

Configuring the optical port of a Huawei S5700 switch



AI Overview

Huawei S5700 optical ports generally work with compatible modules without extensive configuration, but you may need to enable the port and verify module compatibility for proper operation.

Basic Operation

The optical ports on the Huawei S5700 switch are designed to support SFP or SFP+ modules and can often operate without additional configuration if the modules are compatible with the switch and the fiber type matches (single-mode or multi-mode). However, the port may be in a shutdown state by default, so it is important to check and enable it if necessary.

Steps to Ensure Proper Function

- Check Module and Fiber Compatibility** Ensure that the optical module matches the port speed (e.g., do not use a 10G module on a 1G port) and that the fiber type corresponds to the module type.
- Verify Port Status** Use the command display interface `xgigabitethernet0/0/2` (replace with the actual port) to check if the port is administratively down. If it shows **Administratively DOWN**, you need to enable the port using the `undo shutdown` command.
- Check Optical Power and Wavelength** Execute display transceiver interface `xgigabitethernet0/0/2 verbose` to verify that the received and transmitted optical power levels are within normal ranges and that the wavelength is correct.
- Loopback Test (Optional)** For troubleshooting, you can perform a loopback test by connecting the fiber jumper to the same optical module to ensure the port and module are functioning correctly.

Additional Considerations

If stacking switches using optical ports, logical stack port configuration may be required for proper iStack operation. For standard network connections, once the port is enabled and the module is compatible, no further configuration is typically needed.

Monitoring tools like SNMP or CLI commands can help verify traffic and port performance. In summary, Huawei S5700 optical ports d...

Article Content

Huawei OLT PON Port Licensing FAQ: Expert Answers to Network ...

To enable auto-discovery, use the command `port ont-auto-find` in the interface configuration mode. By default, ONU auto-discovery is disabled on many Huawei PON ports. This command is essential to

FAQ Lisensi Port PON Huawei OLT: Jawaban Pakar untuk

Mengaktifkan port PON pada Huawei OLT merupakan hal yang sering membingungkan bagi teknisi jaringan dan spesialis pengadaan. Model lisensinya tidak seragam di seluruh perangkat.

Displaying Optical Module Information

S1720, S2700, S5700, and S6720 V200R011C10 Configuration Guide - Device Management This document describes the principles and configurations of the Device Management features, and

01-05 SVF CONFIGURATION

Unified configuration SVF implements batch configuration of access devices based on profiles, removing the need to configure access devices one by one. Unified user management SVF manages wired

Switch HUAWEI S5700-28X-PWR-LI-AC

Frequently Asked Questions - S5700-28X-PWR-LI-AC HUAWEI How do I perform a factory reset on the S5700-28X-PWR-LI-AC? To reset to factory defaults, press and hold the RESET button on the front

S5735-S48PN4XE-V2

CloudEngine S5700 Series Switches Hardware Description (V600) About This Document Using the Info-Finder Version Requirements for Components

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Huawei S5700 V100R006C01 Ethernet Switch Configuration Guide

This document provides procedures and examples for configuring the Device Management features of the Ethernet Switch S5700 V100R006C01.

Huawei Network Switch Configuration guide | Step-by-Step CLI

☐☐ Learn how to fully configure a Huawei S5700 Series switch step-by-step using real CLI commands!

Installing Optical Module Tutorial For HUAWEI Switch

Module installation is an important factor affecting the service life of switches and modules. In the installation process, be sure to follow the installation steps mentioned above and pay attention to the

Maximizing Core Network ROI: A Total Cost of Ownership Analysis of ...

To appreciate the necessity of a firmware upgrade, one must first understand the hardware it controls. Modern Huawei ONTs, such as the OptiXstar series, are engineered with robust System-on-Chip

Optical Module Solutions for Huawei S5700/S5720 Series Switches

This article summarizes several solutions for using optical modules with switches and common problems encountered during usage, along with specific solutions.

Huawei S5700 Series Configuring And Troubleshooting

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Overcoming Network Bottlenecks: Enterprise Configuration Manual for ...

This comprehensive guide, crafted for senior network architects and systems integrators, delves deep into the engineering and operational methodologies for troubleshooting PON port offline issues. We

All Products and Solutions

Directory of Huawei enterprise IT infrastructure products, solutions, and services.

CloudEngine S5732-H Series | Huawei Enterprise

The CloudEngine S5732-H Series Hybrid Optical-Electrical Switch is a new generation of 10 GE access switch, featuring 24 optical and 24 electrical

CloudEngine S5700 Series Switches Hardware Description (V600)

The switch can use a single power module or two power modules for 1+1 power redundancy. The power modules with fans and power modules without fans cannot be installed on the same switch.

Huawei S3700, S5700 and S6700 Switches Support Guide, Manuals

S3700& S5700& S6700 Series: Access product manuals, HedEx documents, product images and visio stencils.

Huawei 24-Port Switch Buying Guide

The Huawei Quidway 24-port switch market is characterized by a transition from legacy models like the S2300 and S3700 series toward high-performance, energy-efficient Gigabit and 10GbE solutions like

S1700, S2700, S3700, S5700, and S6700 Box Switches Products ...

This shortens the configuration duration and improves the configuration efficiency. Various PoE Applications Value for customers: The switch supporting PoE is applicable to various scenarios,

Contact Us

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