

Oracle fiber optic switch connecting storage



Overview

Users can connect twenty 10GBase-T ports from the switch to Oracle servers, storage, and Oracle Database Appliance since they already have on their system 1/10GBase-T ports. The SFP28 ports support 10Gb and 25Gb fibre and twinaxial cable (twinax), depending on the SFP modules used in these ports. For 10GBase-T public networking, use the Cat-6 network cables. The following figure shows how to connect two fiber-optic cables to the dual-port HBA (one cable per port). Note - It is not necessary to. Oracle's Sun Network 10 GbE Switch 72p with 16 QSFP and 8 SFP+ ports is used as an aggregation switch with the Oracle Switch ES1-24 as a top-of-rack (ToR) switch. Cisco UCS is an ideal platform for the architecture of mission critical database workloads such as Oracle RAC. For instructions, refer to the documentation supplied with the Fibre Channel HBA.



Article Content

Jan 15, 2026

(Optional) Assemble the SFP+ Cables

(Optional) Assemble the SFP+ Cables If the optical SFP+ cables are unassembled, you must assemble the cables before attaching them to the switch. Note - The ends of the optical fiber cable and the

Aug 19, 2025

Connecting the Cables

The following figure shows how to connect two fiber-optic cables to the dual-port HBA (one cable per port). Connect the other end of the cable to a supported

Sep 19, 2025

Sun Storage 16 Gb Fibre Channel PCIe Universal Host Bus ...

The following figure shows how to connect two fiber-optic cables to the dual-port HBA (one cable per port). Connect the other end of the cable to a supported switch or storage device.

Dec 12, 2025

Oracle White Paper

If you are connecting Fibre Channel devices, such as storage, through a Fibre Channel switch, then you must connect the Fibre Channel switch to a Fibre Channel port on the FCoE switch.

Jan 27, 2026

(Optional) Assemble the Optical Fiber SFP+ Cables

If the optical SFP+ cables are unassembled, you must assemble the cables before connecting them to the switch.

Nov 04, 2025

Readying Oracle Database Appliance for Deployment

Attaching Network Cables to Oracle Database Appliance Connect Oracle Database Appliance X6-2S, X6-2M, or X6-2L to either a 10GBase-T (copper) or 10GbE SFP+ (fiber) network. Attaching

Sep 21, 2025

Oracle's 10 Gigabit Ethernet Transceivers and Cables Frequently

Users can connect twenty 10GBase-T ports from the switch to Oracle servers, storage, and Oracle Database Appliance since they already have on their system 1/10GBase-T ports. Four SFP+ ports of

Apr 27, 2026

Oracle Database Appliance Networks

Does Oracle Database Appliance support LACP or "trunk mode"? You can configure the switch and host as the standard Linux configuration to use the LACP. When creating mode 4 bonding in Linux, the

Mar 18, 2026

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Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Jan 12, 2026

Integrating Oracle SuperCluster Engineered Systems with a Data

This white paper outlines the physical connectivity solutions supported by Oracle SuperCluster engineered systems and the newly introduced and smaller Oracle Switch ES1-24 for connecting to a

May 05, 2026

Networking Best Practices with Oracle ZFS Storage Appliance

In simple configurations where a single Oracle ZFS Storage Appliance system is used with one or two application servers, direct connections for data traffic between Oracle ZFS Storage Appliance

Jul 23, 2025

Connecting Storage using Fiber Chanel — oracle-mosc

It is necessary to connect Sun ZFS Storage 7120 using Fiber Channel. Installation of two different FC PCIe cards hasn't given any results.

Dec 10, 2025

Oracle Database Appliance Networks

How do I change from SFP28 Copper to SPF28 Fiber in Oracle Database Appliance X7-2? Shut down the server, install the appropriate transceivers, swap cables, and restart the server.

Nov 26, 2025

Readying Oracle Database Appliance for Deployment

Attaching Storage Cables to Oracle Database Appliance X9-2-HA Connect the storage cables for Oracle Database Appliance X9-2-HA. Attaching Network Cables to Oracle Database Appliance X9-2-HA

Apr 10, 2026

Working With NVMe Storage Over Fibre Channel

This chapter provides instructions relating to configuring HBA devices such as certain Broadcom Emulex or Marvell Qlogic Fibre Channel adapters to connect to remote NVMe SSD devices over a Fibre

Apr 11, 2026

The Ultimate Guide to Data Center Fiber Connectivity

Data center fiber connectivity refers to the network infrastructure that enables data transmission between servers, storage systems, and other devices within a data

Jul 27, 2025

Types of External Cables

Pilot External Cables Pilot external cables provide the management connections. Ethernet CAT6a cables connect from the NET 3 ports on the Pilot nodes to the customer management network. The

Jan 22, 2026

FlexPod Datacenter with Oracle 19c RAC Databases on

This document provides a step-by-step configuration and implementation guide for the FlexPod Datacenter with Cisco UCS Compute

Aug 22, 2025

Set Up a Fibre Channel Storage Area Network Device as the

Ensure that the storage area network (SAN) is installed and configured to make the storage device visible to the host on the server. For instructions, refer to the documentation supplied with the Fibre

Jun 21, 2026

Fibre Channel Switch | Oracle Database 19c Best Practices on Dell ...

For connectivity from the servers to the PowerStore 5000T storage array, Dell Connectrix switches were used. The Connectrix DS-6620B is designed to support medium-to-large sized database deployments.

Jan 20, 2026

C.3 External Storage Connections

External Fibre Channel storage, shown on the right-hand side of the diagram, is connected to the I/O modules 3 and 12 of the Fabric Interconnects, but through

Dec 12, 2025

Readying Oracle Database Appliance for Deployment

You can connect Oracle Database Appliance X6-2S and Oracle Database Appliance X6-2M to 10GBase-T (copper) or 10GbE SFP+ (fiber) networks. Use standard Cat-6 network cables to connect

Oct 24, 2025

Readying Oracle Database Appliance for Deployment

Connect Oracle Database Appliance X7-2-HA to either a 10GBase-T (copper) or 25GbE SFP28 (fiber) network. The SFP28 ports support 10Gb and 25Gb fibre

Jan 24, 2026

Oracle ZFS Storage Appliance: Fibre Channel Zoning with Brocade

This document describes how to create a basic Fibre Channel zone with a Brocade switch that can contain the ZFS Storage Appliance as well as adding any connected Windows, Linux, and

Contact Us

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