

Activate the destination volume

System Manager Classic

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Activate the destination volume

When the source volume is unable to serve data due to events such as data corruption, accidental deletion or an offline state, you must activate the destination volume to provide data access until you recover the data on the source volume. Activation involves stopping future SnapMirror data transfers and breaking the SnapMirror relationship.

Verify the status of the source volume

When the source volume is unavailable, you must verify that the source volume is offline and then identify the destination volume that must be activated for providing data access.

About this task

You must perform this task from the **source** cluster.

Steps

- 1. Navigate to the Volumes window.
- 2. Select the source volume, and then verify that the source volume is offline.
- 3. Identify the destination volume in the SnapMirror relationship.
 - Beginning with ONTAP 9.3: Double-click the source volume to view the details, and then click **PROTECTION** to identify the destination volume in the SnapMirror relationship and the name of the SVM that contains the volume.

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• ONTAP 9.2 or earlier: Click the **Data Protection** tab at the bottom of the Volumes page to identify the destination volume in the SnapMirror relationship and the name of the SVM that contains the volume.

Name T	Aggregate T	Status T	Thin Pro	T % Used	۲	Availabl T	Total Sp. T	Stora	ge 🔤 🕇	is Volu.	T.	Encrypted	T
	aggr2	Online	No	5		970.48 MB	1 G8	Disab	led	No		No	-
svm1_vol123_vault	aggr2	Online	No	5		121.35 MB	128.02 MB	Eneb	leđ	No		No	
Vol1	aggr3	Offine	-NA-	.NA.		-NA-	-NA-	Disab	led	No		No	
svm2_root	aggr1	Online	No	5		971.12 MB	1 GE	Disab	led	No		No	-
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Break the SnapMirror relationship

You must quiesce and break the SnapMirror relationship to activate the destination

volume. After quiescing, future SnapMirror data transfers are disabled.

Before you begin

The destination volume must be mounted on the destination SVM namespace.

About this task

You must perform this task from the **destination** cluster.

Steps

- 1. Depending on the System Manager version that you are running, perform one of the following steps:
 - ONTAP 9.4 or earlier: Click **Protection > Relationships**.
 - Beginning with ONTAP 9.5: Click **Protection > Volume Relationships**.
- 2. Select the SnapMirror relationship between the source and the destination volumes.
- 3. Click **Operations** > **Quiesce** to disable future data transfers.
- 4. Select the confirmation check box, and then click Quiesce.

The quiesce operation might take some time; you must not perform any other operation on the SnapMirror relationship until the transfer status is displayed as Quiesced.

- 5. Click **Operations > Break**.
- 6. Select the confirmation check box, and then click **Break**.

eak		2
Breaks the To recreat	e relationship permanently and converts the destination volume type from DP to RW. e the relationship perform the resync operation.	
Are you	sure you want to break the relationship?	
Source:	cluster-2://source_SVM/Vol1	
Destination:	cluster-1://dest_SVM/source_SVM_Vol1_mirror	
OK to break	the selected relationship	
	Break Cancel	

The SnapMirror relationship is in Broken Off state.

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	4														

Verify the destination volume status

After breaking the SnapMirror relationship, you must verify that the destination volume has read/write access and that the destination volume settings match the settings of the source volume.

About this task

You must perform this task from the **destination** cluster.

Steps

- 1. Navigate to the Volumes window.
- 2. Select the destination volume from the **Volumes** list, and then verify that the destination volume type is rw, which indicates read/write access.
- 3. Verify that the volume settings such as thin provisioning, deduplication, compression, and autogrow on the destination volume match the settings of the source volume.

You can use the volume settings information that you noted after creating the SnapMirror relationship to verify the destination volume settings.

- 4. If the volume settings do not match, modify the settings on the destination volume as required:
 - a. Click Edit.
 - b. Modify the general settings, storage efficiency settings, and advanced settings for your environment, as required.
 - c. Click Save and Close.

dit Volume				×
General Stora	ge Efficiency Advanced			
Name: Security style:	vol123			
Configure UNIX p	permissions (Optional)	Read	Write	Execute
Owner		V	V	v
Group		V		V
Others		\checkmark		v
Thin Provisioned When a volume space is allocate thin provisioned	i is thin provisioned, space for the volume is not alloc d as data is written to the volume. The unused aggre i volumes and LUNs.	cated in advan gate space is a	ce. Instea Ivailable 1	d, to other
Tell me more about	Thin Provisioning			
	Save	Save and Cl	ose	Cancel

- d. Verify that the columns in the **Volumes** list are updated with the appropriate values.
- 5. Enable Snapshot copy creation for the destination volume.
 - a. Depending on your ONTAP version, navigate to the **Configure Volume Snapshot Copies** page in one of the following ways:

Beginning with ONTAP 9.3: Select the destination volume, and then click **Actions > Manage Snapshots > Configure**.

ONTAP 9.2 or earlier: Select the destination volume, and then click **Snapshot Copies > Configure**.

b. Select the Enable scheduled Snapshot Copies check box, and then click OK.

Configur	re Volume S	napshot Cop	ies		×
😮 Sn	apshot Reserv	ve (%):	5		
🕑 Mał	ke Snapshot d	irectory (.snap	shot) visible		
Vis	ibility of .snap	shot directory	on this volume at the client n	nount points.	
🕑 Ena	ble scheduled	I Snapshot Cop	bies		
	Snapshot Po	licies and Sc	hedules		ר
	Select a Snap	shot policy tha	t has desired schedules for	Snapshot copies:	
	Snapshot Poli	cy:	default	·	
	Schedules of	Selected Snap	shot Policy:		
	Schedul	Retained S	Schedule	SnapMirror Label	
	hourly	6	Advance cron - {Minu	-	
	daily	2	Daily - Run at 0 hour 1	daily	
	weekly	2	On weekdays - Sund	weekly	
	Current Timez	cone:	US/Pacific		
lei	I me more abo	ut Snapshot co	onfigurations		
				OK Cancel	

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