Starting the SnapVault relationships

Snap Creator Framework

NetApp
January 20, 2026

This PDF was generated from https://docs.netapp.com/us-en/snap-creator-framework/sap-hana-ops/task_starting_the_snapvault_relationships_with_data_ontap_operating_in_7_mode.html on January 20, 2026. Always check docs.netapp.com for the latest.

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Starting the SnapVault relationships

You need to start the SnapVault relationship with Data ONTAP operating in 7-Mode and clustered Data ONTAP.

Starting the SnapVault relationships with Data ONTAP operating in 7-Mode

You can start a SnapVault relationship with commands executed on the secondary storage system.

1. For storage systems running Data ONTAP operating in 7-Mode, you start the SnapVault relationships by running the following command:

```
hana2b> snapvault start -S hana1a:/vol/data_00001/mnt00001
/vol/backup_data_00001/mnt00001
Snapvault configuration for the qtree has been set.
Transfer started.
Monitor progress with 'snapvault status' or the snapmirror log.
hana2b>
hana2b> snapvault start -S hana1a:/vol/data_00003/mnt00003
/vol/backup_data_00003/mnt00003
Snapvault configuration for the qtree has been set.
Transfer started.
Monitor progress with 'snapvault status' or the snapmirror log.
hana2b>
hana2b> snapvault start -S hana1b:/vol/data_00002/mnt00002
/vol/backup_data_00002/mnt00002
Snapvault configuration for the qtree has been set.
Transfer started.
Monitor progress with 'snapvault status' or the snapmirror log.
hana2b>
```

It is recommended that you use a dedicated network for replication traffic. In that case, configure the host name of this interface at the primary storage controllers. Instead of hana1b and hana1a, the host name could be hana1a-rep and hana1b-rep.

Starting the SnapVault relationships with clustered Data ONTAP

You need to define a SnapMirror policy before you start a SnapVault relationship.

1. For storage systems running clustered Data ONTAP, you start the SnapVault relationships by running the following command.

```
hana::> snapmirror policy create -vserver hana2b -policy SV_HANA
hana::> snapmirror policy add-rule -vserver hana2b -policy SV_HANA
-snapmirror-label daily -keep 20
hana::> snapmirror policy add-rule -vserver hana2b -policy SV_HANA
-snapmirror-label hourly -keep 10

hana::> snapmirror policy show -vserver hana2b -policy SV_HANA

                    Vserver: hana2b
    SnapMirror Policy Name: SV_HANA
              Policy Owner: vserver-admin
               Tries Limit: 8
          Transfer Priority: normal
 Ignore accesstime Enabled: false
   Transfer Restartability: always
                   Comment: -
     Total Number of Rules: 2
                Total Keep: 8
                     Rules: Snapmirror-label  Keep Preserve Warn
                            ----------------- ---- -------- ----
                            daily              20  false      0
                            hourly             10  false      0
```

The policy must contain rules for all retention classes (labels) that are used in the Snap Creator configuration. The above commands show how to create a dedicated SnapMirror policy SV_HANA

2. To create and start the SnapVault relationship on the cluster console of the backup cluster, run the following commands.

```
hana::> snapmirror create -source-path hana1a:hana_data -destination
-path
hana2b:backup_hana_data -type XDP -policy SV_HANA
Operation succeeded: snapmirror create the relationship with destination
hana2b:backup_hana_data.

hana::> snapmirror initialize -destination-path hana2b:backup_hana_data
-type XDP
```

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