# Practices for Lesson 12: Creating PDBs from Seed

Practices for Lesson 12: Overview

Practices Overview

In this practice, you create a new PDB by using the PDB seed.

Practice 12-1: Creating a New PDB from the PDB Seed

Overview

In this practice, you will create a pluggable database (PDB) from the PDB seed in orclcdb by using SQL\*Plus.

The new PDB is named ORCLPDB3. The PDB should have the following characteristics:

The users SYS and SYSTEM will have the same password as the one used for the same users in orclcdb. See *Course Practice Environment: Security Credentials* for passwords.

The DBA user for the PDB is pdb3\_admin. The pdb3\_admin user will have the same password as the one used for SYS and SYSTEM.

Set the location of the PDB datafiles to the /u01/app/oracle/oradata/ directory.

Assumptions:

The orclcdb database instance and listener have been started.

Tasks

Open a terminal and use oraenv to set the environment variables for the orclcdb

database.

Run the script /home/oracle/labs/DBMod\_PDBs/setup\_tns.sh

As the oracle OS user, create the new PDB.

Log in to SQL\*Plus and connect to the CDB root with a user with the CREATE PLUGGABLE DATABASE privilege.

Execute the CREATE PLUGGABLE DATABASE command. Be sure to replace *password* with the correct password. See *Course Practice Environment: Security Credentials* for passwords.

Check the status of the new PDB. The PDB\_ID value may vary from what is shown.

Open the new PDB and check the status again. Exit from SQL\*Plus.

Create a net service name, PDB3, for the new PDB.

Launch netmgr.

On the opening page, expand **Local**, and select **Service Naming.**

Click the **plus sign**.

Enter Net Service Name: **PDB3**, and click **Next**.

Select **TCP/IP (Internet Protocol)**, and click **Next**.

Enter Host Name: **localhost**, verify the Port Number is **1521**, and click **Next**.

Enter Service Name: **ORCLPDB3**

For Connection Type, select **Dedicated Server** and click **Next**.

Click **Finish**.

Click File>Save Network Configuration.

Click **File>Exit**.

Connect to the PDB and verify that the datafiles are in the correct location. See *Course Practice Environment: Security Credentials* for passwords. The file names will vary as OMF assigns unique filenames.

**Note:** Because OMF is selected by using the CREATE\_FILE\_DEST parameter, the create command will use the specified directory appended with the /database name/PDB\_ID.

Verify that the service is ORCLPDB3. Then exit from SQL\*Plus.

Exit the terminal.