Overview

StorageGRID

NetApp
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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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