



# Provision NAS storage for Linux servers using NFS

## ONTAP System Manager

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# Provision NAS storage for Linux servers using NFS

Create volumes to provide storage for Linux servers using the NFS protocol.

This procedure creates new volumes on an [existing NFS-enabled storage VM](#).

## *Steps*

1. Create a new volume: click **Storage > Volumes** and then click **Add**.
  - a. The default export policy grants full access to all users. You can add more restrictive rules to the export policy later.
2. Switch to a Linux system to verify access.
  - a. Create and mount the volume using the network interface of the storage VM.
  - b. On the newly mounted volume, create a test file, write text to it, and then delete the file.

After verifying access, you might want to [restrict client access with the volume's export policy](#) and set any desired UNIX ownership and permissions on the mounted volume.

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