

Veritas Appliance

Hardware Service Procedure

Replacing a Veritas Primary Storage Shelf or Expansion Storage Shelf power cable

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Purpose

This document describes the process for replacing a faulty Primary Storage Shelf or Expansion Storage Shelf power cable.

Affected Models

- NetBackup 5330 Appliance
- Velocity 7330 Appliance

Electrical Safety

The static discharged by human bodies can damage static-sensitive components on the boards. When installing and maintaining the equipment, observe appropriate electrostatic safety precautions to prevent personnel injuries or device damage.

When operating a device in an electrostatic sensitive area, you must take electrostatic-discharge (ESD)-preventive measures. These include wearing ESD-preventive gloves, an ESD-preventive wrist strap, and ESD-preventive clothes to avoid personnel injury or device damage.

To prevent damage to the device, pay attention to the following during operations:

- Do not touch devices with bare hands because ESD from the human body may damage the electrostatically sensitive elements on a board.
- When dealing with the server or any of the internal components, wear an ESD-preventive wrist strap, ESD-preventive gloves, and ESD-preventive suit.

Hardware Part Replacement Procedure

Removing and replacing a Primary Storage Shelf or Expansion Storage Shelf power cable

This document describes how to replace a Primary Storage Shelf or Expansion Storage Shelf power cable while the appliance is operating. One of the power cables to each storage shelf must be operating at all times.

Review the following:

- If both power cables must be removed at the same time on the Primary Storage Shelf, ensure that there are no I/O operations on the appliance in progress, and then turn off the Primary Shelf.
- If both power cables must be removed at the same time on the Expansion Storage Shelf, ensure that there are no I/O operations on the appliance in progress and power off the Primary Shelf. After the Primary Shelf has powered off (all displays are completely off), then turn off the Expansion Shelf.

This repair can be accomplished with the Primary Storage Shelf and the Expansion Storage Shelf installed in the rack.

Requirements

- Replacement power cable

To remove the power cable

- 1 Locate and identify the storage shelf that has the faulty power cable.
- 2 Do the following as applicable:
 - Disconnect the faulty power cable from the primary shelf.

Warning: Replace one power cable at a time only. If you need to remove both power cables from the Primary Storage Shelf, ensure that there are no I/O operations on the appliance in progress, and then turn off the Primary Storage Shelf.

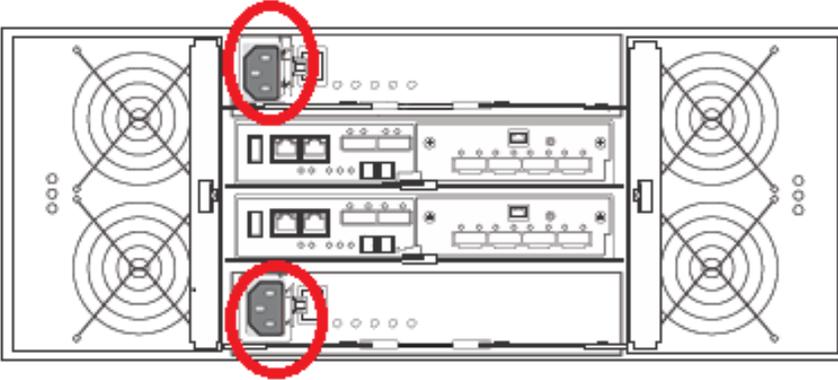
- Disconnect the faulty power cable from the Expansion Storage Shelf.

Warning: Replace one power cable at a time only. If both power cables must be removed at the same time on the Expansion Storage Shelf, ensure that there are no I/O operations on the appliance in progress and power off the Primary Shelf. After the Primary Storage Shelf has powered off (all displays are completely off), then turn off the Expansion Storage Shelf.

To install the power cable

- 1 Verify that the AC power supply input for the storage shelves is within the range of 200 - 240 VAC at 50/60 Hz, 9.13 - 10.95 A.

- 2 Remove the replacement power cable from any wrapping.
- 3 Do the following as applicable:
 - On the Primary Storage Shelf, connect a power cord to the power supply socket. Connect the other end of each cord to the appropriate AC power source.



- On the Expansion Storage Shelf, connect a power cord to the power supply socket. Connect the other end of each cord to the appropriate AC power source.

