



# **Enable NAS storage for Linux servers using NFS**

## **ONTAP System Manager**

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# Enable NAS storage for Linux servers using NFS

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  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  under **DNS**.
4. Configure name services as required.
  - a. Click **Storage > Storage VMs**, select the storage VM, click **Settings**, and then click for  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  in the Kerberos tile and then click **Add**.

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