



# Overview

## StorageGRID

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# Recover and maintain: Overview

Use these instructions to maintain your StorageGRID system and to recover from failures.

## About these instructions

These instructions describe how to apply a software hotfix, recover grid nodes, recover a failed site, decommission grid nodes or an entire site, perform network maintenance, perform host-level and middleware maintenance procedures, and perform grid node procedures.



In these instructions, “Linux” refers to a Red Hat® Enterprise Linux®, Ubuntu®, CentOS, or Debian® deployment. Use the [NetApp Interoperability Matrix Tool](#) to get a list of supported versions.

## Before you begin

- You have a broad understanding of the StorageGRID system.
- You have reviewed your StorageGRID system’s topology and you understand the grid configuration.
- You understand that you must follow all instructions exactly and heed all warnings.
- You understand that maintenance procedures not described are not supported or require a services engagement.

## Maintenance procedures for appliances

For hardware procedures, see the installation and maintenance instructions for your StorageGRID appliance.

- [SG100 and SG1000 services appliances](#)
- [SG6000 storage appliances](#)
- [SG5700 storage appliances](#)
- [SG5600 storage appliances](#)

## Download Recovery Package

The Recovery Package file allows you to restore the StorageGRID system if a failure occurs.

### What you’ll need

- You must be signed in to the Grid Manager using a [supported web browser](#).
- You must have the provisioning passphrase.
- You must have specific access permissions.

Download the current Recovery Package file before making grid topology changes to the StorageGRID system or before upgrading software. Then, download a new copy of the Recovery Package after making grid topology changes or after upgrading software.

### Steps

1. Select **MAINTENANCE > System > Recovery package**.
2. Enter the provisioning passphrase, and select **Start Download**.

The download starts immediately.

3. When the download completes:
  - a. Open the `.zip` file.
  - b. Confirm it includes a `gpt-backup` directory and an inner `.zip` file.
  - c. Extract the inner `.zip` file.
  - d. Confirm you can open the `Passwords.txt` file.
4. Copy the downloaded Recovery Package file (`.zip`) to two safe, secure, and separate locations.



The Recovery Package file must be secured because it contains encryption keys and passwords that can be used to obtain data from the StorageGRID system.

#### **Related information**

[Administer StorageGRID](#)

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