

# Managing Target Database Records

ORACLE

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## Objectives

After completing this lesson, you should be able to:

- Register a database in the RMAN recovery catalog
- Manually resynchronize the recovery catalog



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## Managing Target Database Records in the Recovery Catalog

- Registering a target database in the recovery catalog
- Cataloging additional backup files
- Unregistering a target database from the recovery catalog

## Registering a Database in the Recovery Catalog

- RMAN does the following when a database is registered:
  - Creates rows in the recovery catalog tables for the target database
  - Copies data from the target database control file to the recovery catalog tables
  - Synchronizes the recovery catalog with the control file
- Using the RMAN command line to register a database:

```
$ rman TARGET / CATALOG  
      username/password@net_service_name  
RMAN> REGISTER DATABASE;
```

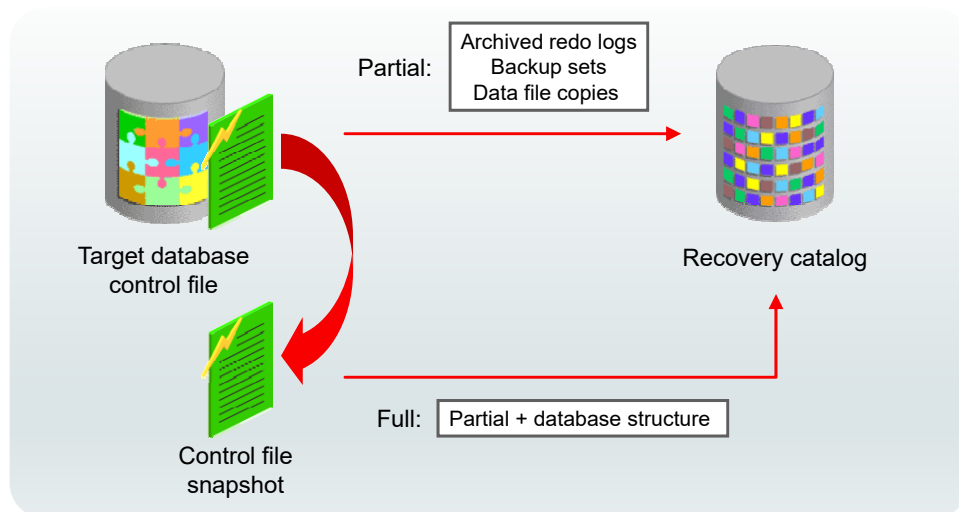
- Using Enterprise Manager to register a database:
  1. Navigate to the Recovery Catalog Settings page.
  2. Add the recovery catalog to the configuration if not present.
  3. Specify the target database to use the recovery catalog.

## Unregistering a Target Database from the Recovery Catalog

- This removes information about the target database from the recovery catalog.
- Use this when you no longer want the target database to be defined in the recovery catalog.

```
$ rman TARGET / CATALOG
  username/password@net_service_name
RMAN> UNREGISTER DATABASE;
```

## Recovery Catalog Resynchronization: Concepts



## Manually Resynchronizing the Recovery Catalog

Manually resynchronize the recovery catalog in the following situations:

- After the recovery catalog is unavailable for RMAN to automatically resynchronize it
- When you perform infrequent backups of your target database
- After making changes to the physical structure of the target database

```
RMAN> RESYNC CATALOG;
```

## Summary

In this lesson, you should have learned how to:

- Register a database in the RMAN recovery catalog
- Manually resynchronize the recovery catalog



## Practice Overview

- Registering a Database in the Recovery Catalog
- Configuring the Recovery Catalog for Recovery