



Administration

ONTAP System Manager

NetApp

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Administration

Creating a common snapshot copy

In addition to the regularly scheduled snapshot copy operations, you can manually create a common snapshot copy between the volumes in the primary SnapMirror consistency group and the volumes in the secondary SnapMirror consistency group.

Before you begin

The SnapMirror group relationship must be in sync.

Steps

1. Create a common Snapshot copy:

```
destination::>snapmirror update -destination-path vs1_dst:/cg/cg_dst
```

2. Monitor the progress of the update:

```
destination::>snapmirror show -fields -newest-snapshot
```

Performing a planned failover

You can perform a planned failover to test your disaster recovery configuration or to perform maintenance on the primary cluster.

Before you begin

- The relationship must be in sync
- Nondisruptive operations must not be running
- Mediator must be configured, connected, and in quorum*About this task*

A planned failover is initiated by the administrator of the secondary cluster. The operation requires switching the master and slave roles so that the secondary cluster takes over from the primary. The secondary cluster can then begin processing input and output requests locally without disrupting client operations.

Steps

1. Start the failover operation:

```
destination::>snapmirror failover start -destination-path vs1_dst:/cg/cg_dst
```

2. Monitor the progress of the failover:

```
destination::>snapmirror failover show
```

What happens during an automatic unplanned failover

An automatic unplanned failover (AUFO) operation occurs when the primary cluster is down or isolated. When this occurs, the secondary cluster is converted to the master and begins serving clients. This operation is performed only with assistance from the ONTAP Mediator.

Reversing and resynchronizing a relationship after failover of a non-tie-breaker deployment

After a planned or unplanned failover in a non-tie-breaker deployment, where the secondary site is failed over and serving data, and the primary is operational, you must perform resync operation to reverse and resynchronize (flip resync) the relationship.

About this task

In a tie-breaker deployment, the flip resync operation is performed automatically after failover. After the reversed relationship is established, the primary and secondary site will switch roles.

Steps

1. Resynchronize the relationship from the new source:

```
primary::>snapmirror resync -destination-path vs1_dst:/cg/cg_src
```

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