

Chassis Replacement Instructions

This document describes how to swap out the chassis of a SnapServer XSD 40 from Overland Storage.

WARNING: To reduce the risk of electric shock or damage to equipment, always remove any power cords while working with the unit.

AVERTISSEMENT: Pour réduire le risque de choc électrique ou endommagement de l'équipement, retirez toujours les cordons électriques en travaillant avec l'appareil.

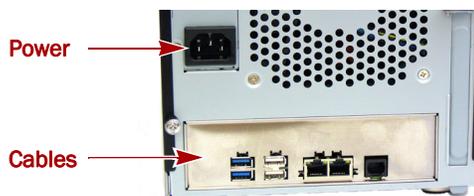
CAUTION: While working with the unit, observe standard Electrostatic Discharge (ESD) precautions to prevent damage to micro-circuitry or static-sensitive devices.



Prepare the Unit

Power Off and Disconnect Cables

1. Briefly press the **Power button** on the front.
2. When all the front LEDs are off, disconnect the **power cord**.
3. Disconnect all the **cables** from the unit.



Remove the Drives

NOTE: Do not remove the disk drives from their carriers. Doing so voids the drive warranty.

1. Slide the **release button** to the right. The latch on the front of the carrier will release and the handle will extend.
2. Using the **handle**, pull the carrier out.
3. Set the **carrier** on a secure surface.
4. Repeat [Steps 1–3](#) for each **remaining carrier**.



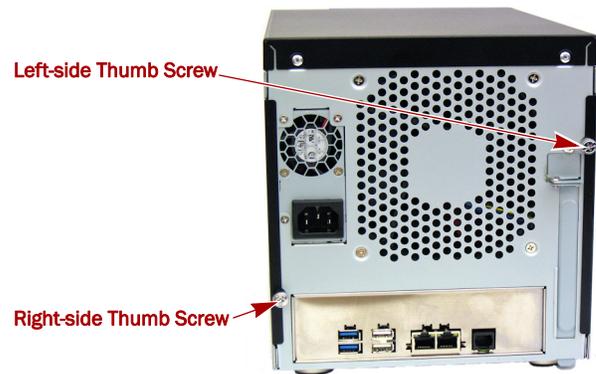
Transfer Components

Remove the Side Panels

All installed components, such as DIMMs and PCIe cards, need to be transferred to the new chassis. DIMMs are accessed through the right-side panel (when facing the unit front); the PCIe card is accessed via the left-side panel.

NOTE: *The right- and left-side panels are interchangeable.*

1. On the back of the unit, remove and retain the right-side **thumb screw** securing the side panel.
2. Slide the **side panel** towards the back of the unit until the anchors release and the panel is free.
3. Set the **panel** on a secure surface.
4. If an **optional PCIe card** is installed, repeat [Steps 1–3](#) for the left-side panel.

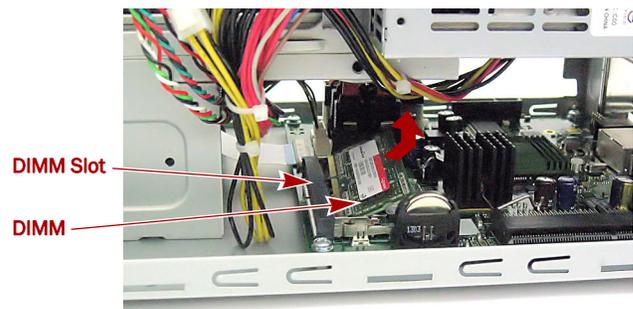


Move DIMMs

DIMMs are accessed via the right side of the unit. All installed DIMMs should be transferred to the new chassis:

NOTE: *Carefully move all cabling aside while installing and removing components.*

1. Remove the DIMMs from the **old chassis** by pressing the latches on each end and popping the DIMMs out.
2. In the **new chassis**, slide the **DIMM** into the lowest DIMM slot, lining up the DIMM notch with the guide in the slot.
3. Firmly press the **DIMM** down until it latches in place.
4. Do **one** of the following:
 - If there are **two** DIMMs installed, repeat [Steps 2–3](#), to seat the second DIMM in the remaining slot.
 - If there is only **one** DIMM installed, go to [“Reinstall the Side Panels.”](#)



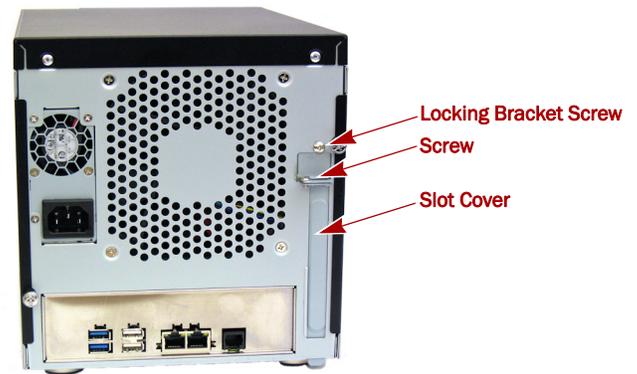
Move the Optional PCIe Card

NOTE: If there is no PCIe card installed in the old chassis, skip to “Reinstall the Side Panels.”

The PCIe card is accessed via the left side of the unit.

NOTE: Carefully move all cabling aside while installing and removing components.

1. In the **new chassis**, remove the **slot cover**:
 - a. Remove the **screw** securing the slot cover to the locking bracket.
 - b. Remove the **locking bracket** by loosening the screw securing the bracket.
 - c. Retain both **screws**, the locking **bracket**, and **cover**.
2. In the **old chassis**, remove the **PCIe card**:
 - a. Remove and retain the **screw** securing the PCIe card to the locking bracket
 - b. Remove the **locking bracket** by loosening the screw securing the bracket.
 - c. Remove the **PCIe card** by pulling it straight up from the board and out of the unit.
3. In the **new chassis**, install the **PCIe card**:
 - a. Seat the **PCIe card** in the same slot on the new board and the back panel of the chassis.
 - b. Reinstall the **locking bracket** and tighten the screw to secure the PCIe card.
 - c. Thread the **screw** through the PCIe card bracket to secure the card to the locking bracket.



Reassemble the Unit

Reinstall the Side Panels

NOTE: The panels are interchangeable; if you are having issues, reverse the orientation of the panel. When correctly installed, the side panels will slightly overlap the back of the unit.

1. On the new chassis, position the side panel with no more than **one-half inch** (1.25 cm) extending out over the rear of the unit.
2. Align the tabs on top and bottom of the **panel** with the slots on the side of the unit.
3. Slide the **panel** towards the front of the unit, ensuring the tabs are seated securely in the slots. The panel will click into place.
4. Reinstall the **thumb screw** on the back of the unit to secure the panel.
5. If needed, repeat [Steps 1–4](#) to reinstall the **second panel**.



Reinstall the Carriers

Return the drive carriers to their original bays.

1. Position a **drive carrier assembly** in front of its empty bay.
2. Slide the **assembly** into the bay until it stops.
3. Swing the **handle** closed until it locks (clicks) into place.
4. Repeat **Steps 1–3** for all remaining drive **carriers**.
5. Close the **door**.



Attach Cables and Power Cord

1. Reattach **all the cables** (except the power cord) to the same connections previously used.
2. Attach the **power cord**.
3. At the front, press the **power button** to power it ON.

 **IMPORTANT:** If this is a **new appliance install**, continue with the *SnapServer XSD 40 Quick Start Guide* instructions.

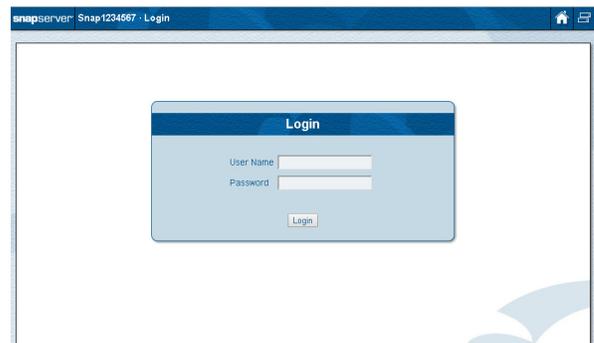


Complete the Exchange

Validate the System

1. Log onto the **system** and verify both the connections and settings.
2. Check the **front LEDs** for flashing indicating errors.
If there are any problems, contact Overland Technical Support:

<http://docs.overlandstorage.com/support>



Return Old Chassis to Overland

1. Place the **old chassis** in the anti-static bag and put it in the replacement part's box.
2. Use an RMA to return the part to **Overland Storage**.
For return shipping details and RMA number, go to:
<http://docs.overlandstorage.com/return-instructions>

