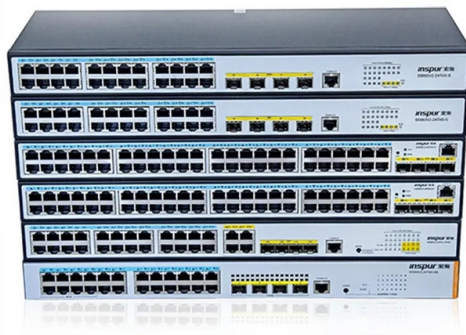


Replacing the optical module in an H3C switch



Overview

Support As a best practice to open and close the ejector levers correctly when you install or replace an LSXM3YGS24XT24C6SF2 interface Support To identify.

Key Takeaways

To replace an optical module in an H3C device, carefully remove the optical fibers, handle the module with ESD protection, and install a new module with matching optical parameters. Preparation and Safety

- Power and Cables: While most H3C FRUs are hot-swappable, it is recommended to remove network cables connected to the module to prevent damage and ensure safety .
- ESD Protection: Wear an ESD wrist strap or gloves and ensure it is properly grounded to prevent electrostatic discharge damage .
- Workspace: Use an antistatic mat to place the removed module and any accessories .

Removing the Optical Module

- Unplug Optical Fibers: Carefully release the locking clips on the fiber connectors (LC/PC, MPO, SC/PC) and gently pull out the fibers. Avoid excessive force to prevent damage .
- Labeling: Record the location of each fiber and ensure labels are clear. Replace unclear labels to avoid misconnection .

- **Dust Protection:** Cover the disconnected fibers and the module bores with dust caps to prevent contamination .

- **Module Removal:** Depending on the module type, release the latch or tab (clasp latch or tab latch) and gently pull the module out of the port .

Installing the New Optical Module

- **Check Compatibility:** Ensure the new module has the same optical parameters as the remote module it will connect to .

- **Orientation and Insertion:** Align the module correctly and gently push it into the optical port until it clicks into place .

- **Reconnect Fibers:** Remove dust caps from the fibers and insert them into the new module, ensuring proper alignment and secure locking .

- **Testing:** If the module does not function, unplug the fibers, clean the connectors with an alcohol swab in one direction, and reconnect. Contact support if issues persist .

Additional Tips

- **Ejector Levers:** For modules with ejector levers, open them carefully and follow guide rails to avoid damaging the backplane .

- **Storage:** Store removed modules in a protective box if not reused .

- **Noise and Fan Considerations:** If replacing modules in a switch with active fans, take noise precautions and minimize hot-swap time . Following these steps ensures a safe and effective replacement of optical modules in H3C devices while maintaining network integrity and module longevity.

Article Content

How to replace the optical module in an H3C switch

If the optical power of the transceiver module is not within the correct range, replace the transceiver module with a transceiver

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If the transceiver module is not operating correctly, replace it with a new H3C transceiver module that matches the fiber port. For

Replacing an Optical Module

This document describes hardware installation procedures of the S7700 and S9700 series switches, troubleshooting methods for

H3C Transceiver Modules User Guide

Preface H3C Transceiver Modules User Guide describes the types, views, and specifications of transceiver modules and network

Replacing an Optical Module

Replacing an Optical Module Context Never look directly into an optical module or the ends of optical fibers. Optical modules and

Replacing an Optical Module

When replacing an optical module, do not look into bores of the optical module without eye protection. The laser emitted from the

Replacing an Optical Module

Follow these guidelines when replacing an optical module: Wear an ESD wrist strap or gloves when replacing the cables. Ensure

Replacing an Optical Module

The CE12800 series switches must use Huawei data center switches certified optical modules. Non-certified optical modules cannot

Replacing an Optical Module

Before replacing an optical module, determine in which cabinet and chassis the optical module is installed, find the optical module in

H3C Devices CLI Reference

User view commands: archive Archive configuration arp Address Resolution Protocol (ARP) module backup Backup the startup

Replacing an Optical Module

Optical modules are electrostatic-sensitive components; therefore, you must take ESD protection measures when replacing optical

H3C Optical Module Switch Configuration Details

Configuring an H3C optical module switch involves setting up the switch ports, binding MAC and IP addresses, and ensuring proper

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

