



Provision NVMe storage for SUSE Linux

ONTAP System Manager

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Create namespaces to provide storage for a SUSE Linux server using the NVMe protocol. Namespaces appear to Linux as SCSI disk devices.

This procedure creates new namespaces on an existing storage VM. Your storage VM must be configured for NVME, and your FC transport should already be set up.



Beginning in ONTAP 9.8, when you provision storage, QoS is enabled by default. You can disable QoS or choose a custom QoS policy during the provisioning process or at a later time.

Steps

1. In ONTAP System Manager, click **Storage** > **NVMe Namespaces** and then click **Add**.

If you need to create a new subsystem, click **More Options**.

If you are running ONTAP 9.8 or later and you want to disable QoS or choose a custom QoS policy, click **More Options** and then select **Performance Service Level**.

2. Zone your FC switches by WWPN. Use one zone per initiator and include all target ports in each zone.
3. On your Linux server, discover the new namespaces.
4. Initialize the namespace and optionally format it with a file system.
5. Verify the Linux server can write and read data on the namespace.

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