

Enable NAS storage for Linux servers using NFS

ONTAP System Manager

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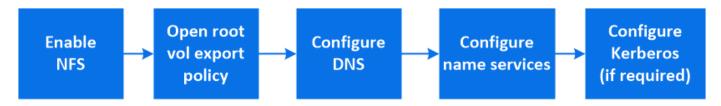
Table of Contents

Enable NAS storage for Linux servers using NFS	
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Modify storage VMs to enable NFS servers for serving data to Linux clients.

This procedure enables an existing storage VM. It is assumed that configuration details are available for any authentication or security services required in your environment.



Steps

- 1. Enable NFS on an existing VM: click **Storage > Storage VMs**, select a storage VM, click **Settings**, and then click to under NFS.
- 2. Open the export policy of the storage VM root volume:
 - a. Click Storage > Volumes, select the root volume of the storage VM (which by default is volume-name _root), and then click on the policy that is displayed under Export Policy.
 - b. Click **Add** to add a rule.
 - Client specification = 0.0.0.0/0
 - Access protocols = NFS
 - Access details = UNIX Read-Only
- 3. Configure DNS for host-name resolution: click **Storage > Storage VMs**, select the storage VM, click **Settings**, and then click the storage DNS.
- 4. Configure name services as required.
 - a. Click **Storage > Storage VMs**, select the storage VM, click **Settings**, and then click for **\$\frac{1}{2}\$** LDAP or NIS.
 - b. Include any changes in the name services switch file: click 🥕 in the Name Services Switch tile.
- 5. Configure Kerberos if required:
 - a. Click Storage > Storage VMs, select the storage VM, and then click Settings.
 - b. Click \rightarrow in the Kerberos tile and then click **Add**.

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