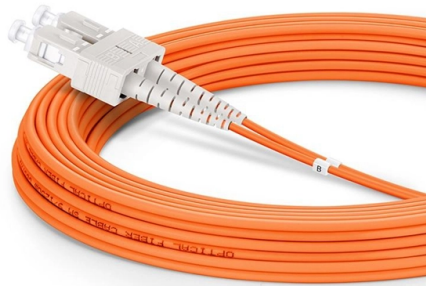


H3C Core Switch with Link Aggregation



AI Overview

Yes, H3C core switches can be configured to support aggregate links, allowing multiple physical links to be combined into a single logical link for increased bandwidth and redundancy. Overview of Link Aggregation Link aggregation is a technique that combines multiple physical Ethernet links into one logical link, known as an aggregate link. This configuration provides several benefits, including:

- Increased Bandwidth:** The total bandwidth is the sum of the individual links, allowing for higher data transfer rates.
- Improved Reliability:** If one link fails, traffic can be rerouted through the remaining links, enhancing network resilience.

Configuration Steps for H3C Switches

To configure link aggregation on H3C switches, follow these steps:

- Access the Switch:** Connect to the H3C switch via console or Telnet and enter system-view mode.
- Create a Bridge Aggregation Group:** Declare a new link aggregation group (e.g., Bridge-Aggregation 1).
- Set Link Aggregation Mode:** Choose between dynamic or static mode. Dynamic mode uses LACP, while static mode does not.
- Add Ports to the Aggregation Group:** Specify the ports you want to include in the aggregation group.
- Repeat this step for additional ports, up to a maximum of 8 ports.**
- Verify Configuration:** Use the display command to check the status of the link aggregation group and ensure the ports are correctly added.

Compatibility and Interworking

H3C switches support LACP, which allows for interoperability with other vendors' devices that also support LACP. Ensure that the link aggregation modes and the number of physical member interfaces match on both ends of the connection for successful aggregation. By following these steps, you can effectively configure an H3C core switch to operate as an aggregate link, enhan...

Article Content

H3C S10500X-G Series Next Generation Core Switch

M-LAG (Multichassis link aggregation, originated from DRNI): provides device-level redundancy and load-balance through the simplest link aggregation protocol. IRF2 (Intelligent Resilient Framework):

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Multi-Chassis Link Aggregation (M-LAG) lets downstream access or distribution switches dual-homing uplinks across two separate physical core switches in the IRF domain.

H3C S7500X Enterprise Core Switch Series

Hardware level encryption technology MACsec H3C S7500X switch series supports hardware level encryption technology MACsec (802.1ae), which is an industry-standard security technology that

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H3C S6520X-EI Series Enhanced 10GE Switches-H3C

Multichassis Link Aggregation Group (M-LAG) (Original DRNI) H3C S6520X-EI series switches support M-LAG, which enables links of multiple switches to aggregate into one to implement device-level link

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Use it to aggregate multiple access stacks/closets and push uplinks into core/spine. The uplink count helps you keep redundancy clean while reducing oversubscription pain.

Switches-H3C

Switches Campus Network Switches Services integration and intelligent access H3C has been deeply engaged in the campus network for many years with various product levels. It can provide users with

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H3C S6530X series switches provide industry-leading high performance and scalable aggregation switching solution with modular dual power, fixed uplinks (40GE/100GE) and IRF for resiliency. The

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Ready to optimize your network management? Explore our comprehensive guide to H3C device switch commands. Upgrade your skills 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.

H3C S6530X-48Y8C Review (2026): 48×25G + 8×100G Aggregation

The H3C S6530X-48Y8C is built for the most common enterprise modernization lane: dense multi-rate SFP28 access/aggregation with 8× 40/100G uplinks, plus resiliency patterns (IRF2 /

Contact Us

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