

Huawei switch optical port speed modification



Overview

The assign port-type 25ge command sets the maximum rate of 10GE SFP+ Ethernet optical ports to 25 Gbit/s.

Key Takeaways

If you want to change the port speed of the QSFP28 from 100GB to 40GB, you have to run the command “undo assign port-type 100ge all” in the system-view. The assign port-type 100ge command sets the maximum rate of QSFP28 interfaces to 100 Gbit/s. Solution: To solve this problem, you can follow these steps: Check if the fiber and optical modules are compatible. Perform a. I will give an example of setting up ports on Huawei switches. Loading. Optical modules are widely used in switches, network interface cards (NICs), routers, and other communication devices. During use, reading optical module information helps understand its real-time operating status, enabling faster troubleshooting of link abnormalities. Also maybe try a DAC cable that's designed to.



Article Content

Ethernet Interface Configuration Commands

The assign port-type 25ge command sets the maximum rate of 10GE SFP+ Ethernet optical ports to 25 Gbit/s. The undo assign port-type 25ge command restores the maximum rate of 10GE SFP+

Troubleshooting for Optical Modules on Huawei Switch

The optical modules used on both ends must have the same transmission speed, and the interface configurations on both ends must comply with related protocols. The type of optical

Huawei: How to solve the transceiver type mismatch problem

This article describes how to solve the transceiver type mismatch on a Huawei switch (e.g. from 25Gbps to 10Gbps)

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.

How To Read Optical Module Information On Huawei Switches

The following uses the Moduletek SFP-10G-LR module connected to a Huawei S6700 switch as an example to introduce how to read information of the connected optical module on a

Port: Optical Ports on the AC Cannot Go Up

Procedure Connect the device to the peer device through an optical port, and configure the port to work in auto-negotiation mode. Check whether the peer device works in auto-negotiation mode. Configure

Configuring Interface Split and Merge

Configuring Interface Split and Merge Context Some 40GE optical interfaces can be used as independent interfaces or each can be split into four 10GE interfaces. With the interface split function,

Huawei Switches Viewing Optical Port Receiving and Sending

Use the command display transceiver to view the optical module information of all optical ports, and use the command display transceiver interface interface-type interface-number to view the

Optical Interface Interconnection Is Abnormal on CE Switches ...

CloudEngine 16800, 12800, 9800, 8800, 7800, 6800, and 5800 Series Switches Troubleshooting Guide (V100 and V200) Optical Interface Interconnection Is Abnormal on CE

Configuring Attributes for an Optical Interface

If the pre-configured transmission medium is a high-speed cable but an optical module is installed, the optical module may be burned. Ensure that the installed transmission medium is the same as the pre

How To Switch Optical-Electrical Mode On Huawei

For related commands, refer to How to Read Optical Module Information on Huawei Switches. Note: By default, the optical interface of the

Troubleshooting for Optical Modules on Huawei Switch

When this optical module uses OM3 multimode optical fibers, its transmission distance is 0.3 km. The optical modules used on both ends must have the same

Example for Configuring the Rate and Duplex Mode of an Ethernet ...

```
[Switch -port-group-portgroup1] duplex full //Set the duplex mode of the interfaces to full-duplex in a batch. [Switch-GigabitEthernet1/0/1] duplex full [Switch-GigabitEthernet1/0/2] duplex full
```

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