

# Modify the port mode of the fiber optic switch

Each physical Fibre Channel interface in a switch may operate in one of several port modes: E mode, TE mode, F mode, and SD mode (see the figure below). A physical Fibre Channel interface can be ...

The fiber switch has six RJ-45 ports (P1-P6) for Ethernet connections and two pair of fiber optic connection ports (P7-P8). Each fiber switch must be programmed with a unique IP address.

Here we look at how the QSFP28 100G port can work at speeds other than 100Gbps. The configuration commands and hardware needed will be covered in this article illustrated with FS 100G ...

The allowed port types indicate any constraints on what types the port can be configured with when it comes online. For normal (that is, non-EX\_Port) ports, the following port types are allowed:

If the configured port group mode is incorrect for the installed SFP transceiver, change the port group mode to the correct setting. For example, if the configured port group is set to ...

ExtremeXOS allows you to specify the medium as copper or fiber when configuring ExtremeSwitching switches with combination ports. If the medium is not specified for combination ports then the ...

Use 10000full for the general 10G interface configuration. If that setting does not work, use 10000cr for copper connections (with copper cables such as 10GBASE-CR) or use 10000sr for fiber connections ...

The duplex command is used to set the duplex mode of a switch port, which can be either half-duplex or full-duplex. Full-duplex allows simultaneous transmission and reception of data, while ...

Configure the FCoE VLAN interface port mode to F\_Port to connect the switch to FCoE initiators, or configure the native FC interface port mode to proxy N\_Port (NP\_Port) to connect the switch to an ...

If you're looking to learn how to configure fiber optics on a Cisco switch, it's important to first configure the switch settings so it's ready for fiber optics.

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