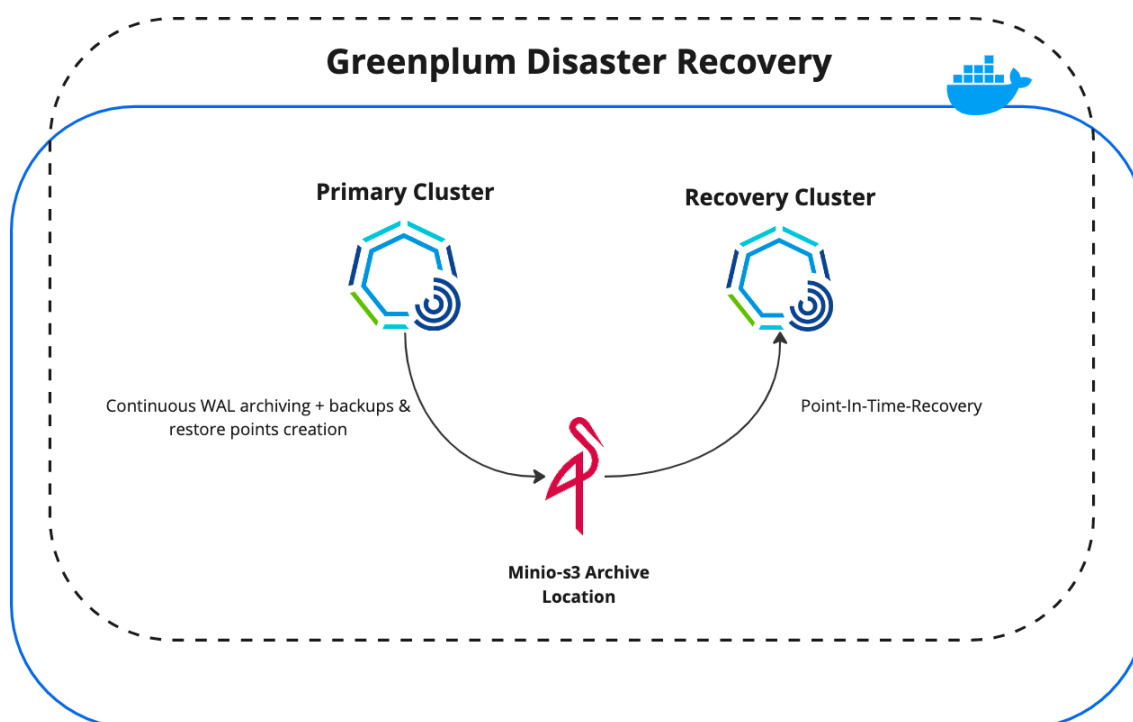


Greenplum Cluster Recovery - Docker Environment

About :

[Greenplum Cluster Recovery](#) provides disaster recovery capabilities for Greenplum Database based on WAL archiving. It allows you to perform full and incremental backups of a database cluster's files, as well as do point-in-time-recovery (PITR) from backups.

This Docker project, contains a GP primary cluster, recovery cluster and Minio as archive location, under a single docker network, as below:



HOW TO USE :

1. Move to this folder and start docker containers:

```
docker compose up -d
```

2. Open a new terminal and access the Primary-Cluster container:

```
docker compose exec -ti gpdb-primary-cluster bash
### You're now inside Primary Cluster container, run script that installs and
configures GPCR utility:
sh /home/gpadmin/script.sh
### Once finished (takes almost 5mn), you can now switch to gpadmin user
su - gpadmin
### Check that your primary cluster is still up !
psql demo
```

3. Open another terminal for DR cluster, access to DR-cluster container:

```
docker compose exec -ti gpdb-disaster-recovery-cluster bash
### You're inside DR cluster, run:
sh /home/gpadmin/script.sh
### Once finished (takes almost 5mn), Switch now to gpadmin user:
su - gpadmin
### Pick the restore-point id by running:
gpcr info
### Restore your GPDB (**** refers to restore-point id that you get from
"gpcr info")
gpcr restore --restore-point ****
### Start the DR cluster
gpstart -qa
### Connect to it
psql demo
```