

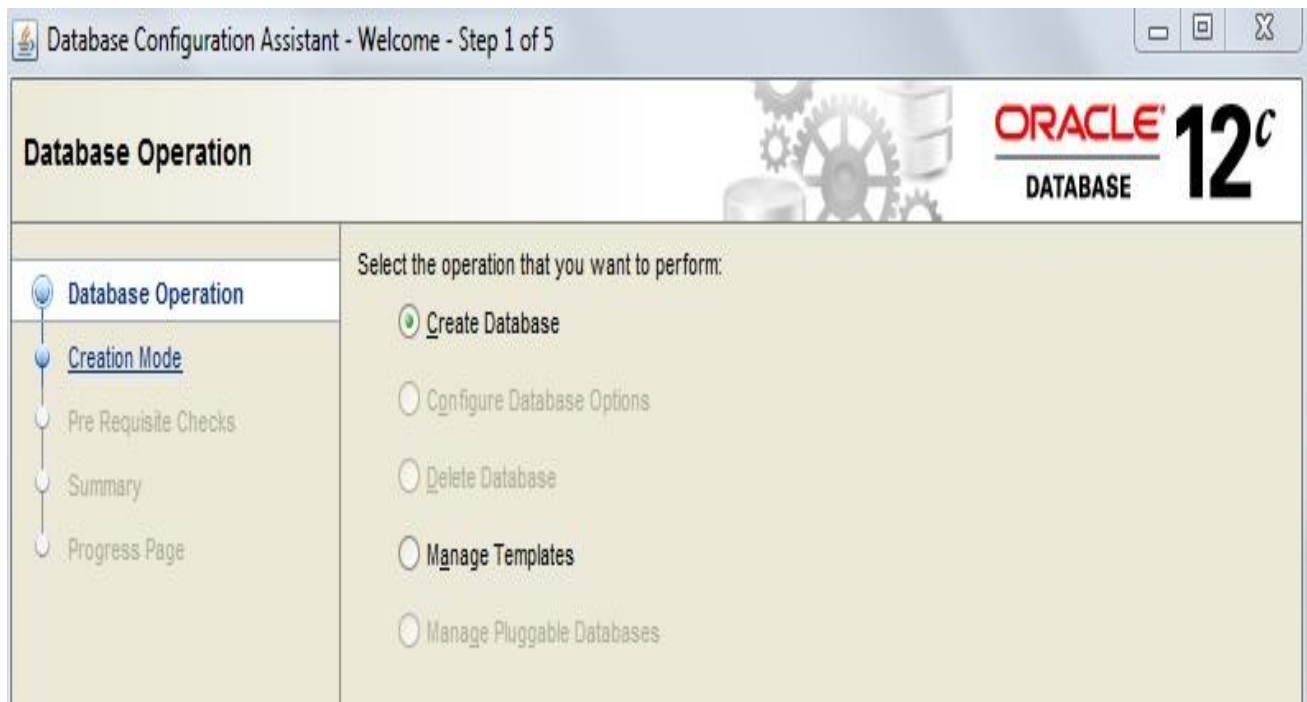
EVALUATION 2 Creating a 12c Database in Linux

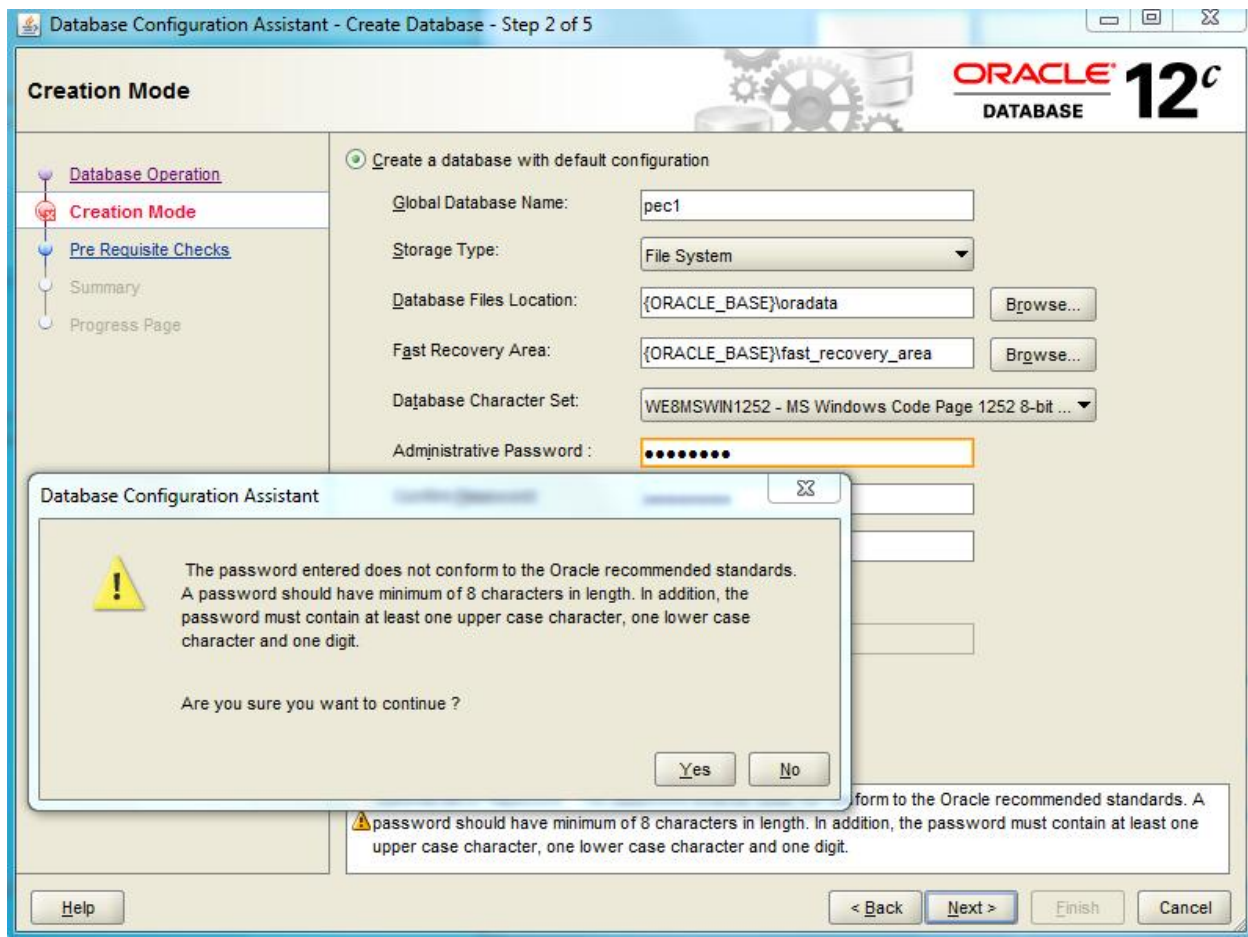
On successful Installation of Oracle 12c, you can see the following products under Start/Programs/Oracle-OraDB12Home2 under the following:

How to create a database in Oracle 12c?

- Click start/all programs and click oracle program.
- Click Database Configuration Assistant. You can see that below oracle/configuration and migration tools.
- A new screen will open.

Step1: Database Operation: Choose Create Database. Make this a container database





Global Database Name: < Enter your Database Name > - We will use pec1

Administrative Password: < Enter your Administrative Password > - We will use password

Confirm Password: < Confirm your Password >

Window_oracle_user Password: < Enter your Administrative Password > - This is password.

You can see from our snapshot that we have entered pec1 as the global database name.

Name the pluggable database pdborcl

When you use a non-conforming security password you will be prompted concerning the password security violation. For our class, this is unimportant. Click Yes.

Step3: Prerequisite Checks and Summary

Database Configuration Assistant - Create Database - Step 4 of 5

Summary

Database Configuration Assistant: Summary

Create Database - Summary

Database Configuration Summary

Global Database Name: pec1
Database Configuration Type: Single Instance
SID: pec1
Create As Container Database: No
Storage Type: File System
Memory Configuration Type: Automatic Shared Memory Management
Template Name: General Purpose or Transaction Processing

Database Configuration Details

Database Components

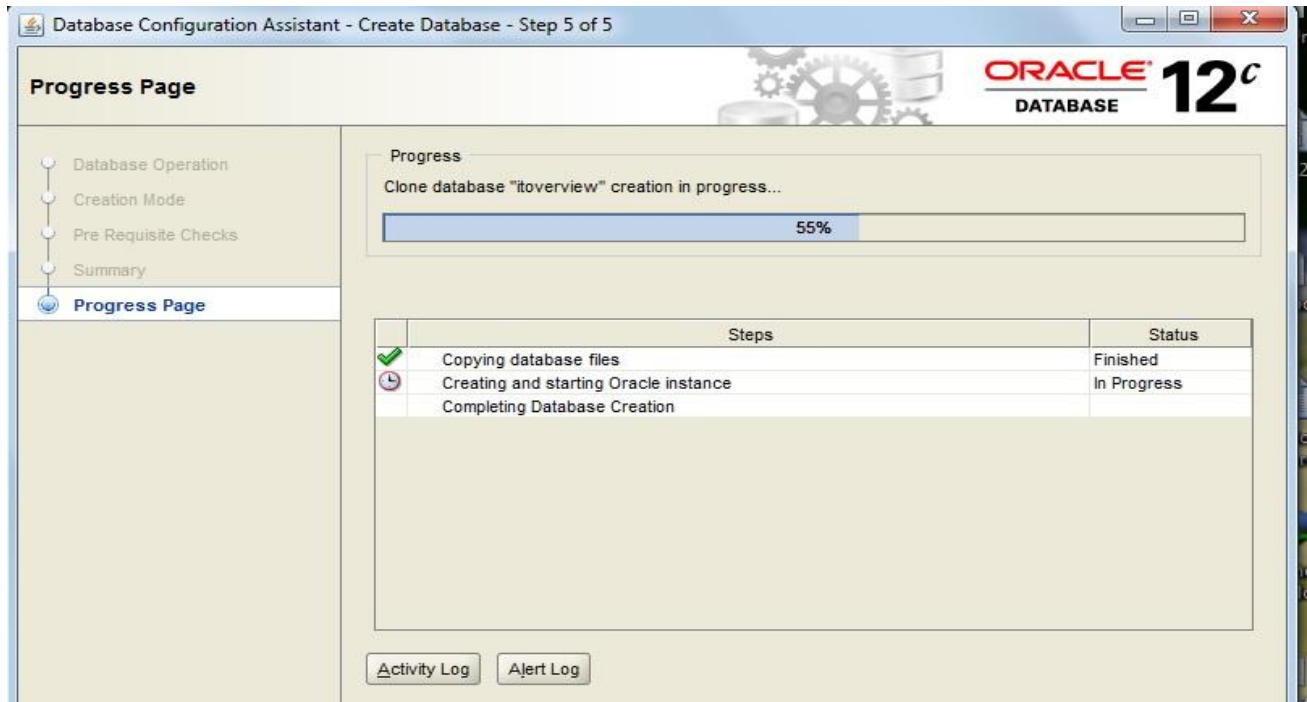
| Component | Selected |
|-------------------|----------|
| Oracle JVM | true |
| Oracle Text | true |
| Oracle Multimedia | true |
| Oracle OLAP | true |

Help < Back Next > Finish Cancel

The next step in database creation finds the Summary screen where you can review the Database Configuration Summary as shown. If anything is amiss, you may always use the <Back button to correct it. For our example, we will click on the Finish button.

Step4: Database Creation

Step5: Progress Page



After the database creation is completed, oracle displays the summary of the database.

Step6: Database Completion Properties

Note the URL present EM Database Express URL:

Oracle.com Definition: EM Database Express means: Oracle Enterprise Manager Database Express, also referred to as EM Express, is a web-based tool for managing Oracle Database 12c. Built inside the database server, it offers support for basic administrative tasks such as storage and user management, and provides comprehensive solutions for performance diagnostics and tuning. Record the EM Database Express URL for use in future chapters.

Click the password management button.

Step7: Password Management

| User Name | Lock Account? ▲ | New Password | Confirm Password |
|-------------------|-------------------------------------|--------------|------------------|
| LBACSYS | <input checked="" type="checkbox"/> | | |
| OUTLN | <input type="checkbox"/> | | |
| SYSTEM | <input type="checkbox"/> | | |
| SYS | <input type="checkbox"/> | | |
| FLOWS_FILES | <input type="checkbox"/> | | |
| DVF | <input type="checkbox"/> | | |
| MDSYS | <input type="checkbox"/> | | |
| ORDSYS | <input type="checkbox"/> | | |
| DBSNMP | <input type="checkbox"/> | | |
| WMSYS | <input type="checkbox"/> | | |
| APEX_040200 | <input type="checkbox"/> | | |
| APPQOSSYS | <input type="checkbox"/> | | |
| GSMADMIN_INTERNAL | <input type="checkbox"/> | | |
| ORDDATA | <input type="checkbox"/> | | |
| CTXSYS | <input type="checkbox"/> | | |
| ANONYMOUS | <input type="checkbox"/> | | |

You can see the accounts locked. Uncheck that TICK MARK. You can set the passwords for system, sys and other users that you are interested. Assigning passwords for SYS and SYSTEM will help you to login to Oracle Enterprise Manager Database Express, referred to as EM Express

STEP 8: Login into sqlplus as user system with a password of password. The default in sqlplus will be the new database pec1 you just created. Alter user scott so his account is unlocked and he has a password of tiger. Then create a user called sidpers with a password of password and grant him dba privilege. Then login as the sidpers user. Then using the HOST command, load the sidpers user with the sidpers schema data tables, views and synonyms using the imp command and a file called expsid14.dmp.

```
SYSTEM (pec1)> alter user scott account unlock identified by tiger;
```

SYSTEM (pec1)> create user sidpers identified by password;

SYSTEM(pec1) > grant dba to sidpers;

SYSTEM (pec1) > conn sidpers/password

SIDPERS (pec1) host

/home/oracle/ora12clabs>imp sidpers/password

Import: Release 12.1.0.1.0 - Production on Thu Aug 6 01:35:48 2015

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Connected to: Oracle Database 12c Enterprise Edition Release 12.1.0.1.0 - 64bit Production

With the Partitioning, OLAP, Advanced Analytics and Real Application Testing options

Import data only (yes/no): no > no

Import file: EXPDAT.DMP > expsid14

Enter insert buffer size (minimum is 8192) 30720> 81920

Export file created by EXPORT:V10.02.01 via conventional path

import done in WE8MSWIN1252 character set and AL16UTF16 NCHAR character set

List contents of import file only (yes/no): no >

Ignore create error due to object existence (yes/no): no >

Import grants (yes/no): yes >

Import table data (yes/no): yes >

Import entire export file (yes/no): no > yes

Once this has completed. Type in exit from the command prompt and once returned to sql*plus, drop the view called tab;

```
/home/oracle/oralabs12c> exit
```

SIDPERS (pec1) drop view tab;

THIS ENDS THE EVALUATION LAB