Replace controller in rack

StorageGRID 11.7

NetApp
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Replace controller in rack

Remove SG6000-CN controller from cabinet or rack

Remove the SG6000-CN controller from a cabinet or rack to access the top cover or to move the controller to a different location.

Before you begin

- You have labels to identify each cable that is connected to the SG6000-CN controller.
- You have physically located the SG6000-CN controller where you are performing maintenance in the data center.

  Locate controller in data center

- You have shut down the SG6000-CN controller.

  Shut down SG6000-CN controller

  Don’t shut down the controller using the power switch.

Steps

1. Label and then disconnect the controller power cables.
2. Wrap the strap end of the ESD wristband around your wrist, and secure the clip end to a metal ground to prevent static discharge.
3. Label and then disconnect the controller data cables and any SFP+ or SFP28 transceivers.

   To prevent degraded performance, don’t twist, fold, pinch, or step on the cables.

4. Loosen the two captive screws on the controller front panel.

5. Slide the SG6000-CN controller forward out of the rack until the mounting rails are fully extended and you hear the latches on both sides click.

   The controller top cover is accessible.

6. Optional: If you are fully removing the controller from the cabinet or rack, follow the instructions for the rail kit to remove the controller from the rails.

After replacing the part, return the failed part to NetApp, as described in the RMA instructions shipped with the kit. See the Part Return & Replacements page for further information.

Related information

Remove SG6000-CN controller cover

Reinstall SG6000-CN controller into cabinet or rack

Reinstall the controller into a cabinet or rack when hardware maintenance is complete.

Before you begin

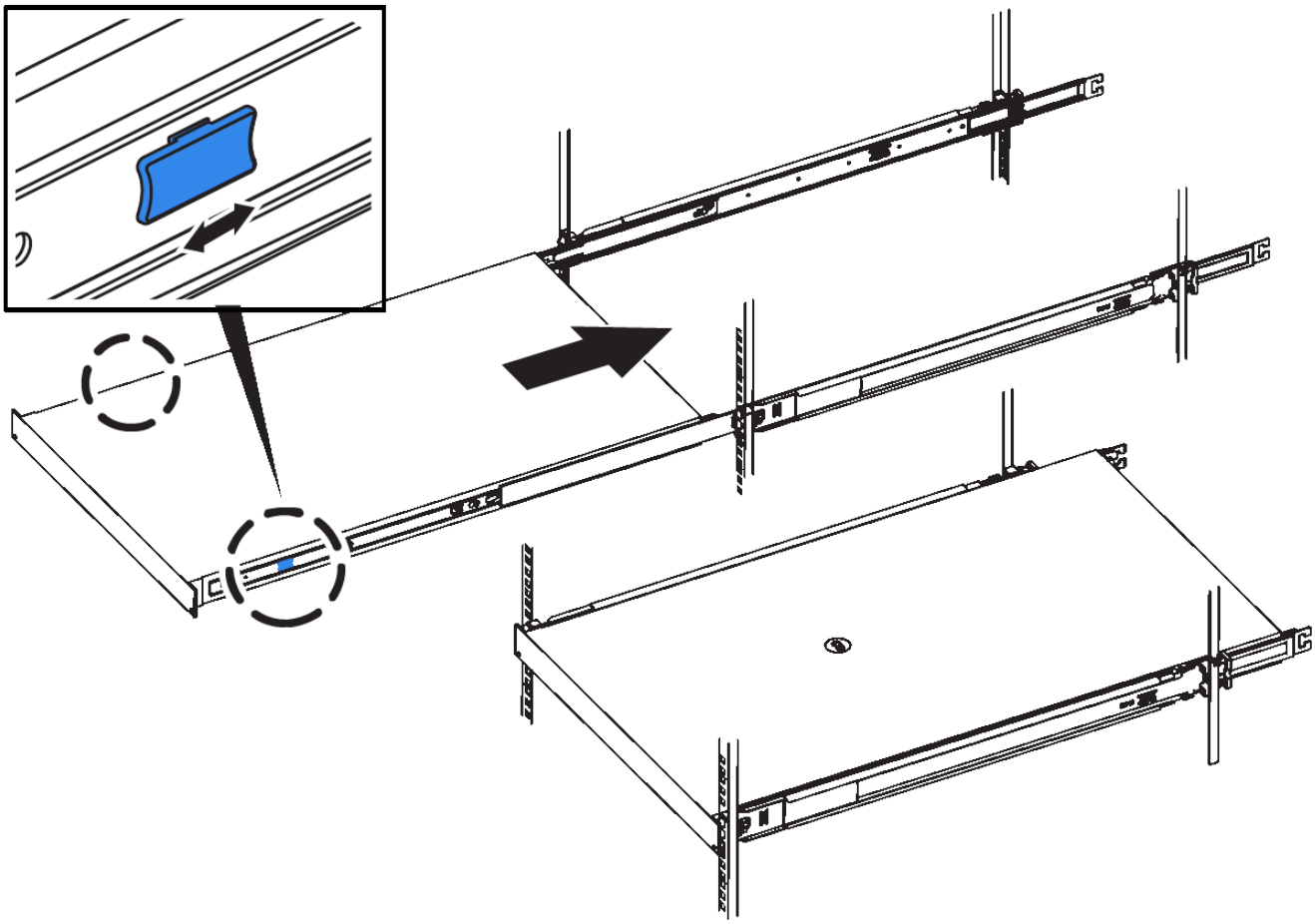
You have reinstalled the controller cover.

Reinstall SG6000-CN controller cover

Steps

1. Press the blue rail releases both rack rails at the same time and slide the SG6000-CN controller into the rack until it is fully seated.

   When you can't move the controller any further, pull the blue latches on both sides of the chassis to slide the controller all the way in.



Don't attach the front bezel until after you power on the controller.

2. Tighten the captive screws on the controller front panel to secure the controller in the rack.

3. Wrap the strap end of the ESD wristband around your wrist, and secure the clip end to a metal ground to prevent static discharge.
4. Reconnect the controller data cables and any SFP+ or SFP28 transceivers.

   To prevent degraded performance, don’t twist, fold, pinch, or step on the cables.

   Cable appliance (SG6000)

5. Reconnect the controller power cables.

   Connect power cords and apply power (SG6000)

After you finish

The controller can be restarted.

Power on SG6000-CN controller and verify operation

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