**Portworx Volume Restore**

If there is a requirement to restore a volume backup in a volume in another colo, below are the steps to follow.

* *pxctl cloudsnap restore -s <cloud-snap-id> -v <volumename> --cred-id <cred-id>*

Example :

pxctl cs restore -s 8e9021bf-0b58-4acd-b62d-6e599a17d24c/644413833607485099-627828006227834494-incr -v dindc-core-jenkins\_jobs\_latest --cred-id 5cad68d5-6969-4f29-b52c-8378c7b447a1

* Increase the replica of the volume to 2 and wait for the volume replication status to be up.

*pxctl volume ha-update -r 2 <volumename>*

Example :

pxctl v ha-update -r 2 dindc-core-jenkins\_jobs\_latest

* Monitor replication status to be completely up.

*watch “pxctl volume inspect <volumename>*

Example :

[root@p2l00266 ~]# pxctl v i dindc-core-jenkins\_jobs\_latest

Volume : 166197387960222125

Name : dindc-core-jenkins\_jobs\_latest

Size : 300 GiB

Format : xfs

HA : 3

IO Priority : HIGH

Creation time : Sep 19 16:28:31 UTC 2020

Shared : no

Status : up

State : detached

Labels : cloudsnap-source=644413833607485099

Reads : 0

Reads MS : 0

Bytes Read : 0

Writes : 0

Writes MS : 0

Bytes Written : 0

IOs in progress : 0

Bytes used : 46 GiB

Replica sets on nodes:

Set 0

Node : 16.229.25.103 (Pool 1c3cc0ab-8ec7-4a9d-a9d4-41a73246f49f )

Node : 16.229.25.100 (Pool 1b335ea6-c148-4018-b157-7cfeab84d3bf )

Node : 16.229.25.102 (Pool f872ace8-12f2-4e6f-81cb-c9ba0fbd493a )

Replication Status : Up

* Once the Replication status is Up, increase the replica to 3 (max is 3 replicas)

Note : Depends on the requirement, increase it to 2 or 3

*pxctl volume ha-update -r 3 <volumename>*

Example :

pxctl v ha-update -r 3 dindc-core-jenkins\_jobs\_latest