

Assignment 2: Database Creation , Deletion, & OEM

Name : Octave Byiringiro

ID : 27493

Assignment Overview

1 . Create a New Pluggable Database (PDB)

- Pdb name : oc_pdb_27493
- Admin user Octave_plsqlquca_27493
- Password : password
- Role : DBA
- Purpose : Store all class work

2. Create and delete temporary pdb

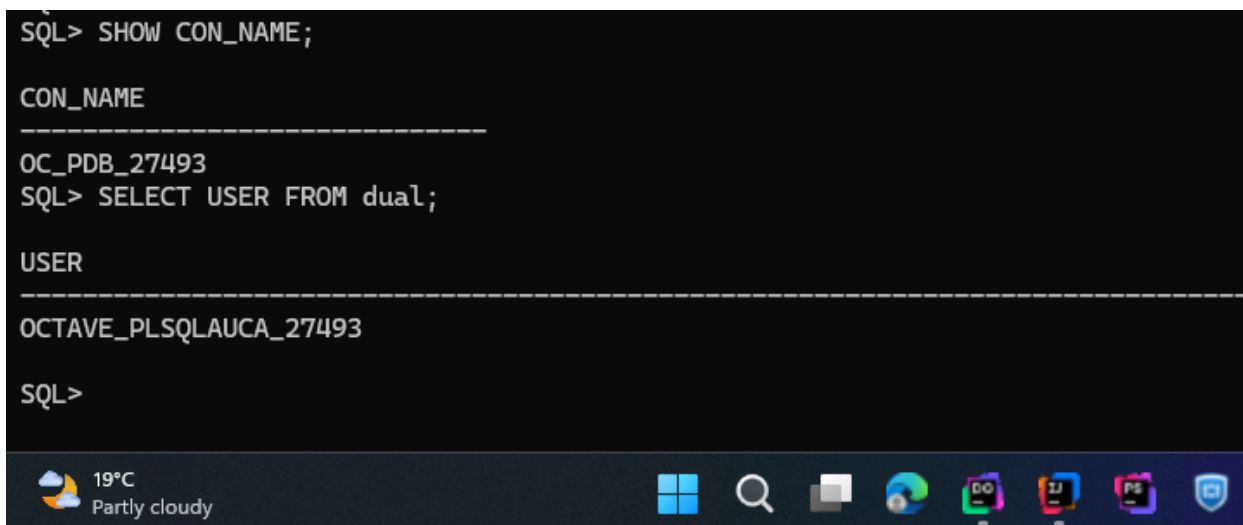
- Pdb name: oc_to_delete_pdb_27493
- Admin user octave_plsqlauca_temp_27493
- Task: create the pdb, then delete it
- Purpose : practice pdb creation and deletion

3 . Oracle enterprise manager (oem)

- Attempted to access EM Express in Free Edition

4.Screenshots

Users:



```
SQL> SHOW CON_NAME;

CON_NAME
-----
OC_PDB_27493
SQL> SELECT USER FROM dual;

USER
-----
OCTAVE_PLSQLAUCA_27493

SQL>
```

The screenshot shows a Windows taskbar at the bottom with a weather widget indicating 19°C and 'Partly cloudy'. The taskbar includes icons for the Start menu, Search, Task View, and several open applications including a web browser, a file explorer, and a terminal window. The terminal window displays the output of SQL*Plus commands, showing the current connection name as OC_PDB_27493 and the current user as OCTAVE_PLSQLAUCA_27493.

Temporary PDB creation and deletion

a) Pdb creation

```
SQL> CREATE PLUGGABLE DATABASE oc_to_delete_pdb_27493
2 ADMIN USER Octave_plsqlauca_delete_27493 IDENTIFIED BY password
3 ROLES = (DBA)
4 DEFAULT TABLESPACE users
5 DATAFILE 'C:\APP\BOCTAVE\PRODUCT\23AI\ORADATA\FREE\oc_to_delete_pdb_27493\system01.dbf' SIZE 250M AUTOEXTEND ON
6 FILE_NAME_CONVERT = (
7 'C:\APP\BOCTAVE\PRODUCT\23AI\ORADATA\FREE\PDBSEED\';
8 'C:\APP\BOCTAVE\PRODUCT\23AI\ORADATA\FREE\oc_to_delete_pdb_27493\'
9 );

Pluggable database created.

SQL>
SQL> ALTER PLUGGABLE DATABASE oc_to_delete_pdb_27493 OPEN;

Pluggable database altered.

SQL> ALTER PLUGGABLE DATABASE oc_to_delete_pdb_27493 SAVE STATE;

Pluggable database altered.

SQL> sqlplus Octave_plsqlauca_27493/password@//localhost:1521/oc_pdb_27493
```

b) Pdb deletion

```
SQL>
SQL> -- Drop including datafiles
SQL> DROP PLUGGABLE DATABASE oc_to_delete_pdb_27493 INCLUDING DATAFILES;

Pluggable database dropped.

SQL>
SQL> -- Verify deletion
SQL> SELECT name, open_mode FROM v$containers;

NAME
-----
OPEN_MODE
-----
CDB$ROOT
READ WRITE

PDB$SEED
READ ONLY

FREEPDB1
READ WRITE
```

Notes / issues Encountered

1. EM Express not working
 - /EM/ returned "Not implemented"
2. Directory Creation for PDB
 - Mkdir commands failed in sql*plus
 - Solution: i created directories manually in windows file explore before creating pdb