

How to use a virtual fiber optic adapter



Overview

Read this guide to learn how to assign Fiber Channel LUMs directly to a Hyper-V Virtual Machine by employing the N_Port ID virtualization (NPIV) technology. N_Port ID virtualization (NPIV) is a Fiber Channel technology that allows a hypervisor host to virtualize its Fiber Channel. Hyper-V provides Fibre Channel ports within guest operating systems (OSes) that let you connect to Fibre Channel directly from your virtual machines (VMs). This technology is also called as virtual Fibre Channel.



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It is possible to dynamically remap a vfchost adapter to another physical NPIV capable Fibre Channel adapter (fcs#) using vfcmmap command. The ability to do so depends on the AIX client and VIO server ...



If you are using VMware ESXi, refer to—User's Guide Marvell® Fibre Channel Adapters for VMware® ESXi 8.0 U3 and 9.0 (part number SN0154529-00) for detailed instructions on installation and initial ...



This article gives a brief overview of Fibre Channel on Hyper-V so you can understand how to implement the Virtual Fibre Channel into your Hyper-V planning.



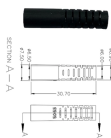
Learn about how Virtual Fibre Channel works and device support in Hyper-V for Windows Server.



Uniquely identifying each virtual link enables the logical separation of traffic that belongs to each virtual link. A single physical link between an ENode and an FCF can carry multiple virtual links and ...



Once Virtual SAN is configured, a fibre channel adapter (aka a virtual HBA, or vHBA) can be added to VMs. These instructions will show how to achieve that task. Create a Hyper-V VM. Open ...



Windows Server 2012 R2 with Hyper-v Role provides Fibre Channel ports within the guest operating system, which allows you to connect to Fibre Channel directly from within virtual machines.



This chapter describes how to configure Fibre Channel over Ethernet (FCoE) VLANs and virtual interfaces on Cisco Nexus 5000 Series switches. It contains the following sections:



The N_Port ID Virtualization (NPIV) is an industry-standard technology that helps you to configure an NPIV capable Fibre Channel adapter with multiple, virtual worldwide port names ...

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