

# **View domain ID of fiber optic switch**





## Overview

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The second byte, aa, is the port area address or port address of the port on the switch. Summary: Domain IDs uniquely identify a switch in a Virtual Storage Area Network (VSAN). The Fibre Channel domain (fcdomain) feature performs principal switch selection, domain ID distribution, FC ID allocation, and fabric reconfiguration functions as described in the FC-SW-2 standards. If the switch is not powered on until after it is connected to the fabric and the default domain ID is already in use, the domain ID for the new switch is automatically reset. Domain Issues Chapter 11 Troubleshooting VSANs, Domains, and FSPF Send documentation comments to [mdsfeedback-doc@cisco.com](mailto:mdsfeedback-doc@cisco.com) Step 2 Use the `show fcdomain domain-list vsan vsan-id` command to view which domains are currently in your fabric.



## View domain ID of fiber optic switch

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### Cisco Catalyst 1200 Series CLI Guide

show fiber-ports optical-transceiver To display the optical transceiver diagnostics, use the show fiber-ports optical-transceiver Privileged EXEC mode command. Syntax show fiber-ports

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### Solved: Fiber optic cable check command

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### Domain ID assignment

When domain IDs are dynamically assigned, the fabric configuration process is performed to select a principal switch and assign domain IDs. After the principal switch is selected, the principal switch

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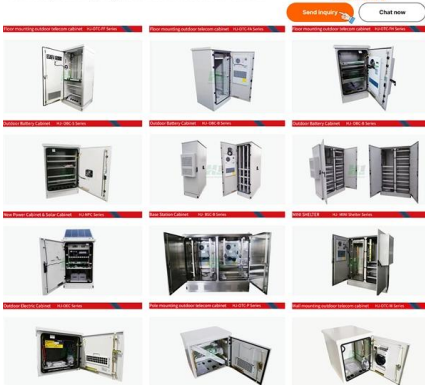


### ?connetrix (fiber switch) in HA configuration with same domain ID

We have 2 64-ported fiber switch (connetrix). These are configured as fcd domain id 97 (0x61). Our hosts have 2 HBAs. Each HBA is connected to one port on each switch. So, each HBA



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### Switch Configuration

The Fibre Channel domain (fcdomain) feature performs principal switch selection, domain ID distribution, FC ID allocation, and fabric reconfiguration functions as

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### Configuring Fibre Channel Switches (Applicable to Fibre Channel)

If Fibre Channel switches are cascaded, domain IDs must be set to prevent ID conflicts on a network. A domain ID is the unique identifier of a Fibre Channel switch.

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### Setting the domain ID

To find the domain IDs that are currently in use, enter the fabricShow command on another switch in the fabric. Perform the following steps to modify the domain ID.

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## Displaying the Domain IDs

FC IP Addr The switch Fibre Channel IP address.  
Name The switch symbolic or user-created name in quotes. fabricShow Fields Fields Description  
Switch ID The switch domain\_ID and embedded port

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## Domains.mif

Principal switch selection--This phase guarantees the selection of a unique principal switch across the fabric. Domain ID distribution--This phase guarantees each switch in the fabric obtains a unique

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## Setting the Domain ID

The default domain ID is 1. If the switch is not powered on until after it is connected to the fabric and the default domain ID is already in use, the domain ID for the new switch is automatically reset to a

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## Setting the domain ID



If the switch is connected to the fabric after it has been powered on and the default domain ID is already in use, the fabric segments. To find the domain IDs that are currently in use, enter the fabricShow

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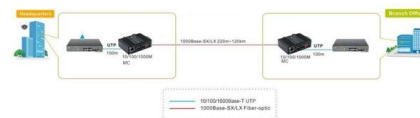
### Fiber Optic Transceivers: How to Set the Domain ID to Implement the

1. Enter the fabric show command to determine the current Domain IDS available. 2. Enter the switch Disable command to disable the SAN768B. 3. Enter the configure command. Enter y at the

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### Understanding the domains in the optical fiber Storage Network

Understanding how Fiber Channel (FC) recognizes domains and new mechanisms for virtualizing Fiber Channel Networks Helps you further understand and study these concepts. Building a storage LAN



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### Configuring Fibre Channel Domain Parameters

Information About Domain Parameters The Fibre Channel domain (fcdomain) feature performs principal switch selection, domain ID distribution, FC ID allocation, and fabric reconfiguration functions as

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## Switch Configuration

The Fibre Channel domain (fcdomain) feature performs principal switch selection, domain ID distribution, FC ID allocation, and fabric reconfiguration functions as described in the FC-SW-2 standards. The

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## How to check fiber ports in cisco switch?

It's always important to ensure that the fiber optic modules are compatible with the Cisco switch to avoid any compatibility issues or performance limitations.

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## Configuring Fibre Channel Domain Parameters

Use the show fcdomain domain-list command to display the list of domain IDs of all switches belonging to a specified VSAN. This list provides the WWN of the switches owning each domain ID.

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## View the Optical Module Status on a Switch through the

Once the transceiver and fiber optic cable are plugged in properly in the switch optical module, you should be able to view the current information for

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## Cisco Nexus 5500 Series NX-OS SAN Switching Configuration Guide

The Fibre Channel domain (fcdomain) feature performs principal switch selection, domain ID distribution, FC ID allocation, and fabric reconfiguration functions as described in the FC-SW-2 standards. The

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## Cisco Nexus 7000 Series NX-OS SAN Switching

Information About Domain Parameters  
Information About Domain Parameters The Fibre Channel domain (fcdomain) feature performs principal

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## Defining FICON switch configurations

Note: A switch can support only certain switch addresses or domain IDs instead of the full range of '00'-'FF'. For details, check the configuration information your switch vendor provides.

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## Using Fabric Reconfiguration for Domain ID Assignments, show

Using Fabric Reconfiguration for Domain ID Assignments You can use a fabric reconfiguration to reassign domain IDs and resolve any overlapping domain IDs. If you enable the auto-reconfigure

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### Connectrix Cisco MDS: How to configure Domain ID on a VSAN switch

Domain IDs uniquely identify a switch in a Virtual Storage Area Network (VSAN). A switch may have different domain IDs in different VSANs. The domain ID is part of the overall Fibre

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### Optical Transceiver Manufacturer,How To Check Optical

How to View Optical Module & Media Converter Details In the second step, in the privileged exec mode of the switch, enter the following command to display the

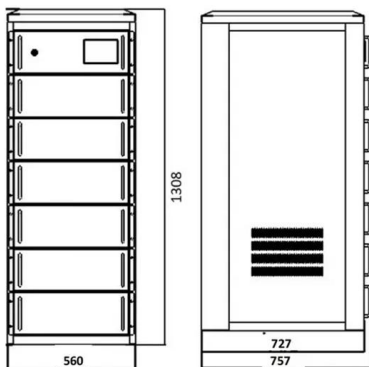
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### Cisco MDS Fibre Channel (FC) switch show commands

Here's a list of commonly used Cisco MDS Fibre Channel (FC) switch show commands along with their explanations and descriptions. 1. General System Information 2. Interface & Port

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### Configuring Domain Parameters

Configuring Domain Parameters The Fibre Channel domain (fcdomain) feature performs principal switch selection, domain ID distribution, FC ID allocation, and fabric reconfiguration functions as described

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### View the Optical Module Status on a Switch



## through the Command

Article ID:5568 View the Optical Module Status on a Switch through the Command Line Interface (CLI) Objective The Cisco Small Business Series Switches allow you to plug in a Small



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