



NFS configuration workflow

System Manager Classic

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NFS configuration workflow

Configuring NFS involves optionally creating an aggregate and then choosing a workflow that is specific to your goal—creating a new NFS-enabled SVM, configuring NFS access to an existing SVM, or simply adding an NFS volume to an existing SVM that is already fully configured for NFS access.

Create an aggregate

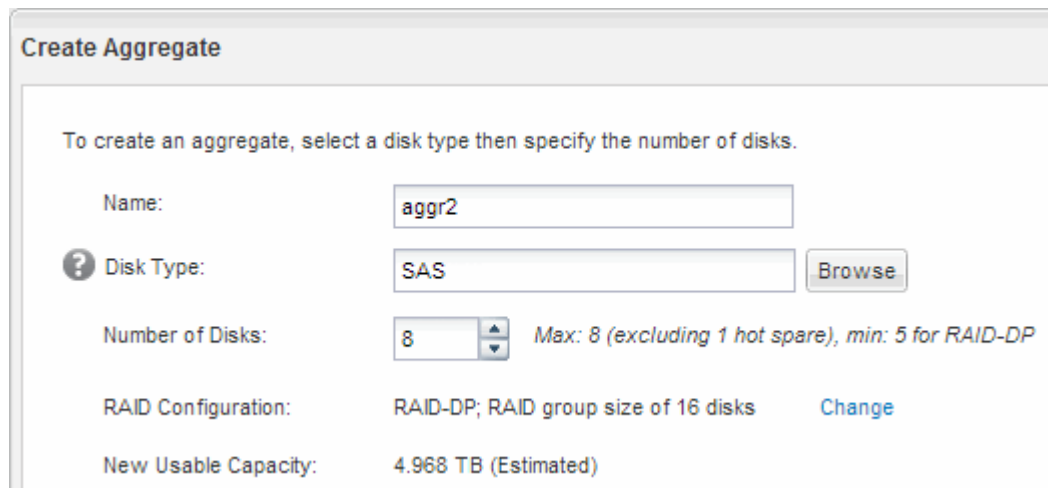
If you do not want to use an existing aggregate, you can create a new aggregate to provide physical storage to the volume which you are provisioning.

About this task

If you have an existing aggregate that you want to use for the new volume, you can skip this procedure.

Steps

1. Enter the URL `https://IP-address-of-cluster-management-LIF` in a web browser and log in to System Manager using your cluster administrator credential.
2. Navigate to the **Aggregates** window.
3. Click **Create**.
4. Follow the instructions on the screen to create the aggregate using the default RAID-DP configuration, and then click **Create**.



The screenshot shows the 'Create Aggregate' form. At the top, it says 'To create an aggregate, select a disk type then specify the number of disks.' Below this, there are several fields: 'Name:' with the value 'aggr2'; 'Disk Type:' with a dropdown menu showing 'SAS' and a 'Browse' button; 'Number of Disks:' with a spinner box set to '8' and a note 'Max: 8 (excluding 1 hot spare), min: 5 for RAID-DP'; 'RAID Configuration:' with the text 'RAID-DP; RAID group size of 16 disks' and a 'Change' link; and 'New Usable Capacity:' with the value '4.968 TB (Estimated)'.

Results

The aggregate is created with the specified configuration and added to the list of aggregates in the Aggregates window.

Decide where to provision the new volume

Before you create a new NFS volume, you must decide whether to place it in an existing storage virtual machine (SVM), and, if so, how much configuration the SVM requires. This decision determines your workflow.

Procedure

- If you want to provision a volume on a new SVM, create a new NFS-enabled SVM.

[Creating a new NFS-enabled SVM](#)

You must choose this option if NFS is not enabled on an existing SVM.

- If you want to provision a volume on an existing SVM on which NFS is enabled but not configured, configure NFS access on the existing SVM.

[Configuring NFS access on an existing SVM](#)

This is the case if you did not follow this procedure to create the SVM while configuring a different protocol.

- If you want to provision a volume on an existing SVM that is fully configured for NFS access, add an NFS volume to the NFS-enabled SVM.

[Adding an NFS volume to an NFS-enabled SVM](#)

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