What interface is needed to connect an FC to another FC

Overview

Each FC fabric consists of a combination of at least one FCoE VLAN interface between the FCoE-FC gateway and the FCoE devices, and one or more native FC interfaces between the FCoE-FC gateway and the FC switch. This chapter includes the following sections: •Information About Fibre Channel Interfaces, page 1-1 •Configuring Fibre Channel Interfaces, page 1-8 •Configuring Global Attributes for. The gateway FC fabric includes FCoE and native FC interfaces, and a VLAN to carry FCoE traffic from FCoE-capable devices. FC SANs can meet the reliable storage, access, and backup requirements for large-capacity data. Figure 1 shows three FC SAN networking methods. Using FC-FC routing, you can share tape drives across multiple fabrics without the administrative problems, such as change management, network. Expansion Port – E Port – it connects to another E port in order to form an interswitch link (ISL) between two switches. Note that the device it connects to has an N port. Fabric Loop Port – FL Port – these port types.

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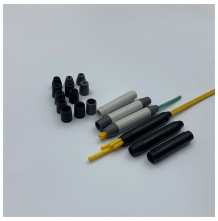
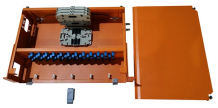


In order to more easily determine and consistently achieve maximum throughput over Fibre Channel, it is recommended that each of your Fibre Channel ...

An HBA is a dedicated hardware component that connects a server to a Fibre Channel storage network. It provides the necessary physical and logical interface for communication.



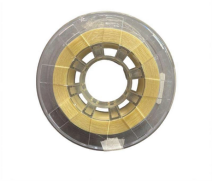
In order to more easily determine and consistently achieve maximum throughput over Fibre Channel, it is recommended that each of your Fibre Channel workstations be directly connected to one of EVO''s ...

Initiator ports can be used to connect directly to back-end disk shelves, and possibly foreign storage arrays. Target ports can be used to connect only to FC switches. The number of onboard ports and ...

Each node requires one or more network adapters to provide a physical interface for communicating with other nodes. Hosts and servers connect to the SAN through one or more Fibre Channel host bus ...

Fibre Channel over Ethernet (FCoE) encapsulation allows a physical Ethernet cable to simultaneously carry Fibre Channel and Ethernet traffic. In Cisco Nexus 5000 Series switches, an FCoE-capable ...

Bridge port – B Port – whereas E Ports typically interconnect Fibre Channel switches, some SAN extender devices implement a B Port model to connect geographically dispersed fabrics. This model ...



A virtual fibre channel (VFC) interface is a logical interface manually created on an FCF switch to simulate the functionality of a physical FC interface. To use a VFC interface, bind it to a physical ...

Each FC fabric consists of a combination of at least one FCoE VLAN interface between the FCoE-FC gateway and the FCoE devices, and one or more native FC interfaces between the FCoE-FC ...

This section describes the FC-FC routing service, which provides Fibre Channel routing between two or more fabrics without merging those fabrics.

An FC switch, in turn, can use an F-port to connect to either type of node. An FC switch can also use an E-port to connect to another switch or an FL-port to connect to an arbitrated loop.

Contact Us

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