When installing a Rack-Ready Sun Enterprise 4500 server in a Sun Enterprise System Cabinet or Sun StorEdge Expansion Cabinet, refer to the *Rackmount Placement Matrix* for storage device restrictions at the following website,

`http://docs.sun.com:80/ab2/coll.242.1/RACKMNTMTRX`

Air Baffle Requirements

When installing chassis in a rack, you must adhere to certain baffle requirements.

For the Sun Enterprise System Cabinet,

- When installing *three* Sun Enterprise 4500s, you must install the 9-inch Sun Enterprise Cabinet Air Baffle (part number X9601A) along with the 6-inch Sun Enterprise Air Baffle (part number 9625A).
- When installing *four* Sun Enterprise 4500s in a rack, only the 6-inch Sun Enterprise Air Baffle (part number 9625A) is required.

For the Sun StorEdge Expansion Cabinet,

- an Air Baffle Kit (part number X9660A) is required above the topmost Sun Enterprise 4500.

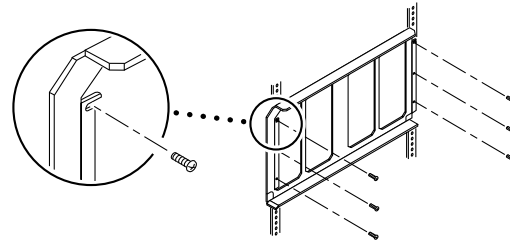## Inventory

The rack-mounting kit contains,

- Sun Enterprise 4500 System
- Left rail
- Right rail
- 10-32 x 1/2 inch (16)

Installing the Rack Rails

1. **Attach the left rail to the rack,**

   a. **Refer to the *Rackmount Placement Matrix* to determine which mounting holes you will use. The screw holes on the rack are numbered for easy identification.**

   b. **Loosely fit the two top screws in the left side of the rack.**

c. **Slide the rail onto the screws.**

d. **Install the four remaining screws, then tighten all six screws.**

2. **Install the right rail in the same manner.**

Installing the Server Chassis

1. **Remove the front door of the cabinet.**
   - Lift the door off the hinge pins on the Sun Enterprise System Cabinet.
   - Remove the plastic strips from the shelve(s) of the Sun StorEdge Expansion Cabinet.

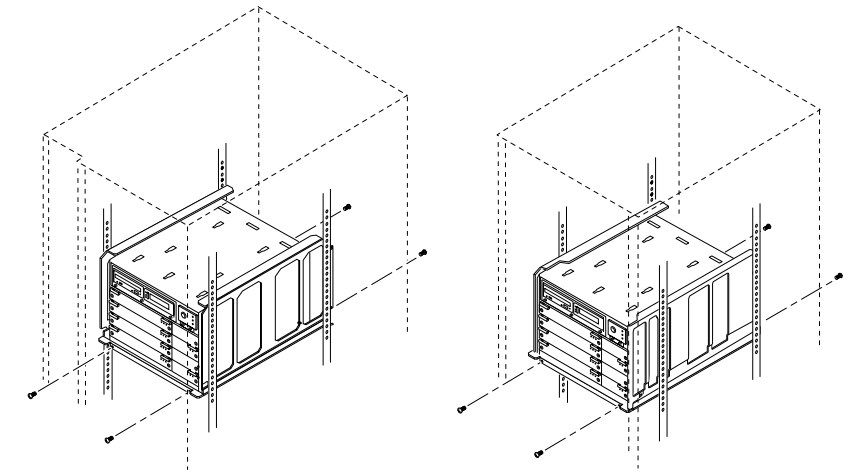2. **Lower the leveling pads to ensure that the cabinet cannot move.**

⚠ **Caution** – The chassis is heavy. In the following procedures, two people are required to move the chassis.

3. **Two people must lift and slide the chassis onto the rails.**

For the Sun Enterprise System Cabinet, the chassis is recessed a few inches into the cabinet.

For the Sun StorEdge Expansion Cabinet, the chassis is flush with the front of the cabinet.

Rack-Ready Sun Enterprise 4500 in a Sun Enterprise System cabinet   Rack-Ready Sun Enterprise 4500 in a Sun StorEdge Expansion cabinet

4. **Secure the base plate to the side rails with four 10-32 x 1/2 inch screws, two screws at the front and two screws at the rear.**

5. **Connect the chassis to the power sequencer.**

For the Sun Enterprise System Cabinet:
   - For chassis 1, disconnect the AC cable of the rack fan tray from socket J2 and connect the AC cable to J6, then connect the chassis to socket J2.
   - For chassis 2, connect to socket J7.
   - For chassis 3, connect to socket J11.
   - For chassis 4, connect to socket J2 of the second power sequencer.

- For the Sun StorEdge Expansion Cabinet:
   - For chassis 1, connect to socket J7 of the first power sequencer.
   - For chassis 2, connect to socket J12 of the first power sequencer.
   - For chassis 3, connect to socket J7 of the second power sequencer.
   - For chassis 4, connect to socket J12 of the second power sequencer.

6. **Route the interface cables as appropriate and connect them to the Sun Enterprise 4500 chassis.**

7. **Replace the front door.**

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Rack-Ready Sun Enterprise™ 4500 Server Rackmounting Guide

for the Sun Enterprise System Cabinet and the Sun StorEdge™ Expansion Cabinet

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