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## **Using PDB Snapshots**



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## Objectives

After completing this lesson, you should be able to:

- Create PDB snapshots
- Create PDBs by using PDB snapshots
- Flash back PDBs by using PDB snapshots

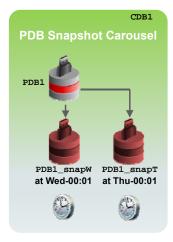


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## PDB Snapshot Carousel



A PDB snapshot is a named copy of a PDB at a specific point in time.

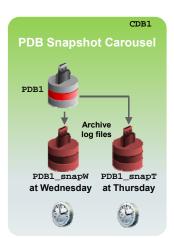
- · Recovery extended beyond flashback retention period
- Reporting on historical data kept in snapshots
- Storage-efficient snapshot clones taken on periodic basis
- Maximum of eight snapshots for CDB and each PDB
- Example:
  - On Friday, need to recover back to Wednesday
  - Restore PDB1\_snapW.

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## Creating PDB Snapshots



1. Enable the PDB for PDB snapshots.

SQL> CREATE PLUGGABLE DATABASE pdb1 ...
SNAPSHOT MODE MANUAL;

SQL> ALTER PLUGGABLE DATABASE pdb1
SNAPSHOT MODE EVERY 24 HOURS;

2. Create (multiple) manual PDB snapshots of a PDB.

SQL> ALTER PLUGGABLE DATABASE pdb1

SNAPSHOT pdb1\_first\_snap;

SQL> ALTER PLUGGABLE DATABASE pdb1

SNAPSHOT pdb1\_second\_snap;

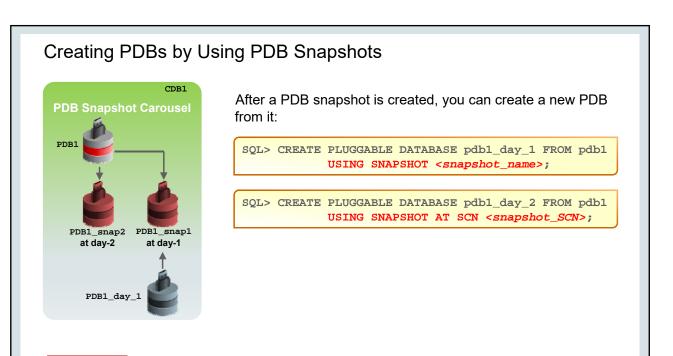
3. Disable snapshot creation for a PDB.

SQL> ALTER PLUGGABLE DATABASE pdb1 SNAPSHOT MODE NONE;

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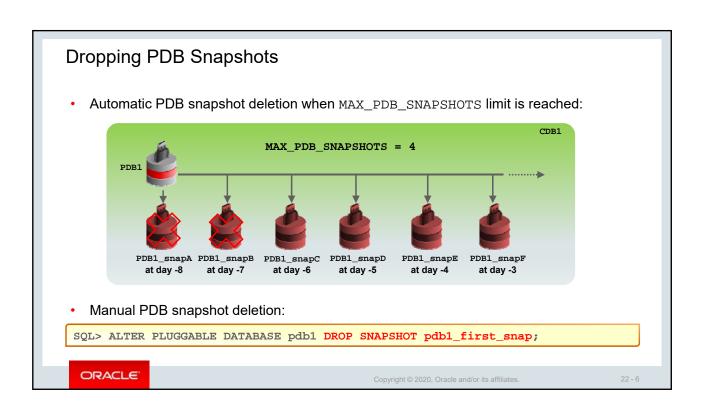
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