



Break and delete replication peering

NetApp Solutions

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July 21, 2021

This PDF was generated from https://docs.netapp.com/us-en/netapp-solutions/ent-apps-db/saphana-dr-anf_break_and_delete_replication_peering.html on August 03, 2021. Always check docs.netapp.com for the latest.

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Break and delete replication peering

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In case of a disaster failover, the target volumes must be broken off so that the target host can mount the volumes for read and write operations.



For the HANA data volume, you must restore the volume to the latest HANA snapshot backup created with AzAcSnap. This volume revert operation is not possible if the latest replication snapshot is marked as busy due to the replication peering. Therefore, you must also delete the replication peering.

The next two screenshots show the break and delete peering operation for the HANA data volume. The same operations must be performed for the log backup and the HANA shared volume as well.

Ir-sap-pool-premium/PR1-data-mnt0001-sm-dest

PR1-data-mnt0001-sm-dest (dr-saponanf/dr-sap-pool-premium/PR1-data-mnt0001-sm-dest)

Volume

Search (Ctrl+/)

«

EditBreak peeringDeleteRefresh

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Replication

Essentials

End point type : Destination

Healthy : Healthy

Mirror state : Mirrored

Source

Relationship status

Replication schedule

Total progress

Show data for last:

1 hour6 hours12 hours1 day7 days

Volume replication lag time

9.72hours

8.33hours

6.94hours

5.56hours

Is volume replication transfer

100

90

80

70

60

50

Break replication peering

Break replication peering

Warning! This action will stop data replication between the volumes and might result in loss of data.

Type 'yes' to proceed

yes

Ir-sap-pool-premium/PR1-data-mnt0001-sm-dest

PR1-data-mnt0001-sm-dest (dr-saponanf/dr-sap-pool-premium/PR1-data-mnt0001-sm-dest)

Volume

Search (Ctrl+/)

«

ResyncDeleteRefresh

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Replication

Essentials

End point type : Destination

Healthy : Healthy

Mirror state : Broken

Source

Relationship status

Replication schedule

Total progress

Show data for last:

1 hour6 hours12 hours1 day7 days

Volume replication lag time

1.67min

1.5min

1.33min

1.17min

1min

50sec

Is volume replication transfer

100

90

80

70

60

50

Delete replication

Delete replication object

Warning this operation will delete the connection between PR1-data-mnt00001 and PR1-data-mnt0001-sm-dest

This will delete the replication object of PR1-data-mnt00001, type 'yes' to proceed

yes

Since replication peering was deleted, it is possible to revert the volume to the latest HANA snapshot backup. If peering is not deleted, the selection of revert volume is grayed out and is not selectable. The following two screenshots show the volume revert operation.



Volume

Search (Ctrl+/)



+ Add snapshot Refresh

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Support + troubleshooting

New support request

Search snapshots

Name	↑↓	Location	↑↓	Created	↑↓
azacsnap__2021-02-18T120002-2150721Z		West US		02/18/2021, 01:00:05 PM	...
azacsnap__2021-02-18T160002-1442691Z		West US		02/18/2021, 05:00:49 PM	...
azacsnap__2021-02-18T200002-0758687Z		West US		02/18/2021, 09:00:05 PM	...
azacsnap__2021-02-19T000002-0039686Z		West US		02/19/2021, 01:00:05 AM	...
azacsnap__2021-02-19T040001-8773748Z		West US		02/19/2021, 05:00:06 AM	...
azacsnap__2021-02-19T080001-5198653Z		West US		02/19/2021, 09:00:05 AM	...
azacsnap__2021-02-19T120002-1495322Z		West US		02/19/2021, 01:00:06 PM	...
azacsnap__2021-02-19T160002-3698678Z		West US		02/19/2021, 05:00:05 PM	...
azacsnap__2021-02-22T120002-3145398Z		West US		02/22/2021, 01:00:06 PM	...
snapmirror.b1e8e48d-7114-11eb-b147-d039ea...		West US		02/22/2021, 03:32:00 PM	...
azacsnap__2021-02-22T160002-0144647Z		West US		02/22/2021, 05:00:05 PM	...
azacsnap__2021-02-22T200002-0649581Z		West US		02/22/2021, 09:00:05 PM	...
azacsnap__2021-02-23T000002-0311379Z		West US		02/23/2021, 01:00:05 AM	...
snapmirror.b1e8e48d-7114-11eb-b147-d039ea...		West US		02/23/2021, 01:10:00 PM	...

- Restore to new volume
- Revert volume
- Delete



Volume

Search (Ctrl+/)



+ Add snapshot Refresh

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Search snapshots

Name	↑↓	Location
azacsnap__2021-02-18T120002-2150721Z		West US
azacsnap__2021-02-18T160002-1442691Z		West US
azacsnap__2021-02-18T200002-0758687Z		West US
azacsnap__2021-02-19T000002-0039686Z		West US
azacsnap__2021-02-19T040001-8773748Z		West US
azacsnap__2021-02-19T080001-5198653Z		West US
azacsnap__2021-02-19T120002-1495322Z		West US
azacsnap__2021-02-19T160002-3698678Z		West US
azacsnap__2021-02-22T120002-3145398Z		West US
snapmirror.b1e8e48d-7114-11eb-b147-d039ea...		West US
azacsnap__2021-02-22T160002-0144647Z		West US
azacsnap__2021-02-22T200002-0649581Z		West US
azacsnap__2021-02-23T000002-0311379Z		West US
snapmirror.b1e8e48d-7114-11eb-b147-d039ea...		West US

Revert volume to snapshot



Revert volume PR1-data-mnt0001-sm-dest to snapshot azacsnap__2021-...

⚠ This action is irreversible and it will delete all the volumes snapshots that are newer than azacsnap__2021-02-23T000002-0311379Z. Please type 'PR1-data-mnt0001-sm-dest' to confirm.

Are you sure you want to revert 'PR1-data-mnt0001-sm-dest' to state of 'azacsnap__2021-02-23T000002-0311379Z'?



After the volume revert operation, the data volume is based on the consistent HANA snapshot backup and can now be used to execute forward recovery operations.



If a capacity pool with a low performance tier has been used, the volumes must now be moved to a capacity pool that can provide the required performance.

Next: [Mount the volumes at the target host.](#)

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