Add-on/Spare Disk Drive Instructions

This document describes how to either add a new disk drive or remove and replace an existing disk drive in a SnapServer XSD 40 Desktop Storage Appliance 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 (ESD) precautions to prevent damage to micro-circuitry or static-sensitive devices.

Register the Add-on Drives

When **adding** an additional drive to your server, you must first register it to activate the warranty. Technical and warranty support are **not available** until this is done:

1. Go to the **Overland Storage** website

   http://www.overlandstorage.com/

2. Select **Service & Support > My Products**.

3. At the Site Login, enter your **e-mail address** and **password**, and click **GO**.

4. Click the **Manage Products** button.

5. From the Product Selector drop-down list, select the **XSD 40** in which you are installing the extra drive.

6. Click **Add a Component**.

7. Enter the drive **information**.

8. Click **Save & Exit**.

➡️ **IMPORTANT:** Your warranty certificate will be emailed to you. Follow the instructions included in the email to complete the registration process.

Swap/Install Drives

Remove the Drives

Drives being replaced must be removed. Retain the drive to return it to Overland Storage, Inc.

> *NOTE:* *Do not remove the disk drives from their carriers. Doing so voids the drive warranty.*
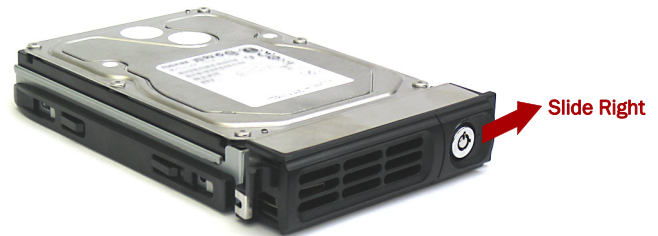
1. Slide the **release button** on the carrier to the right.

   The latch on the front of the carrier will release and the handle will extend.

2. Set the **assembly** on a secure surface.

3. Repeat Steps 1–2 for each remaining carrier.

Prepare New Drives

The handle mechanism must be unlatched to install the new drive carriers in the XSD 40.

1. Slide the **release button** on the carrier to the right.

   The latch on the front of the carrier will release and the handle will extend.

2. Set the **assembly** on a secure surface.

3. Repeat Steps 1–2 for each remaining new drive carrier.
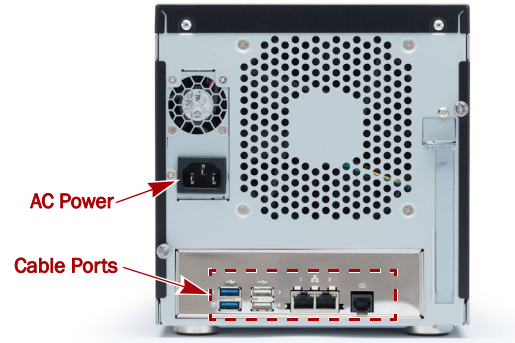
Install New Drives

1. With the door open, position a **new drive assembly** in front of the topmost empty bay.

2. Slide the **assembly** into the bay until it stops.

3. Swing the **handle** closed until it clicks, locking the drive into place.

4. Repeat Steps 1–3 for **any** other drives or blank drive carriers being installed.

5. Close the **door**.
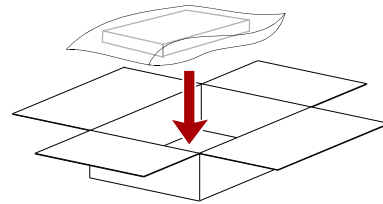
Attach Cables and Power Cord

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.

AC Power

Cable Ports

Return Old Parts to Overland

1. Place the **old part** 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

Activate New Drives

For details on activating any new drives in a XSD 40, refer to the *SnapServer Administrator's Guide For GuardianOS 7* on replacing disk drives in the ***Disks and Units*** section.

That section covers both DynamicRAID and Traditional RAID configurations.