

H3C5500 Switch Port Aggregation Configuration



Overview

When you configure Layer 2 link aggregation, follow these restrictions and guidelines:

- When you assign a port to an aggregation group, the recommended configuration procedure is as follows:
 - a. Use the display this command in interface view to check the following attribute configurations of the port: - Port isolation. - QinQ. - VLAN. - VLAN mapping.
 - b. As shown in Figure 1, both Device A and Device B forward traffic from VLAN 10 and VLAN 20. Configure link aggregation on Device A and Device B to meet the following requirements:
 - VLAN 10 on Device A can communicate with VLAN 10 on Device B.
 - VLAN 20 on Device A can communicate with VLAN 20 on Device B.

Figure 1 Network diagram

To enable traffic from VLAN 10 and VLAN 20 to pass through Layer 2 aggregate interface Bridge-aggregation 1, perform the following tasks:

- Configure Layer 2 aggregate interface Bridge-aggregation 1 as a trunk port.
- Assign the aggregate interface to VLAN 10 and VLAN 20.

The following matrix shows the hardware and software versions to which this configuration example is applicable:

| Device | Hardware | Software |
|----------|----------|----------|
| Device A | ... | ... |
| Device B | ... | ... |

```
# Create VLAN 10, and assign port GigabitEthernet1/0/4 to VLAN 10.
<DeviceA> system-view vlan 10 [DeviceA-vlan10] port gigabitethernet1/0/4
[DeviceA-vlan10] quit
# Create VLAN 20, and assign port GigabitEthernet1/0/5 to VLAN 20.
vlan 20 [DeviceA-vlan20] port gigabitethernet1/0/5 [DeviceA-vlan20] quit
# Cre.
```

Article Content

H3C S5500-EI Series Ethernet Switches Link Aggregation Manual

This manual outlines creating different types of Link Aggregation groups, configuring port settings, and troubleshooting issues. It also includes examples and a glossary of terms.

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Page 10 Operation Manual - MSTP H3C S5500-SI Series Ethernet Switches Chapter 1 MSTP Configuration BPDU of port after Device Comparison process comparison Port CP1 receives the

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H3C S5500-EI SERIES NETWORK ROUTER CONFIGURATION

- Configure GigabitEthernet 1/0/10 as an upstream port and GigabitEthernet 1/0/1 1 as a downstream port on Switch A and Switch B. Create secondary VLANs 20 and 40 on Switch A, Switch B, Switch

H3C S6890 Switch Series Ethernet Link Aggregation Configuration

When you assign a port to an aggregation group, the recommended configuration procedure is as follows: Use the display this command in interface view to check the following attribute configurations

Aggregate docking between Cisco devices and H3C

Cisco devices dock with H3C S12500. Our company has two types of aggregation: dynamic aggregation and static aggregation. For Cisco's

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802.1X configuration examples This chapter provides examples for configuring 802.1X authentication to control network access of LAN users.

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This guide provides a comprehensive overview of the configuration options for the Ethernet Switch E5500, including logging in, configuring VLANs, setting up QoS, and configuring security features.

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It is required that incoming/outgoing load between the two switch can be shared among the three ports. Page 14 Operation Manual - Link Aggregation H3C S7500 Series Ethernet Switches Chapter 1 Link

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