



# Restore and recovery strategy for MySQL

## SnapCenter software

NetApp  
February 20, 2026

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# Restore and recovery strategy for MySQL

## Define a restore and recovery strategy for MySQL resources

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



Only manual recovery of database is supported.

### Steps

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

## Types of restore strategies supported for manually added MySQL resources

You must define a strategy before you can successfully perform restore operations using SnapCenter. There are two types of restore strategies for manually added MySQL resources.



You cannot recover manually added MySQL 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.

## Type of restore strategy supported for automatically discovered MySQL

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 MySQL databases. This restores all the volumes, qtrees, and LUNs of a resource.

## Types of restore operations for auto discovered MySQL

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

**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

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