The Snap Server® 12000 Ethernet Card

These instructions explain how to replace an Ethernet card on the Snap Server.

Replacement Part Inventory

Before you begin, make sure you have the following items from the package containing the replacement Ethernet card:

• The Ethernet card in an anti-static bag

Tools Required

• Phillips screwdriver
• Motherboard extraction tool

Overview of the Procedure

To remove and replace the Ethernet card, you perform the following tasks:

• Shut down the server and disconnect the power cords and Ethernet cable(s)
• Remove the motherboard tray assembly
• Remove the old Ethernet card from the motherboard
• Install the new Ethernet card on the motherboard
• Insert the motherboard tray assembly
• Restart the server

Shutting Down the Server

1 Shut down the server.

   Caution Shut down the server before you make any repairs. Improper shutdown may lead to loss of data or physical harm.
2. Turn off the power modules. Make sure the switch on each power module is in the off position.

3. Disconnect the AC power cords from the back of the server.

4. Disconnect the Ethernet connectors.

**Removing the Motherboard Tray Assembly**

1. At the back of the server, loosen the 2 thumbscrews on either side of the motherboard tray assembly.

2. Attach the ends of the motherboard extraction tool behind the loosened thumbscrews.
3. Pull the motherboard tray assembly out of the server.

4. Place the motherboard tray assembly on a grounded, padded surface.
   You reinstall it later in the procedure.

   **Caution** There are static-sensitive electronics inside the server. Before you handle
   any parts, make sure you are working at a static-controlled workstation and that
   you are properly grounded.
Removing and Replacing the Ethernet Card

1  Unscrew the top screw that attaches the Ethernet card bracket to the motherboard tray.

Set the screw aside in a safe place. You use it later to attach the bracket on the new Ethernet card.

2  Remove the old Ethernet card.

3  Insert the new Ethernet card.

Press firmly to be sure the card is seated properly in its slot. Avoid contact with metal surfaces on the card. Grasp or press the edges only.

4  Replace and tighten the top screw connecting the Ethernet card bracket to the motherboard tray.

Inserting the Motherboard Tray Assembly

1  Slide the motherboard tray assembly back into the server.

2  Tighten the 2 thumbscrews on the motherboard tray assembly.
Reattaching the Power Cords and Ethernet Connectors

1. Make sure the switch on each power module is in the off position.
2. Reconnect the AC power cords and Ethernet connector to the back of the server.
3. Turn on the power modules.

Restarting the Server

Once you have completed the replacement procedure, you must restart the system. For more information, see the Administrator Guide or the Quick Start Guide.