technical Tip: FortiGate HA A-P (Active-Passive) cluster connected to a L2 switch

How to Replace Legacy Cisco Switches with Catalyst 9300

Learn how to upgrade legacy Cisco switch like the 2960X, 3650, and 3850 to the modern Catalyst 9300. Explore step-by-step migration and

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 S7500 SERIES OPERATION MANUAL Pdf Download | ManualsLib

View and Download H3C S7500 Series operation manual online. S7500 Series switch pdf manual download.

The Network DNA: Networking, Cloud, and Security

Master networking, cloud, and security with in-depth analysis, tutorials, and research. Stay ahead of the curve with our expert tech blog.

400G vs 800G Ethernet in 2026: Data Center Trends

Then produce a complete BOM: switch + optics + breakout + fiber patch cables + spares + validation plan. Q11: What's the 2026 operations trend that most

Comware V9

Comware V9 Overview Comware is an H3C proprietary network operating system (NOS) that runs across H3C network devices, whether they are for small-and

How to configure Link/Bridge Aggregation on "H3C/HPE" switches by

In this Lab I demonstrated how to configure Link Aggregation on HPE/H3C switches. Same way we have already configure the Ether-Channel on Packet tracer. Link of that video is also below to further ...

Enterprise High-Availability: VRRP, MLAG & ECMP

The Aggregation Layer (MLAG + VRRP): Deploy two robust switches configured as a Huawei M-LAG or Ruijie VSU pair. Run VRRP on top of this pair

Technical Tip: Initial troubleshooting steps for LACP (Link Aggregation ...

Description & nbsp; This article provides troubleshooting commands that can be used when facing LACP (Link Aggregation Control Protocol) issues on a FortiGate.& nbsp;The related articles

H3C S5830 Switch Series Configuration Examples

To perform local authentication and authorization, you must enable scheme (AAA) authentication for user interfaces on the switch and set the AAA method to local.

HUAWEI S5700 switch link aggregation configuration

2. Example for configuring link aggregation in LACP mode Networking requirements As shown in Figure 1, configure link aggregation groups in LACP mode on two Switch devices to improve the bandwidth

Horror Network: Creating link-aggregation on h3c/hpn switch.

Link aggregation is a computer networking term to describe various methods of combining (aggregating) multiple network connections in parallel to increase throughput beyond what a single

SAP Help Portal | SAP Online Help

SAP Help Portal provides online help and support for SAP software users.

Contact Us

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

Website: <https://www.sky-connect.co.za>

Email: info@sky-connect.co.za

Phone: +44 20 7946 0958

Address: 1 Cornhill, London EC3V 3ND, United Kingdom

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

