

Fiber optic switch persistent



Article Overview

A fiber optic switch can be persistently enabled or disabled to maintain its operational state across reboots, ensuring consistent network behavior.

What Persistent Switch Configuration Means

Persistent configuration allows a switch to retain its enabled or disabled state even after a reboot. This is particularly important in Fibre Channel fabrics or optical networks where maintaining the correct switch state is critical for network stability and fabric integrity .

- **Persistently Enabled Switch:** The switch remains active after a reboot, rejoins the fabric if connected, and either assumes the principal role or becomes subordinate depending on the fabric topology .
- **Persistently Disabled Switch:** The switch remains offline after a reboot, with all ports taken offline and front panel LEDs indicating the disabled state . This prevents accidental participation in the network until explicitly re-enabled.

How to Enable a Switch Persistently

Using Fabric OS commands (e.g., Brocade switches), the command `switchcfgpersistentenable` is used to persistently enable a switch that was previously disabled. Key points include :

- All Fibre Channel ports that were offline reconnect if the switch rejoins the fabric.
- If the switch is the principal switch, it assigns itself a domain ID; otherwise, it acce...

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PM fiber switch (polarization maintaining PM optical switch) is a passive component that selectively transmits, redirects or blocks

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switchCfgPersistentEnable

command or nonpersistently using switchdisable command. All Fibre Channel ports that passed the power-on self-test (POST) are

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Fiber-optic Switches

Fiber-optic Switches Author: the photonics expert Dr. Rüdiger Paschotta (RP) Expert Buyer's Guide for Fiber-optic Switches

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Fiber-optic cable

A fiber-optic cable, also known as an optical-fiber cable, is an assembly similar to an electrical cable but

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switchCfgPersistentDisable

Disables a switch persistently. Description Use this command to persistently disable the switch immediately or after reboot. All Fibre

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switchCfgPersistentEnable

All Fibre Channel ports that passed the power-on self-test (POST) are enabled and come online if connected to a device, or remain

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Opto-mechanical optical switches (single-mode or multimode fiber optic switch) are passive components that selectively transmit,

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Product portfolio Fiber optical singlemode switches (eol) Fiber optical multimode switches (mol) Multiple switches and switch systems

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portCfgPersistentDisable

Persistently disabled ports remain disabled across power cycles, switch reboots, and switch enables. By default, a port is enabled

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Fiber-optic Switches

Fiber-optic switches can be useful for general testing purposes in fiber optics. For example, instead of

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Polarization Maintaining Optical Switches, PM Fiber

Polarization maintaining (PM) fiber optical switches are passive devices that open or close an optical

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Optical Switches

Optical Switches We lead the industry in optical switch technology, delivering the lowest insertion loss (0.2 dB), fastest switching

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Fiber-optic Prism Optical Switches

These component-style fiber-optic prism optical switches utilize moving prisms between fixed collimator pairs, which allows bi

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Fiber switches play an essential role in the architecture of the latest virtual data networks, providing high capacities,

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Switchcfgpersistentdisable - Brocade Fabric OS Command Reference ...

1106 Fabric OS Command Reference 53-1003131-01 switchCfgPersistentDisable 2 switchCfgPersistentDisable Disables a switch

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switchCfgPersistentEnable

Use this command to persistently enable a persistently disabled switch. All Fibre Channel ports that passed the power-on self-test

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Polarization Maintaining Optical Switch, PM Fiber Switches

Polarization Maintaining (PM) Optical Switch, or PM fiber switch is a passive component possessing two or more ports that

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Choosing the Right PM Fiber Switch for Your Optical Network: A ...

Conclusion Choosing the right PM fiber switch is essential for ensuring the performance and reliability of your optical

Contact Us

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