

Optional Sliding Rail Kit Instructions

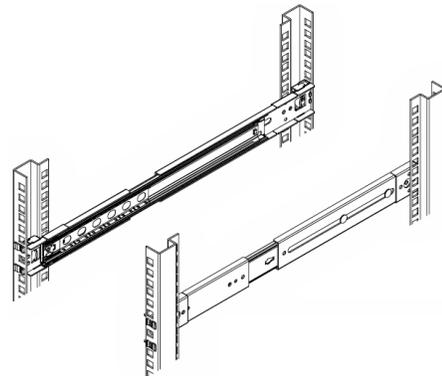
This document describes how to upgrade the standard fixed brackets that come pre-installed on a new SnapServer XSR 40 from Overland Storage.

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

WARNUNG: Um das Risiko eines elektrischen Schlags oder Schäden am Gerät zu vermeiden, ziehen Sie stets den Netzstecker, bevor Sie an der Einheit arbeiten.

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 (ES10400557-002D) precautions to prevent damage to micro-circuitry or static-sensitive devices.

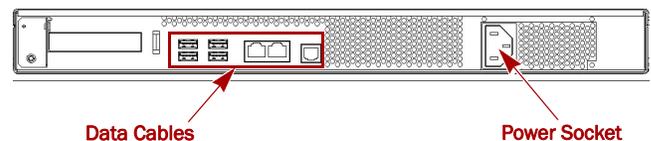


Prepare the Unit

NOTE: If this is a new SnapServer that has not yet been installed into a rack, go to the "Attach the Rails" section.

Power Off and Disconnect

1. Power off the unit by pressing the **Power** button on the front of the unit.
2. When all the LEDs are off, disconnect the **power cord**.
3. Disconnect all **data cables** from the unit.



Data Cables

Power Socket

Remove the Bezel

1. Carefully take hold of the front bezel by the right and left flanges and pull straight out from the appliance until the retaining clips release.
2. Set the bezel aside on a secure surface.



Pull

Pull



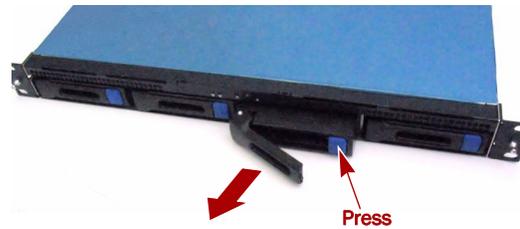
Remove the Drives

IMPORTANT: Overland recommends that you remove the drive assemblies to lessen the unit's weight prior to removal. The assemblies must be reinstalled in the same bays when done.

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

This process applies to both drive assemblies and blanks:

1. Press the release **button** on the right side of the carrier, and note the bay from which it is removed.
2. Using the **handle**, pull the assembly out.
3. Set the **assembly** on an ESD-safe surface.
4. Repeat [Steps 1–3](#) for **each** remaining carrier.



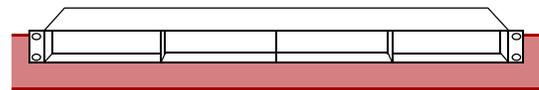
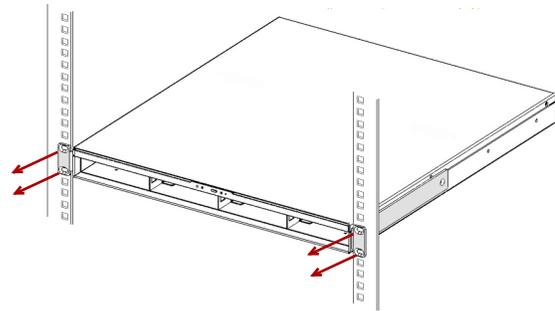
Remove Unit from Rack

WARNING: It is recommended that a mechanical lifter (or at least two people) be used during rack installation or removal to prevent injury.

WARNUNG: Um Verletzungen zu vermeiden, empfehlen wir zur Rack-Installation oder -Deinstallation die Nutzung einer mechanischen Hebehilfe (oder mindestens zwei Personen).

AVERTISSEMENT: AVERTISSEMENT: Pour éviter toute blessure il est recommandé qu'un monte-charge (ou deux personnes au moins) soit utilisé lors de l'installation ou de l'enlèvement du support.

1. Remove and retain the **four screws** from the front flanges and move the unit onto the lifter.
2. Move the unit onto a **secure surface**.

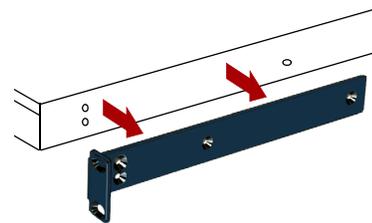


Secure Surface

Attach the Rails

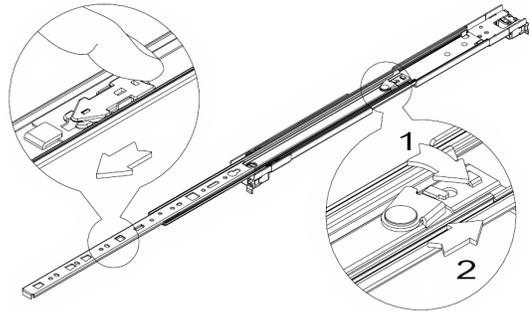
Remove Fixed Brackets

1. Remove the four screws holding the **right bracket** to the chassis. Set the bracket aside.
2. On the left side, remove the four screws holding the **left bracket**, and set it aside.



Attach Inner Rails to Unit

1. Select a **rail assembly** and slide the inner rail out until it stops.
2. Slide the inner rail **release latch** forward and remove the inner rail.
3. To retract the **middle rail**, release the lock (1) and slide it back into (2) the outer rail.
4. Repeat [Steps 1–3](#) for the **other rail assembly**.
5. Align the **inner rail** against the side of the server with the correct side up.
6. Using the supplied **screws**, secure the rail.
7. Repeat [Steps 5–6](#) for the **left rail**.

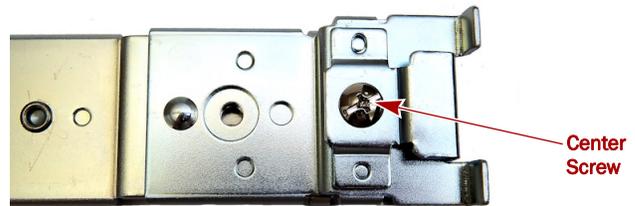


Optional Steps for Thicker Rack Rails

For rack rails **thicker than 3mm**, the sliding rail anchors cannot be seated without exerting excessive force and potentially damaging the sliding rail kit. The brackets need to be removed from each end of the slide rails to make the anchors seat securely.

For standard rack rail sizes 3mm or less, skip this procedure and proceed to [“Attach Outer Rails to Square-holed Rack.”](#)

1. Locate the **bracket** on the end of a slide rail.
2. Remove the **screw** securing the bracket to the rail.
3. Push the **bracket** toward the end of the rail, prying the back of the **bracket** upward to unseat and remove it.
4. Repeat [Steps 1–3](#) for each **end** of both **rails**.



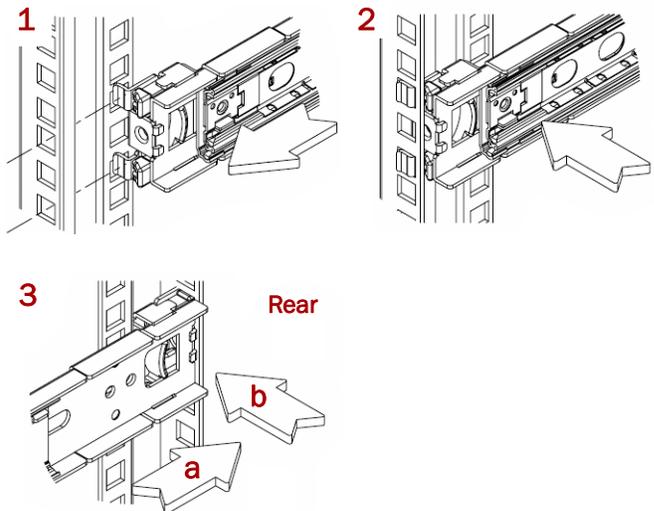
Attach Outer Rails to Square-holed Rack

NOTE: When replacing the fixed rails in a previously installed unit, the new rails should be attached to the same front vertical rack holes that the fixed bracket used.

1. Position the front of one of the **rails** in line with the front vertical rail mounting holes (1) and move it forward until the **rail anchors** are through the holes.
2. Push the rail toward the **outside of the rack** (2) until the rail locks snap into place.
3. At the **rear** (3), slide the outer rail in or out to fit between the vertical rails (a) and repeat [Steps 1–2](#) to secure it (b).

NOTE: Make sure the rear holes are the same height as the front holes so the rail is level.

4. For the other **rail**, repeat [Steps 1–3](#).

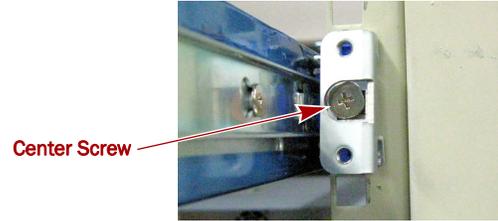
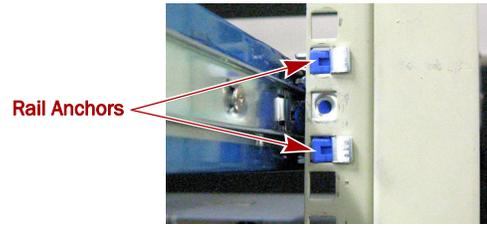


Install Lock-down Brackets on Rack

1. To install the server in the rack, first attach **lock-down brackets** to the rack.

Facing the rack, place a **bracket** around the **rail anchors** and align the center hole of the rail mounting with the center hole of the bracket

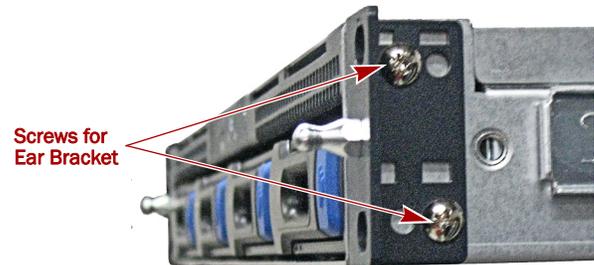
Lock-down Bracket and Screw



2. Use the supplied **screw** in the center hole to secure the lock-down bracket to the rack.
3. Repeat [Steps 1–2](#) on the other side of the rack.

Install Ear Brackets on Server

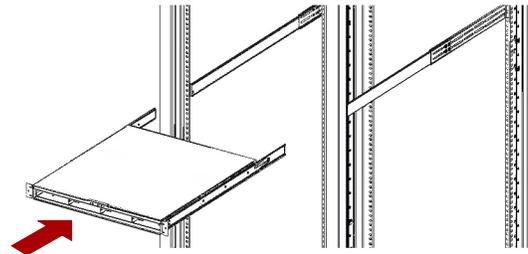
1. Starting on the right side, fit the ear bracket where the fixed bracket was removed from the chassis, then use two screws to secure the **ear bracket** to the chassis.
2. Repeat [Step 1](#) for the **left ear bracket**.



Install the Chassis

Install in Rack

1. Using the mechanical lifter, position the **appliance** in front of the rack.
2. Insert the **inner rails** into the **outer rails** and slide the unit into the rack.
3. Using the **four retained screws**, secure the SnapServer in front of the rack.
4. **For thicker racks:** Using the **two supplied screws**, secure the **rear ends of the slide rails** to the rack rails.



IMPORTANT: If this is a **new appliance install**, continue with the *SnapServer XSR 40 Quick Start Guide* instructions for connecting and configuring the appliance.

Reinstall Drives

Return the drive assemblies to the bays.

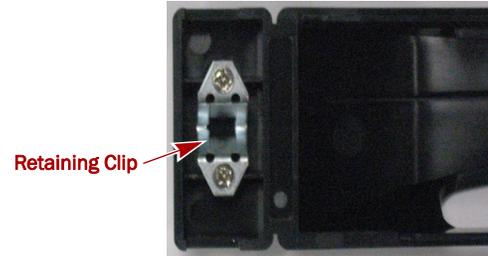
1. Position a **drive assembly** in front of an empty **bay**.
2. Slide the assembly in until the **latch** clicks, locking it in the bay.
3. Repeat [Steps 1–2](#) for **all** remaining drive carriers.

 **IMPORTANT:** To maintain proper airflow and cooling, a drive assembly or a blank carrier must be installed in every bay. No empty bays are allowed.



Reattach the Bezel

1. Position the **bezel** with the top and bottom edges aligned with the slots on the front of the appliance.
2. Push the **bezel** onto the unit until the retaining clips latch and the **bezel** snaps into place.
3. Verify that the bezel is **aligned** properly and that all the LEDs are visible.



Reattach Cables and Power Cords

1. Reattach **all the cables** (except the power cord) to their previous positions.
2. Attach the **power cord**.
3. At the front, press the **power switch** to power on the unit.

NOTE: Refer to your *SnapServer XSR 40 Quick Start Guide* for complete cabling details and locations.

