

Remove optical module restrictions

Article Overview

Optical module restrictions can be removed or bypassed by using vendor-specific commands, disabling alarms, or applying third-party optics licenses.

Vendor-Specific Methods

Cisco Devices: You can remotely disable and re-enable an optical module using CLI commands, simulating online insertion and removal (OIR). To re-enable a module, use the `no transceiver disable` command in controller optics configuration mode, which restores full functionality without physically reseating the module .

Huawei Devices: To prevent frequent alarms from non-standard optical modules, you can disable the optical module alarm function. This stops the system from generating warnings when the optical power exceeds vendor-defined thresholds, allowing third-party modules to operate without triggering alerts .

F5 Devices: Non-F5 optical modules trigger an "Unsupported Optic" alert on the LCD. You can disable this alert by editing the `/etc/alertd/alert.conf` file and applying the appropriate configuration, though this may affect future recognition of F5-supported optics .

Extreme Networks Devices: Some ExtremeXOS switches require a 3rd Party Optics Feature license to lift restrictions on third-party 40G and 100G optical modules. Without the license, egress traffic may be limited to 25% of line rate. Installing the license removes the restriction and restores full port functionality .

General Precautions

- o Always follow proper installation and removal procedures to avoid damaging the module, including disconnecting cables, using dust covers, and grounding yourself with an ESD wrist strap .
- o Using non-approved optical modules may void warranties or cause operational issues. Ensure modules comply with applicable standards and safety requirements .
- o Some devices may still generate warnings or require configuration changes even after restrictions are removed, so verify functionality after applying any bypass method.

By following these vendor-specific commands, license activations, and alarm configurations, you can effectively remove optical module restrictions while maintaining safe operation and network performance.

I bought a slim Blu-ray drive off eBay from hong kong, installed it and was excited to watch my blu-rays. But



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then I was

Did your 2025/2026 Catalyst 1200 firmware block 3rd-party SFP modules with an err-disable error? Get the hidden CCIE CLI

Symptoms When a 40G interface is configured "bundle disabled" the optic module in use on the interface will be

Hi, I'm trying to connect a x440 to a VSP7400 with 10G links. When I insert a SFP+ (Extreme Networks 10302) the

you can go to device manager, find the optical drive, and go on properties, there should be an option to change the

Utility to disable SFP Module Qualification on Intel XL710 network cards - [bu7cher/ixl_unlock](#)

Searches the port list for restricted ports. Removes the egress rate limiter associated with the port, or restores a configured one.

Install or remove optical fibers carefully to avoid damaging the fiber connectors. Applying too much force to the optical fibers may

CautionWe recommend that you do not install or remove the SFP module with fiber-optic cables attached to it because of potential

Intel NICs (X710/E810) use firmware to lock out optics. This guide explains the root cause of "uncertified module"

In this video, we will show you how to remove a stuck optical module. This tutorial is very

When you plan to replace a configured optical module with a different type of optical module, you must clear the

Optical modules are hot swappable, and you do not need to power off the device when replacing optical modules. Optical modules

In the past, the only way to remove recommendations from the Defender for Cloud dashboard and prevent them from

Optical Module Coding is the digital key ensuring network device compatibility and stability



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How can I remove optical modules? This information applies to all versions There is no interface to manage modules, as there is in

Web: <https://www.morwarreconst.co.za>

