Enable SnapMirror in Element software

ONTAP 9

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Enable SnapMirror in Element software

Enable SnapMirror on the Element cluster

You must enable SnapMirror on the Element cluster before you can create a replication relationship. You can perform this task in the Element software web UI only.

Before you begin

- The Element cluster must be running NetApp Element software version 10.1 or later.
- SnapMirror can only be enabled for Element clusters used with NetApp ONTAP volumes.

About this task

The Element system comes with SnapMirror disabled by default. SnapMirror is not automatically enabled as part of a new installation or upgrade.

Once enabled, SnapMirror cannot be disabled. You can only disable the SnapMirror feature and restore the default settings by returning the cluster to the factory image.

Steps

1. Click **Clusters** > **Settings**.
2. Find the cluster-specific settings for SnapMirror.
3. Click **Enable SnapMirror**.

Enable SnapMirror on the Element source volume

You must enable SnapMirror on the Element source volume before you can create a replication relationship. You can perform this task in the Element software web UI only.

Before you begin

- You must have enabled SnapMirror on the Element cluster.
- The volume block size must be 512 bytes.
- The volume must not be participating in Element remote replication.
- The volume access type must not be “Replication Target”.

About this task

The procedure below assumes the volume already exists. You can also enable SnapMirror when you create or clone a volume.

Steps

1. Click **Management** > **Volumes**.
2. Click the button for the volume.
3. In the drop-down menu, select **Edit**.
4. In the **Edit Volume** dialog, select **Enable SnapMirror**.
5. Click **Save Changes**.

Create a SnapMirror endpoint

You must create a SnapMirror endpoint before you can create a replication relationship. You can perform this task in the Element software web UI only.

Before you begin

You must have enabled SnapMirror on the Element cluster.

Steps

1. Click **Data Protection** > **SnapMirror Endpoints**.
2. Click **Create Endpoint**.
3. In the **Create a New Endpoint** dialog, enter the ONTAP cluster management IP address.
4. Enter the user ID and password of the ONTAP cluster administrator.
5. Click **Create Endpoint**.

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