



Restore and recovery strategy for PostgreSQL

SnapCenter software

NetApp

January 09, 2026

This PDF was generated from <https://docs.netapp.com/us-en/snapcenter/protect-postgresql/define-a-restore-and-recovery-strategy-for-postgresql-resources.html> on January 09, 2026. Always check docs.netapp.com for the latest.

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Restore and recovery strategy for PostgreSQL

Define a restore and recovery strategy for PostgreSQL resources

You must define a strategy before you restore and recover your cluster so that you can perform restore and recovery operations successfully.



Only manual recovery of cluster is supported.

Steps

1. Determine the restore strategies supported for manually added PostgreSQL resources
2. Determine the restore strategies supported for auto discovered PostgreSQL clusters
3. Decide the type of recovery operations that you want to perform.

Types of restore strategies supported for manually added PostgreSQL resources

You must define a strategy before you can successfully perform restore operations using SnapCenter.



You cannot recover manually added PostgreSQL resources.

Complete resource restore

- Restores all volumes, qtrees, and LUNs of a resource



If the resource contains volumes or qtrees, the snapshots taken after the snapshot selected for restore on such volumes or qtrees are deleted and cannot be recovered. Also, if any other resource is hosted on the same volumes or qtrees, then that resource is also deleted.

NOTE: Plug-in for PostgreSQL creates a backup_label and tablespace_map in `/<OS_temp_folder>/postgresql_sc_recovery<Restore_JobId>/_` folder to help recover manually .

Type of restore strategy supported for automatically discovered PostgreSQL

You must define a strategy before you can successfully perform restore operations using SnapCenter.

Complete resource restore is the restore strategy supported for automatically discovered PostgreSQL clusters. This restores all the volumes, qtrees, and LUNs of a resource.

Types of restore operations for auto discovered PostgreSQL

SnapCenter Plug-in for PostgreSQL supports Single File SnapRestore, and connect-and-copy restore types for automatically discovered PostgreSQL clusters.

Single File SnapRestore is performed in NFS environments for the following scenarios:

- If only the **Complete Resource** option is selected
- When the backup selected is from a SnapMirror or SnapVault secondary location, and the **Complete Resource** option is selected

Single File SnapRestore is performed in SAN environments for the following scenarios:

- If only the **Complete Resource** option is selected
- When the backup is selected from a SnapMirror or SnapVault secondary location, and the **Complete Resource** option is selected

Types of recovery operations supported for PostgreSQL clusters

SnapCenter enables you to perform different types of recovery operations for PostgreSQL clusters.

- Recover the cluster up to the most recent state
- Recover the cluster up to a specific point in time

You must specify the date and time for recovery.

SnapCenter also provides the No recovery option for PostgreSQL clusters.

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