

Huijue Optical Port Stacking Switch



AI Overview

Huawei S-Series switches support optical port stacking using dedicated 10GE/40GE ports, with logical stack ports configured for chain or ring topologies, supporting up to 9 switches per stack. Supported Switch Models and Ports All S5731-S and S5731S-S series switches can form stacks using service ports with dedicated stack cables or optical ports. 10GE SFP+ and 40GE QSFP+ optical ports can be used as stack ports. Each switch supports up to two logical stack ports, and each logical stack port can connect up to four stack member ports. Combo ports cannot be used as stack member ports. Stacking Topology Two switches: Use chain (back-to-back) topology. Connect the first logical stack port of the local switch to the first logical stack port of the remote switch. Three or more switches: Use ring topology to improve redundancy and reliability. Logical stack ports must be paired correctly: for example, stack-port n/1 of the local device connects to stack-port n/2 of the remote device. Configuration Steps Pre-Stacking Preparation: Ensure switches support stacking and check the stacking capability of the optical ports. Physical Connection: Insert optical modules into the designated 10GE/40GE ports and connect using compatible fiber cables. Avoid mixing single-mode and multimode fibers. Logical Port Configuration: Enter system view on each switch. Define logical stack ports and add physical optical ports as stack members. For example, ports 1-2 can be configured as logical port 1, and ports 3-4 as logical port 2. Once ports are assigned to a logical stack port, they cannot be used as ordinary service ports. Stack ID and Priority: Assign a unique stack ID and configure stack priority to determine the master switch in the stack. Verification: Use commands like display stack to confirm stack member status and ensure all optical ports are active and transmitting correctly. Best Practices Use dedicated stack cables or compatible optical modules to avoid frequent error-down events. Limit the stack to 2-9 switches; if managed via iMaster NCE-Campus, limit t...

Article Content

S Series Switches Stack Deployment Best Practices

S Series Switches Stack Deployment Best Practices This document describes the best practices for stack deployment, including device selection, deployment, networking deployment, stack setup

Huawei S-Series Switch Stacking Demonstration

Switch stacking combines multiple switches into a single logical device for unified data forwarding, which expands port quantity, simplifies network deployment, enhances reliability, and

S6700EI Service Port Stacking Support

For the cables that can be used as stack cables, see "Cables" in the Hardware Description. Using other cables may cause exceptions in the stack system, for example, frequent error-down events on stack

Checking Whether Stack Cables Are Correctly Connected

SRUCs use VS08 stack cards and dedicated high-speed stack cables (or 10G optical modules and optical fibers). Cable connection rules are as follows: Ports in local port group 1 must be connected

S5730-HI Service Port Stacking Support

S5730-HI series switches of all versions can set up stacks in service port stacking mode using dedicated stack cables. The number of stacked switches is recommended to be 2 to 9.

S5731-S and S5731S-S Service Port Stacking Support

S5731-S and S5731S-S series switches of all versions can set up stacks in service port stacking mode using dedicated stack cables. The number of stacked switches is recommended to be 2 to 9.

How to use the optical port on a Huijue switch

How to use the optical port on a Huijue switch This article summarizes several solutions for using optical modules with switches and common problems encountered during usage, along with specific solutions.

What s wrong with the optical port on the Huijue switch

The first thing you should do is re-plug the optical module into the switch slot and make sure it is firmly inserted. If the problem persists, please check the compatibility of the optical module

HUIJUE SWITCH OPTICAL PORT CON

Ask Alldatasheet AI for the information you need. AI instantly answers questions about HUIJUE SWITCH OPTICAL PORT CON's overview, technical specifications, replacement part information, and more.

Huijue Core Switch Network Port Division

Both models provide 25 GbE ports that auto-negotiate down to 10 GbE for versatile device support—perfect for Wi-Fi 6 APs, 4K cameras, and future multi-gig endpoints.

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S6720HI Service Port Stacking Support

The first 12 10GE ports of the S6720-50L-HI-48S cannot be used as stack member ports. S6720HI series switches of all versions can set up stacks in service port stacking mode using dedicated stack

huijue-switch-optical-port-connector Manufacturer/Producer

Manufacturing and distribution of electrotechnical products, e.g. toggle switches, push-button switches, slide switches, dual in-line switches, rotary encoders, rotary switches, pulse switches...

Huawei CE Series Switches Stack Configuration Notes

Huawei CE series switches (CE6855-48S6Q-HI, CE8850-32CQ-EI, CE12804S etc.) can set up a stack to improve forwarding performance and reliability. In this article, we will introduce the definition of a

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Connecting Stack Cables

Select stack cables before connecting them. For details about the stack cables that apply to different ports on different switch models, see Stack Support and Version Requirements in the product

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

Website: <https://umele-pestovani.eu>

Email: info@umele-pestovani.eu

Phone: +49 152 287 6349

Address: Neue Mainzer Straße 66-68, 60311 Frankfurt am Main, Germany

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