

Remove and Replace NCS 1000 32-Channel Mux/Demux Patch Panel - Enhanced

This chapter describes the tasks to remove and replace the Cisco NCS 1000 32-Channel Mux/Demux Patch Panels.

- NCS1K-MD-32E-CE
- NCS1K-MD-32O-CE

Note This chapter also applies to the **N1K-MD-32E-C=** patch panel in the Cisco NCS 1000 Series Mux/Demux Patch Panels, unless otherwise specified.

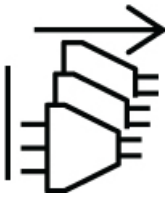
Note In this chapter, "patch panel" refers to the "Cisco NCS 1000 32-Channel Mux/Demux Patch Panel".

Caution Always populate the modular slots in the Cisco NCS 1010 chassis with respective modules (line card, controller, PSU, and fan trays). Perform the replacement or upgrade of the modules (Online Insertion or Removal (OIR)) only when the ambient temperature is below 30 degree Celsius. Complete the OIR of modules within five minutes to prevent overheating of the components.

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Warning **Statement 1028—**More Than One Power Supply

This unit might have more than one power supply connection. To reduce risk of electric shock, remove all connections to de-energize the unit.



Warning **Statement 1073—**No User-Serviceable Parts

There are no serviceable parts inside. To avoid risk of electric shock, do not open.

Note **Statement 1089—**Instructed and Skilled Person Definitions

An instructed person is someone who has been instructed and trained by a skilled person and takes the necessary precautions when working with equipment.

A skilled person or qualified personnel is someone who has training or experience in the equipment technology and understands potential hazards when working with equipment.

Warning **Statement 1091—**Installation by an Instructed Person or Skilled Person

Only an instructed person or skilled person should be allowed to install, replace, or service this equipment. See statement 1089 for the definition of an instructed person or skilled person.

Note The maximum operating altitude for OIR is 1800 m.

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This task describes the steps for removing the patch panel from the rack.

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Procedure

Step 1 Gently disconnect the fiber-optic connectors in the LC-LC adapters.

Step 2 Disconnect the inventory USB cable releasing it in the USB cable and in the USB receptacle.

Step 3 Clear the front of the patch panel from any cable or fiber.

Step 4 Disconnect the ground lug.

Step 5 Loosen the mounting screws and remove the patch panel from the rack.

What to do next

- Install NCS 1000 32-Channel Mux/Demux Patch Panels - Enhanced

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