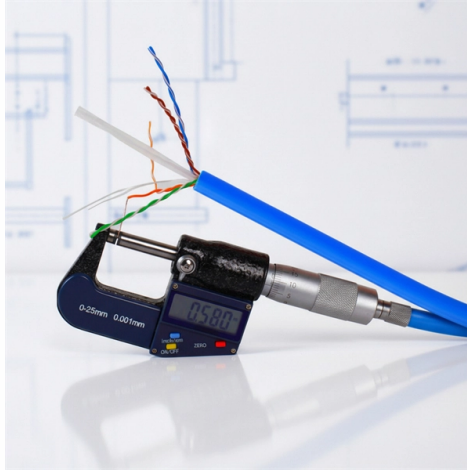


Fiber Optic Switch NPIV Configuration



Overview

On a Fibre Channel switch network, NPIV must be enabled on Fibre Channel switches. Run the `portcfgshow` command to query. NPIV is an industry standard technology that provides the capability to assign a physical Fibre Channel adapter to multiple unique world wide port names (WWPN). This capability lets you control virtual machine access to LUNs on a per-virtual machine basis. With N_Port ID Virtualization (NPIV), you can configure the managed system so that multiple logical partitions can access independent physical storage through the same physical. Cisco Nexus 5000 Series Switch CLI Software Configuration Guide OL-16597-01 1 Configuring Fibre Channel Interfaces This chapter describes interface configuration for Fibre Channel interfaces and virtual Fibre Channel interfaces. How do I query and configure NPIV of switches?

On Brocade Fibre Channel series switches, NPIV is enabled by default. View configuration information about.

Article Content

Step by Step NPIV Configuration

This document outlines the step-by-step configuration of NPIV (N_Port ID Virtualization) on a dual VIOS setup for Power6/7 servers, detailing the creation of virtual fibre channel adapters, mapping them to ...

How Do I Query and Configure the NPIV Function of Switches?

View configuration information about the NPIV capability field and ensure that the status of the port connecting to the storage system is ON. Run the following commands in sequence to configure NPIV:

Chapter 6 Configuring Virtual Fibre Channel Ports

This chapter provides the steps used to configure N Port ID Virtualization (NPIV) ports, also known as virtual Fibre Channel ports. What is NPIV? NPIV is a Fibre Channel facility that enables one Fibre ...

Redundancy configuration using virtual Fibre Channel adapters

With N_Port ID Virtualization (NPIV), you can configure the managed system so that multiple logical partitions can access independent physical storage through the same physical Fibre ...

AIX for System Administrators: POWERVM

To enable NPIV on the managed system, you must create a Virtual I/O Server logical partition (version 2.1, or later) that provides virtual resources to client logical partitions. You assign the physical fibre ...

Configure Fibre Channel NPIV Settings

N-port ID virtualization (NPIV) provides the ability to share a single physical Fibre Channel HBA port among multiple virtual ports, each with unique identifiers. This capability lets you control ...

Using Fibre Channel NPIV with vSphere Virtual Machines

NPIV enables a single FC HBA port to register several unique World Wide Name (WWN) identifiers with the fabric, each of which can be assigned to an individual virtual machine. When using NPIV, a SAN ...

PowerVM NPIV / IBM Switch Configuration

What is NPIV? NPIV is an industry standard technology that provides the capability to assign a physical Fibre Channel adapter to multiple unique world wide port names (WWPN).

Configuring Fibre Channel Interfaces

When the switch is operating in NPV mode, the interfaces that connect the switch to the core network switch are configured as NP ports. NP ports operate like N ports that function as proxies for multiple ...

N-Port Identifier Virtualization (NPIV) and N-Port ...

The N-Port Virtualizer feature allows the blade switch or top-of-rack fabric device to behave as an NPIV-based host bus adapter (HBA) to the core Fibre Channel director.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://automationauthoritysolar.co.za>

Email: info@automationauthoritysolar.co.za

Phone: +27 82 547 3961

Address: 15 Quantum Street, Technopark, Centurion, 0157, South Africa

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