



SMB/CIFS configuration workflow

System Manager Classic

NetApp
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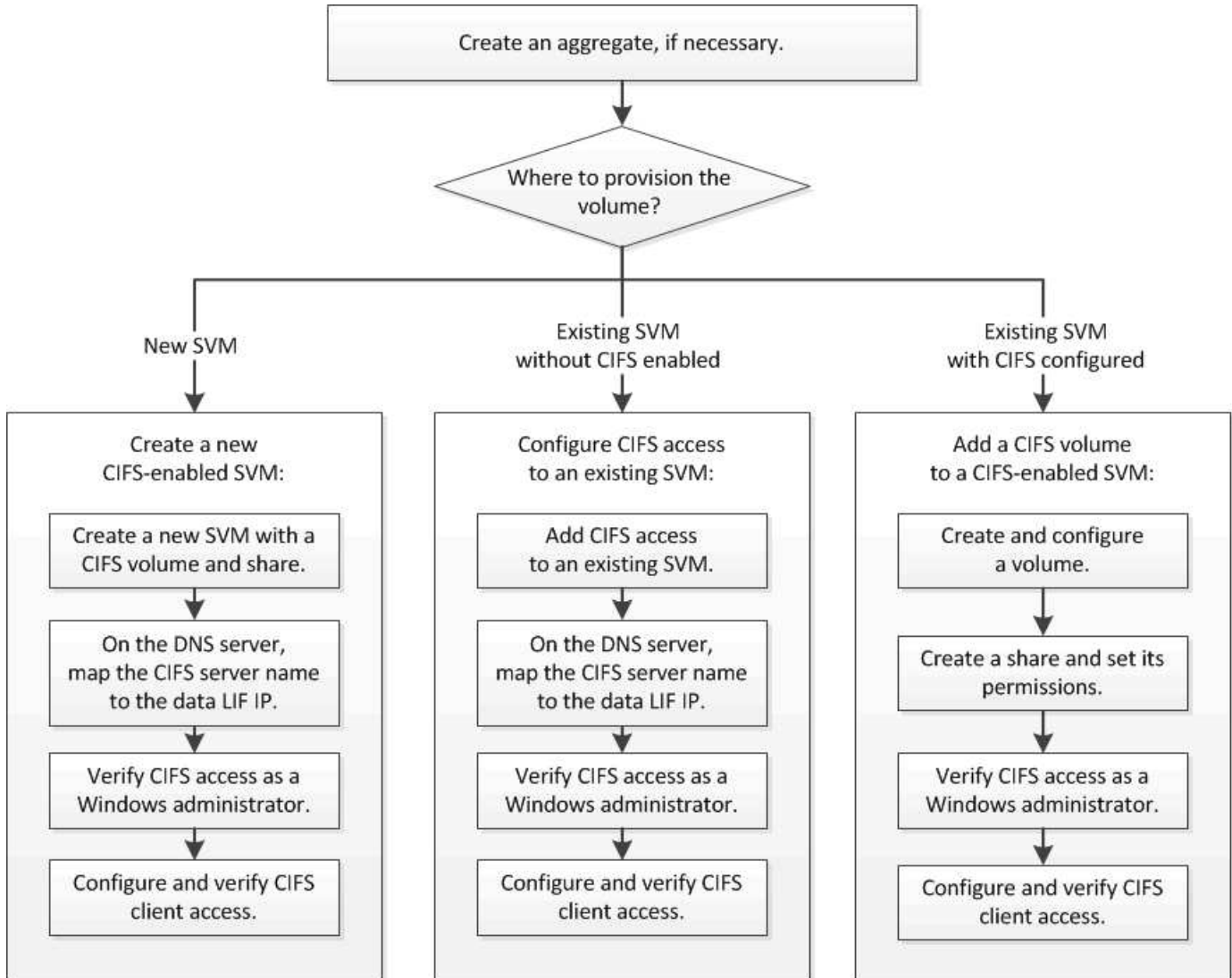
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SMB/CIFS configuration workflow

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

Create Aggregate

To create an aggregate, select a disk type then specify the number of disks.

Name:

Disk Type:

Number of Disks: *Max: 8 (excluding 1 hot spare), min: 5 for RAID-DP*

RAID Configuration: RAID-DP; RAID group size of 16 disks [Change](#)

New Usable Capacity: 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 CIFS 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 CIFS-enabled SVM.

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

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

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

[Configuring CIFS/SMB access on an existing SVM](#)

You should choose this option if you used the procedure to create the SVM for SAN access.

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

[Adding a CIFS volume to a CIFS-enabled SVM](#)

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