

Huawei H3C Switch Optical Module



Article Overview

Huawei optical modules cannot be directly used on H3C switches due to authentication and encryption restrictions, but third-party compatible modules can work with proper configuration.

Compatibility Overview

H3C switches perform authentication on inserted optical modules. Original Huawei optical modules are encrypted and designed for Huawei devices, so they are not natively compatible with H3C switches. Attempting to use them directly will typically result in non-certified module alarms and the switch may not guarantee normal operation or maintenance support for these modules .

Third-Party Solutions

Third-party vendors, such as ETU-Link and Moduletek, provide compatible optical modules that can operate on H3C switches. These modules are designed to bypass authentication restrictions and maintain stable network links while being more cost-effective than brand-specific modules . When using third-party modules, H3C switches may still generate alarm messages indicating a non-H3C module, but these alarms do not prevent normal operation.

Managing Non-Certified Module Alarms

H3C provides CLI commands to suppress alarms for non-certified modules. For example, on H3C S6820 switches, you can use commands to disable phony alarms,...

Article Content

Understanding Optical Modules

Important Notes About Using Optical Modules Certified for Huawei Switches

Understanding Optical Modules What Is an Optical

FAQs About Optical Modules

For details about the optical modules supported by optical ports on switches, see "Appearance and Structure" of a specific switch

What Is an Optical Module and Its FAQs (V200)

Describes what an optical module is and FAQs, including the fundamentals, appearance and structure, key performance counters,

Troubleshooting for Optical Modules on Huawei Switch

Troubleshooting for Optical Modules on Huawei Switch Many friends feedback that one problems occurred when using optical

Checking the Optical Module Type

The selected optical modules must be supported by the optical interfaces. Check whether the optical module used on the switch is

Types of Optical Modules

This document provides an overall description of the CE5800& 6800& 7800& 8800 series switches hardware that versions earlier than

Understanding Optical Modules

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How to view the optical module DDM information on Huawei and H3C ...

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Optical Modules for Huawei S Series Switches

A switch must use optical or copper modules that have been certified for use on Huawei switches. Non-certified optical or copper

Types of Optical Modules

Huawei S series devices support optical modules of the following encapsulation types: CFP, QSFP+, QSFP28, XFP, SFP, eSFP,

StarryLink Optical Module

Huawei's StarryLink optical modules for data center networks offer seamless interconnection from GE to 800GE across all scenarios,

Important Notes About Using Optical Modules Certified for Huawei ...

Accessories Important Notes About Using Optical Modules Certified for Huawei Switches How to Identify Huawei-Certified Switch

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

Checking the Optical Module Type

When certifying an optical module, Huawei switches comprehensively verify optical module functions to ensure the optical module

Introduction of Optical Modules on Huawei Switches

When Huawei switches are connected to other products such as routers, comply with the preceding optical module interoperation

Optical Fiber

AOC An active optical cable (AOC) is a fixed-length optical fiber with optical modules at both ends. It can be directly connected to an

Switches-H3C

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What Is an Optical Module

An optical module is a device for converting electrical signals to optical signals and vice versa, widely used in telecommunications

Displaying Optical Module Information

A switch must use optical or copper modules that have been certified for use on Huawei switches. Non-certified optical or copper

Huawei and H3C switches view optical module receiving and emitting

Today, the editor collects information about H3C optical module models and Huawei optical module models. Let's see which ones

10G multimode optical module dual fiber switch transceiver module

Compatible with leading brands such as H3C and Huawei, this transceiver module is engineered for performance, durability, and

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