

PRACTICAL NO: 1

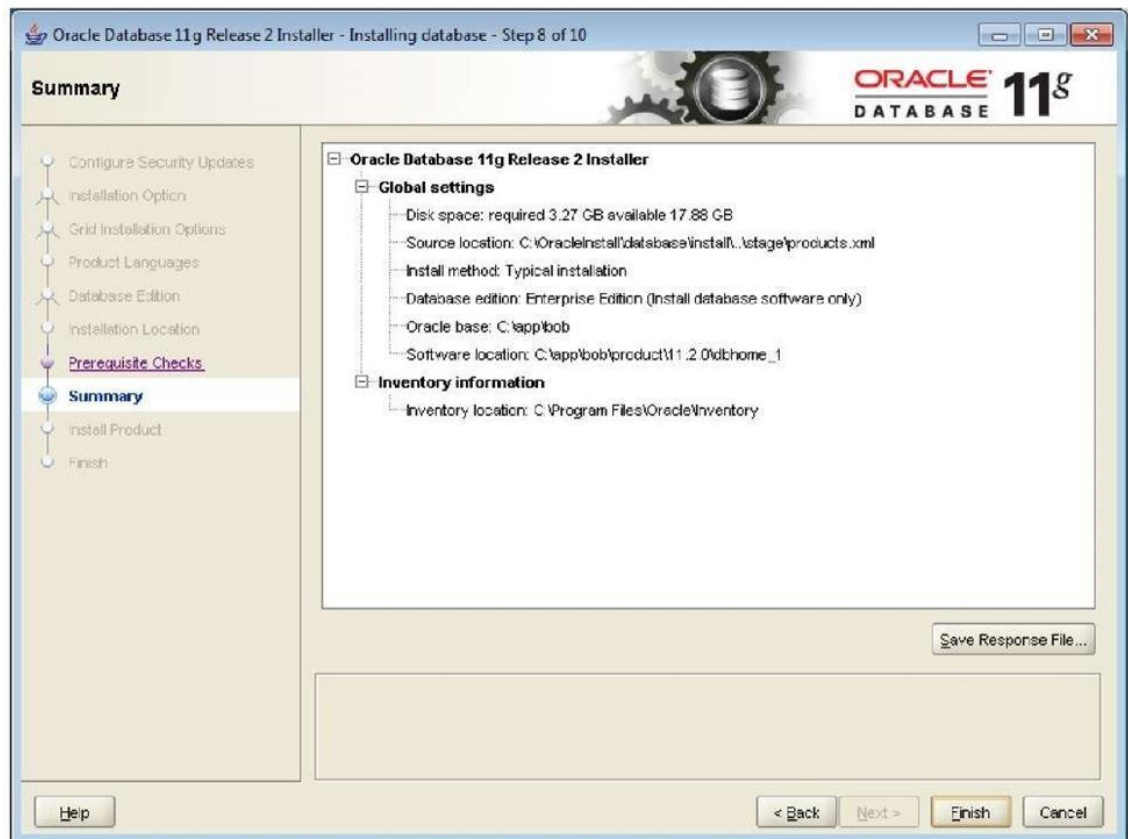
Installing Oracle database software

Installing the full database, which automatically includes the Warehouse Builder client and database components. A separately downloadable install for the standalone option is available at

<http://www.oracle.com/technology/software/products/warehouse/index.html>.

1. The installer is going to ask us is our email address for use in being notified of critical system updates that are available.
2. **Asks** what installation option we'd like. We can choose from one of three, create and configure a database, install the software only, or upgrade an existing database. choose the second option.
3. Choose Single Instance for the Installation Type. The other option is for installing a database as part of a RAC installation (Real Application Cluster) of clustered databases.
4. **Choose the database language**, or languages, we want to install.
5. **Choose the edition** of the database to install, Enterprise, Standard, Standard Edition One, or Personal Edition. We'll choose the Enterprise Edition so we have access to all of the advanced features we need for the Warehouse Builder.
6. **Asks for path names for ORACLE_BASE** and for the Software Location (or Oracle home location). They will have suggested paths filled in. leave the path names as they are and only change the drive designation if we'd like to install to a different hard drive.
7. It will conduct the prerequisite checks to ensure our system is capable of running the database. If everything succeeds we'll move right to step 8, bypassing step 7 results. If anything failed, it would have displayed the results
8. **The summary screen**. It will display the Global Settings as in the previous version but includes a new Inventory section which replaces the old Product Languages, Space Requirements, and New

Installations sections.



9. **The actual installation** happens in step 9. A progress bar proceeds to the right as the installation happens and steps for Prepare, Copy Files, and Setup Files are checked off as they are done.
10. Conclusion and finishes up with a success message

Configuring the listener

Step1: Start->oracle->configuration and migration->Net Configuration Assistant

Step2: Oracle Net Configuration Assistance Welcome screen, Click on **Next**



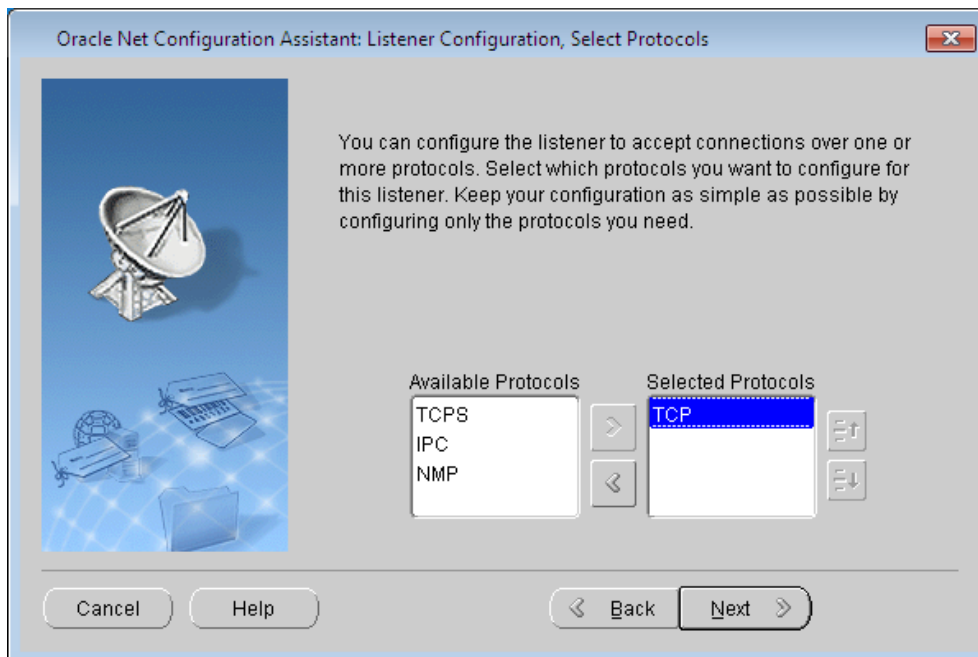
Step 3: Listener Configuration select ADD option ,Click on **Next**



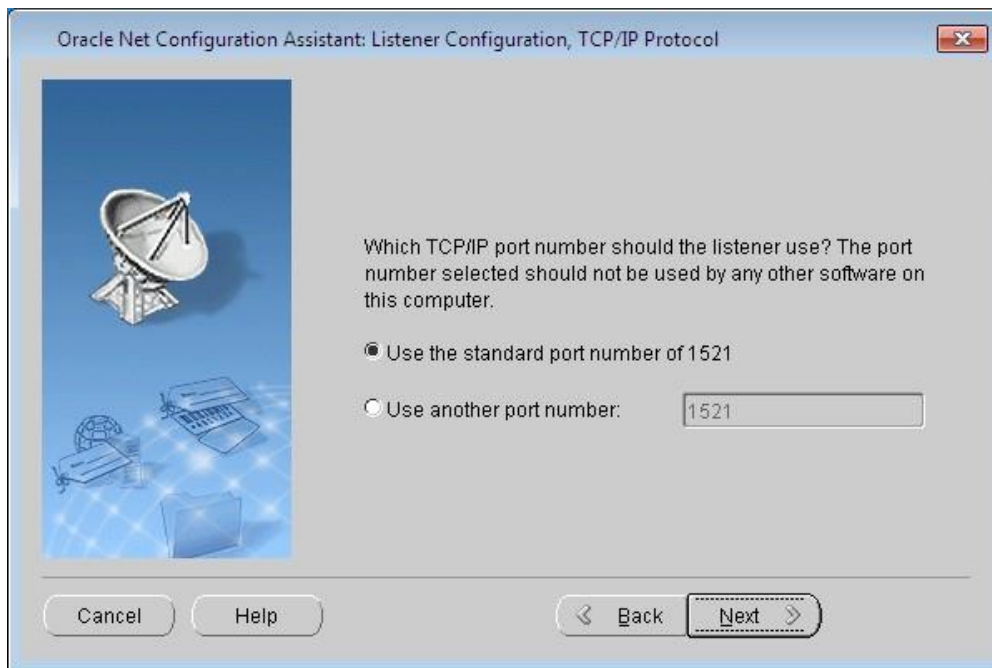
Step4: Listener Configuration, By default LISTENER is there we will choose same one, Click on Next



Step5: The protocol selection screen we will select TCP protocol, Click on Next



Step6: Now select the port no i.e. 1521, Click on **Next**



Step7: The last screen will ask us if we want to configure another listener. As we want only one so click on 'no'.



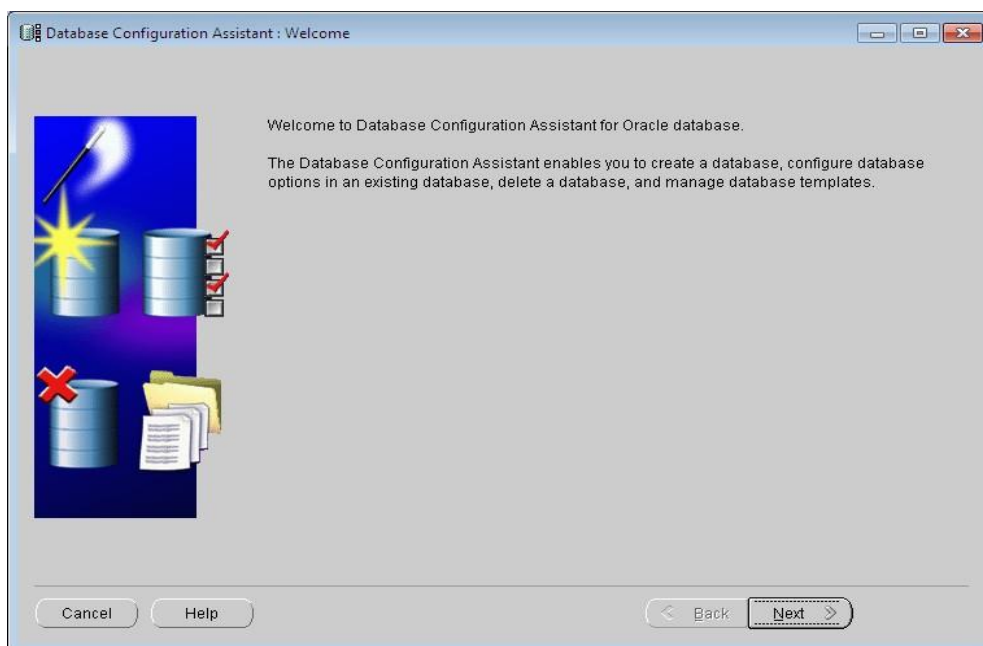
Step 8: Click on the Finish Button



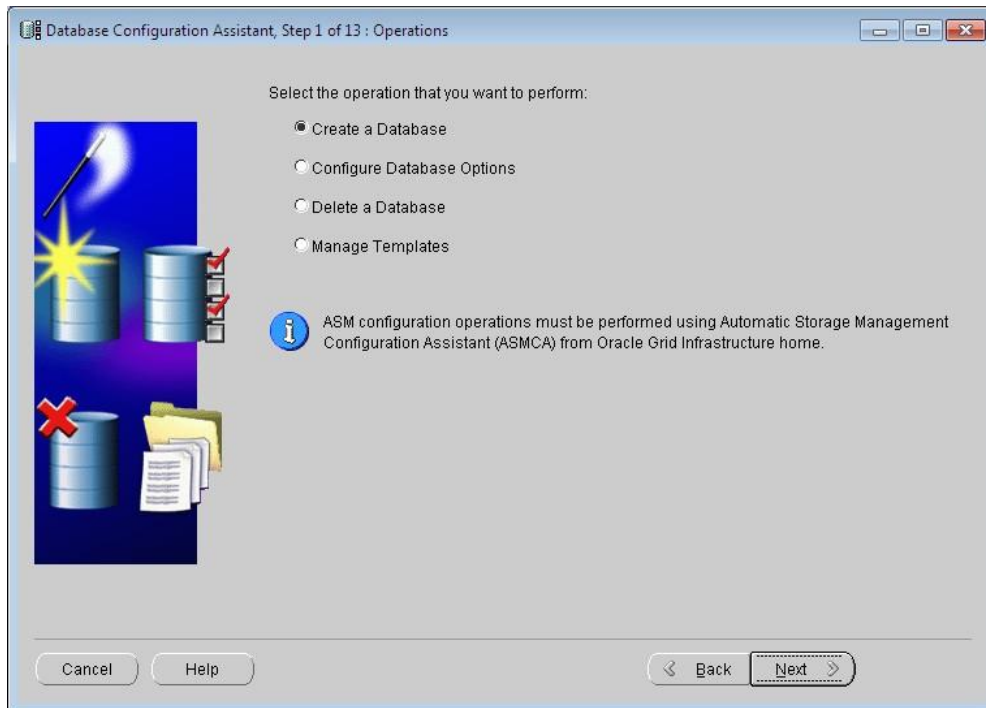
Creating the database

Step1: Start->> Programs->> Oracle – OraDb11g_home1->>Configuration and Migration Tools ->>Database Configuration Assistant

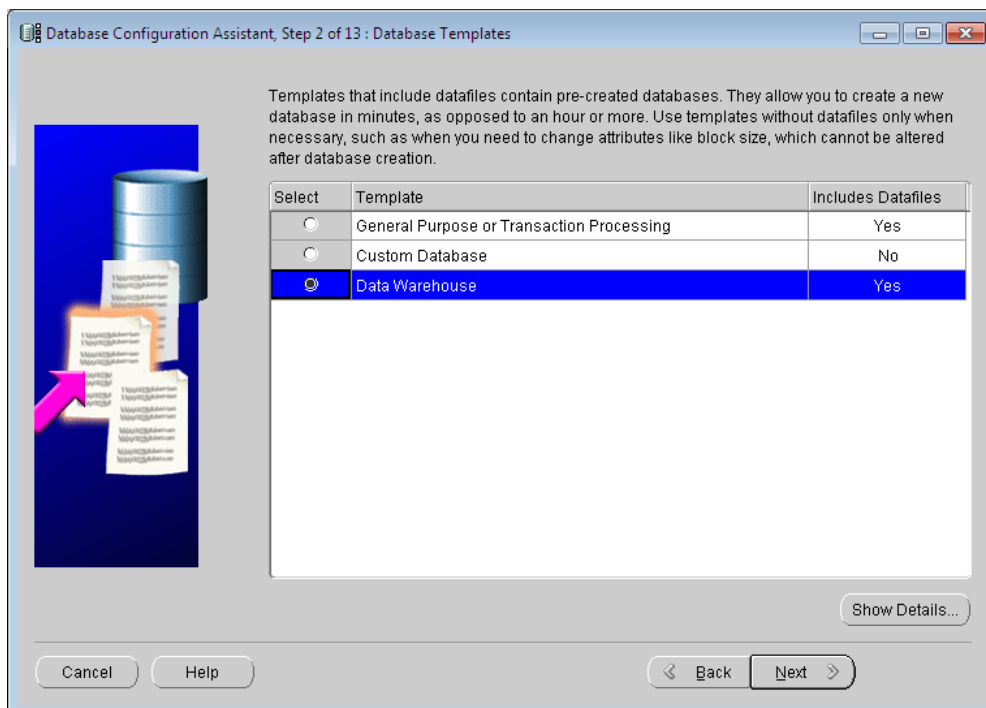
Step2: Database Configuration Assistant Welcome screen, Click on **Next**



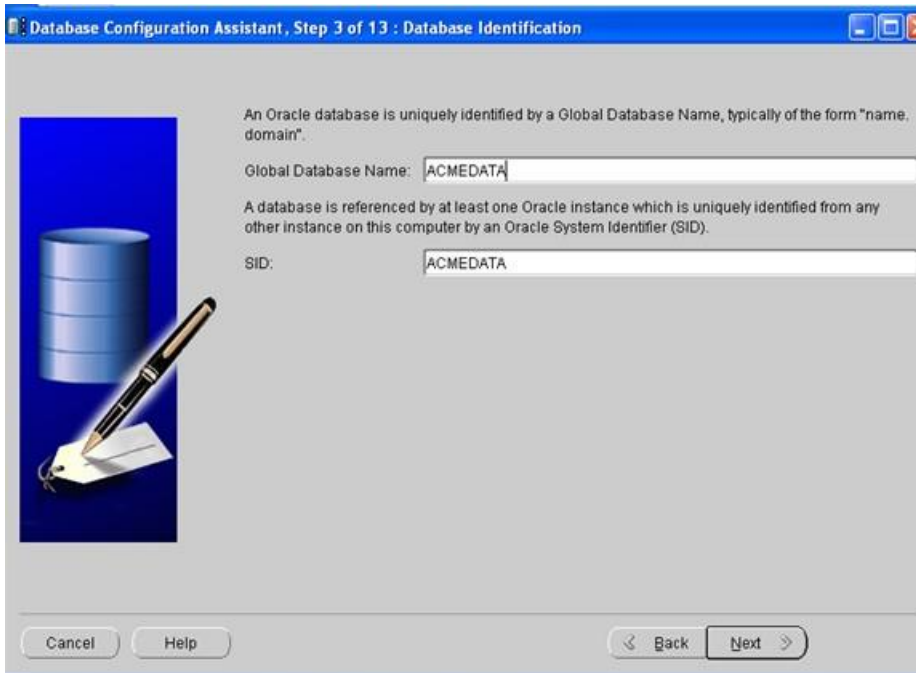
Step3: Select the Create a Database first option, Click on **Next**



Step4: Select the DATA WAREHOUSE option, Click on **Next**



Step5: The database creation will ask for a database name i.e. (acme data), Click on Next



Database Configuration Assistant, Step 3 of 13 : Database Identification

An Oracle database is uniquely identified by a Global Database Name, typically of the form "name.domain".


Global Database Name:

A database is referenced by at least one Oracle instance which is uniquely identified from any other instance on this computer by an Oracle System Identifier (SID).

SID:

Cancel Help < Back Next >

Step6: Management Option is checked by default, Click on **Next**



Database Configuration Assistant, Step 4 of 13 : Management Options

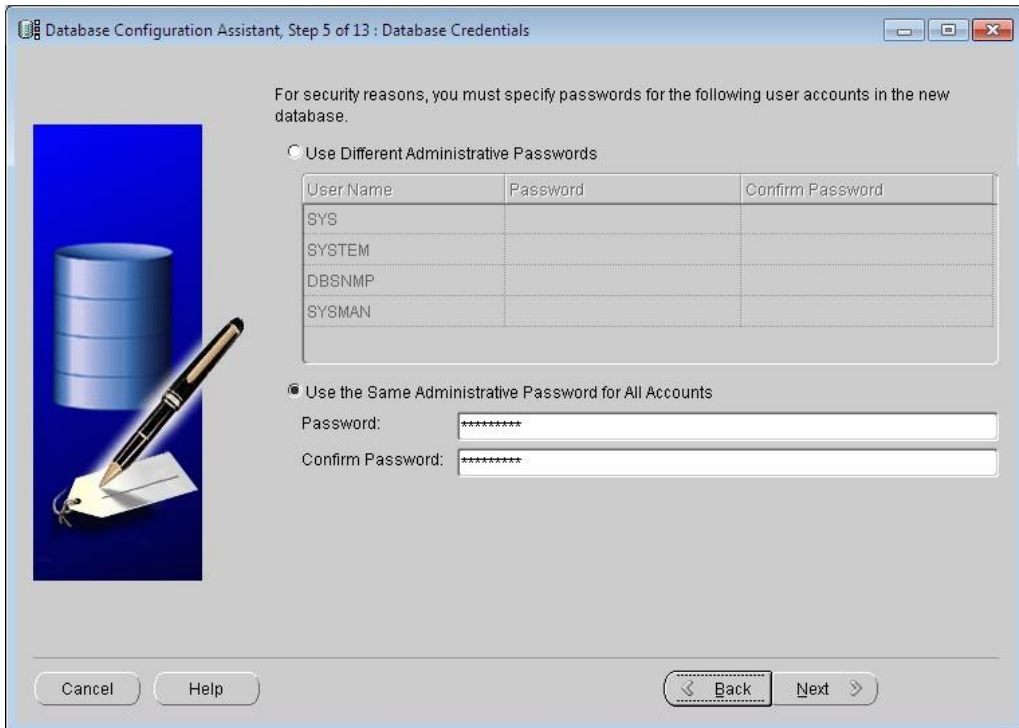
Enterprise Manager Automatic Maintenance Tasks

Oracle Database 11g provides the ability to automatically manage maintenance tasks such as optimizer statistics collection and proactive advisor reports. These tasks are run in a predefined maintenance window and their CPU consumption is throttled to prevent them from interfering with normal user work. The default maintenance windows are 10:00 PM - 2:00 AM on weekdays, and all weekend long. These defaults can be changed using Enterprise Manager at any time.

☒ Enable automatic maintenance tasks

Cancel Help < Back Next >

Step7: Click on the option to Use the Same Administrative Password for All Account, Click on **Next**



Database Configuration Assistant, Step 5 of 13: Database Credentials

For security reasons, you must specify passwords for the following user accounts in the new database.

☐ Use Different Administrative Passwords

User Name	Password	Confirm Password
SYS		
SYSTEM		
DBSNMP		
SYSMAN		

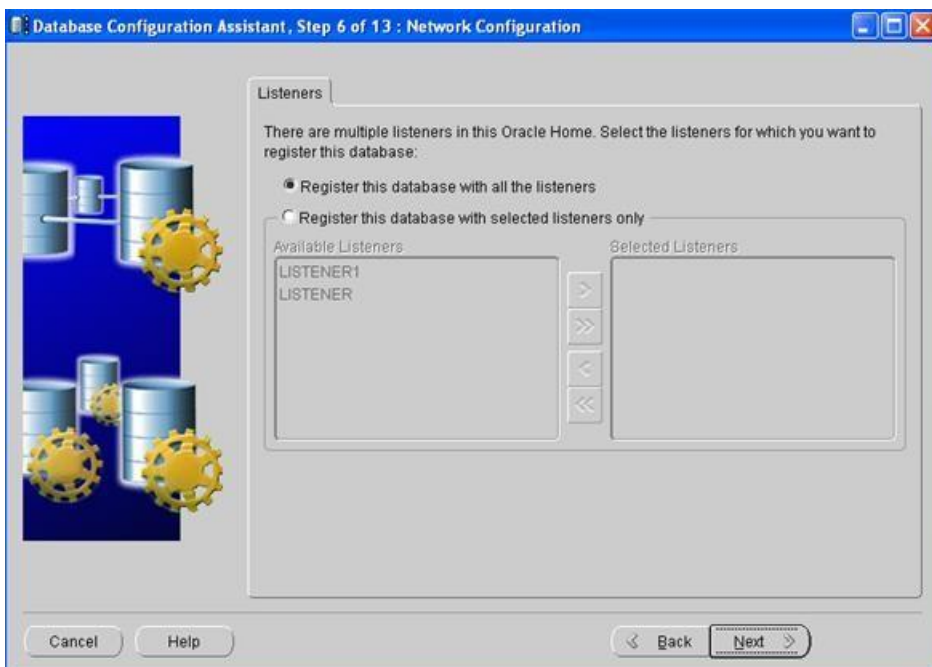
☒ Use the Same Administrative Password for All Accounts

Password:

Confirm Password:

Cancel Help < Back Next >

Step8: Network Configuration select first option, click on next



Database Configuration Assistant, Step 6 of 13: Network Configuration

Listeners

There are multiple listeners in this Oracle Home. Select the listeners for which you want to register this database:

☒ Register this database with all the listeners

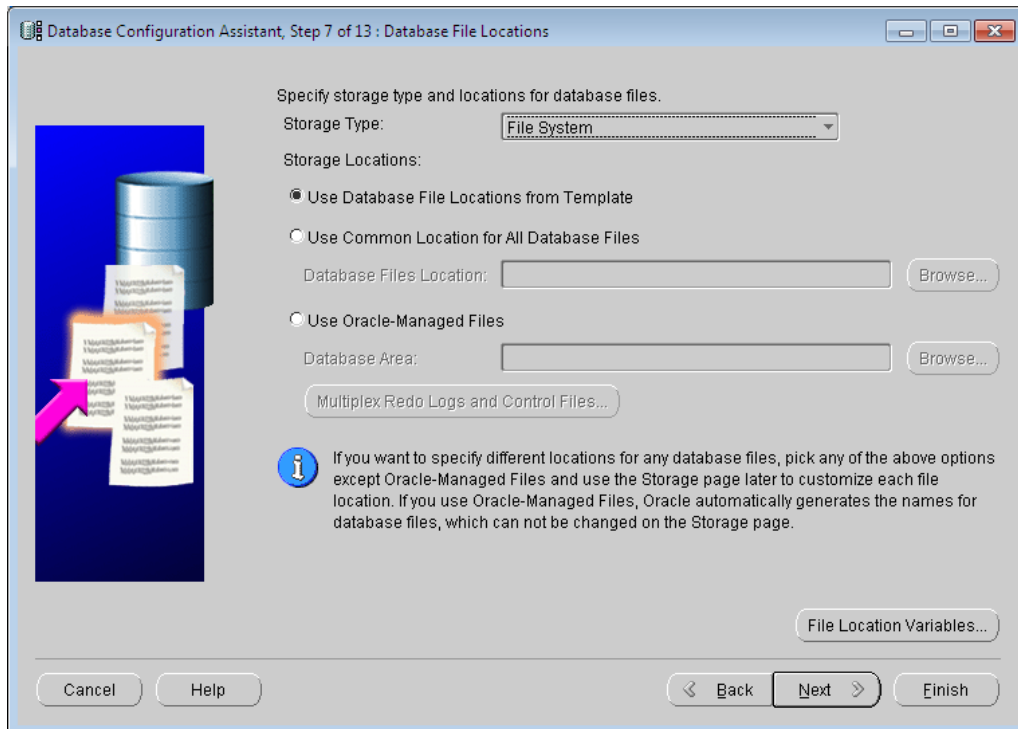
☐ Register this database with selected listeners only

Available Listeners: LISTENER1, LISTENER

Selected Listeners:

Cancel Help < Back Next >

Step9: Database file location is default check, Click on **Next**



Database Configuration Assistant, Step 7 of 13 : Database File Locations

Specify storage type and locations for database files.

Storage Type:

Storage Locations:


☒ Use Database File Locations from Template

☐ Use Common Location for All Database Files

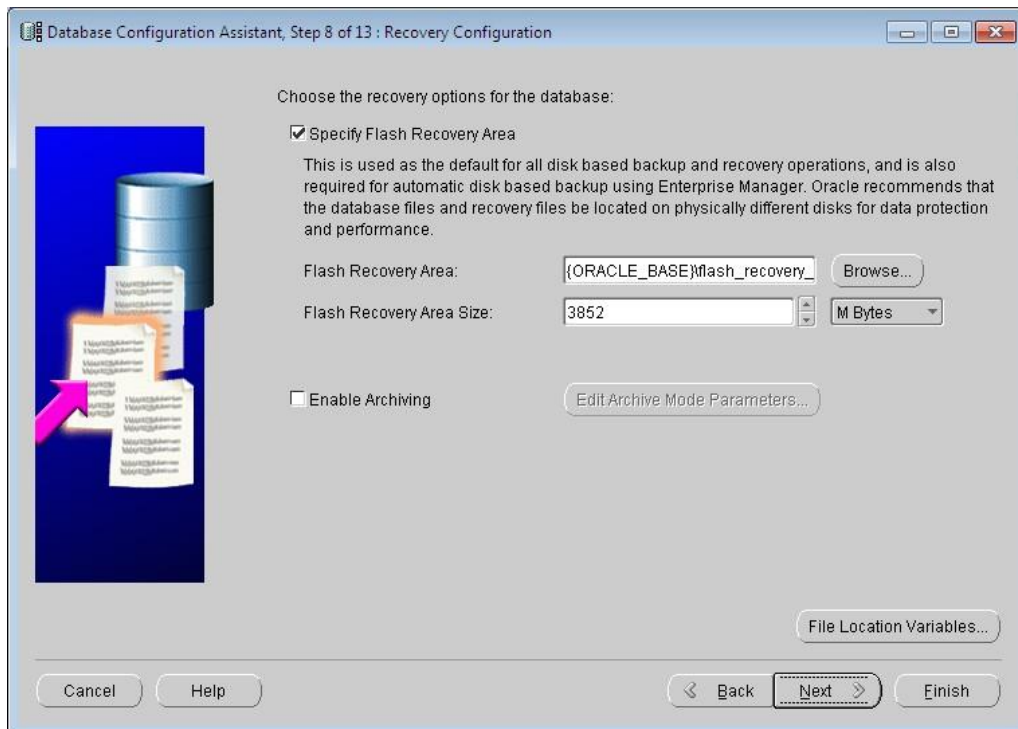
Database Files Location:

☐ Use Oracle-Managed Files

Database Area:

 If you want to specify different locations for any database files, pick any of the above options except Oracle-Managed Files and use the Storage page later to customize each file location. If you use Oracle-Managed Files, Oracle automatically generates the names for database files, which can not be changed on the Storage page.

Step10: Recovery Configuration is default check, Click on **Next**



Database Configuration Assistant, Step 8 of 13 : Recovery Configuration

Choose the recovery options for the database:

☒ Specify Flash Recovery Area

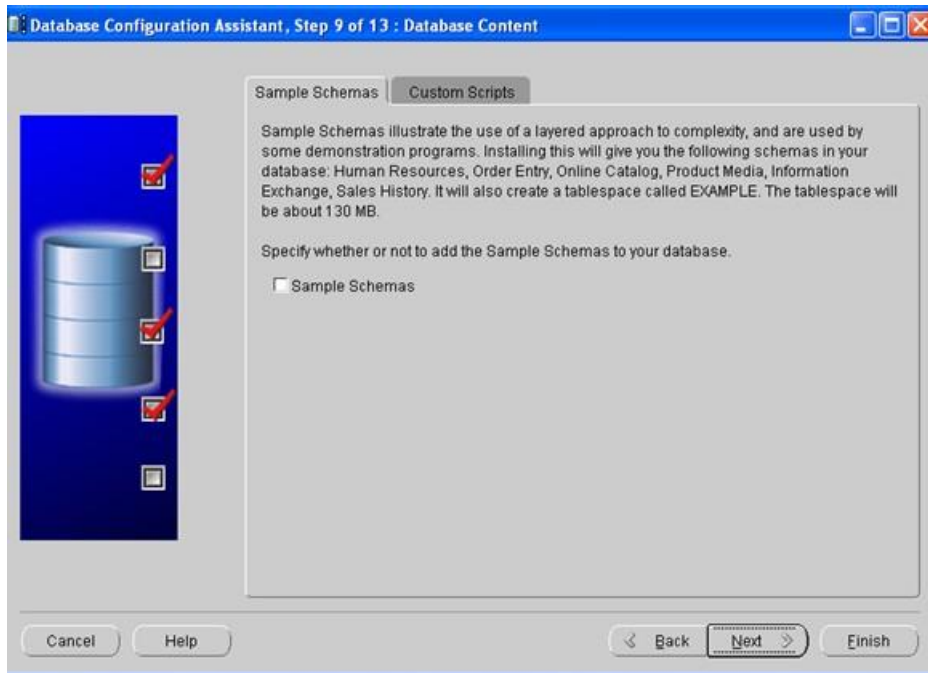
This is used as the default for all disk based backup and recovery operations, and is also required for automatic disk based backup using Enterprise Manager. Oracle recommends that the database files and recovery files be located on physically different disks for data protection and performance.

Flash Recovery Area:

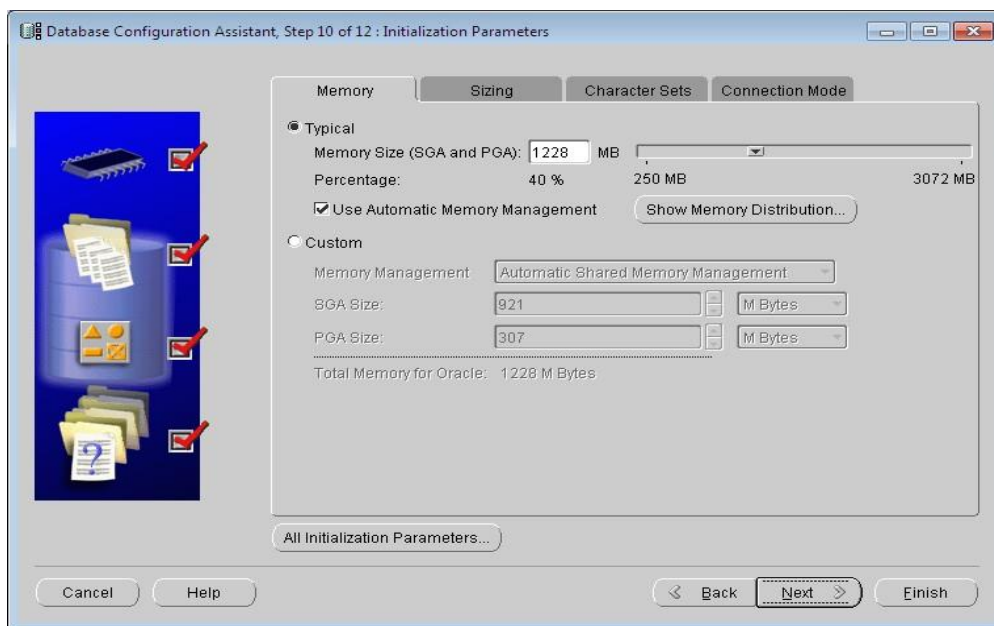
Flash Recovery Area Size:

☐ Enable Archiving

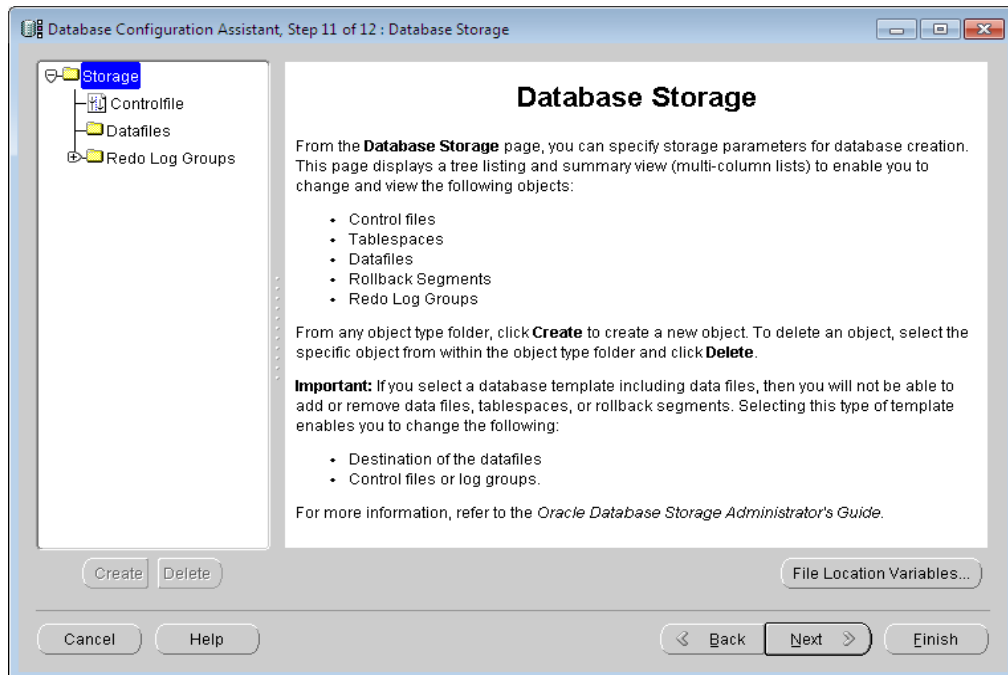
Step11: Sample Schemas, click on next



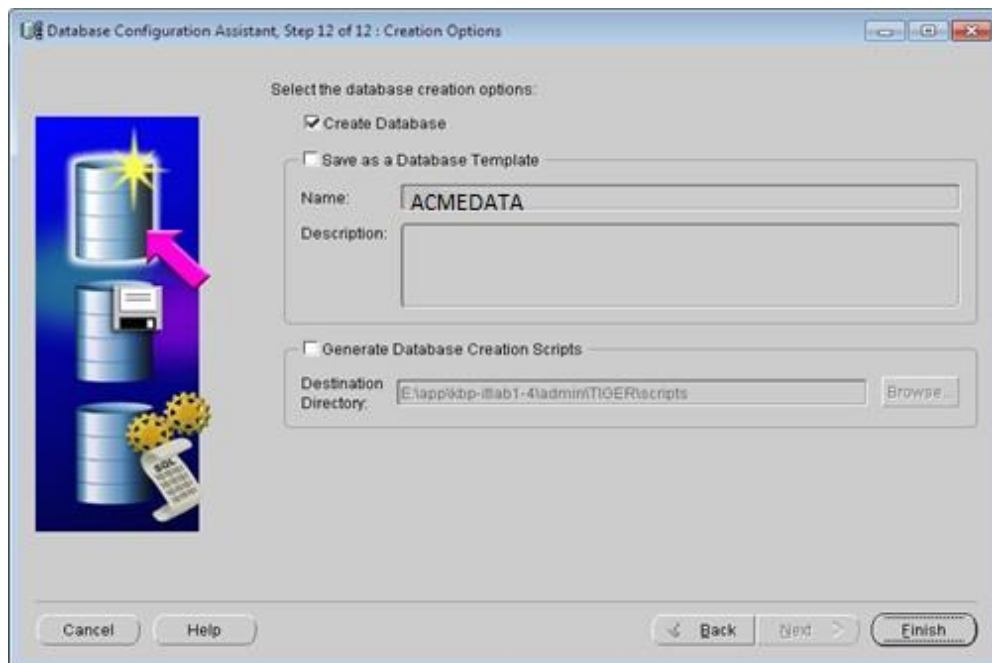
Step12: Initialization Parameter is default check, Click on **Next**



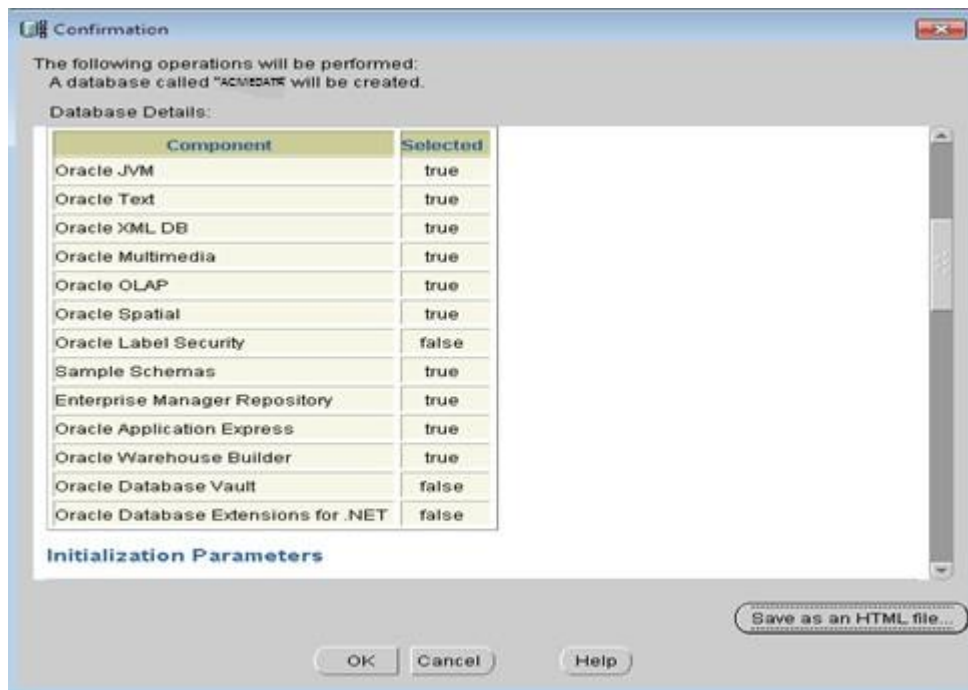
Step13: Click on Next



Step14: Click on Finish

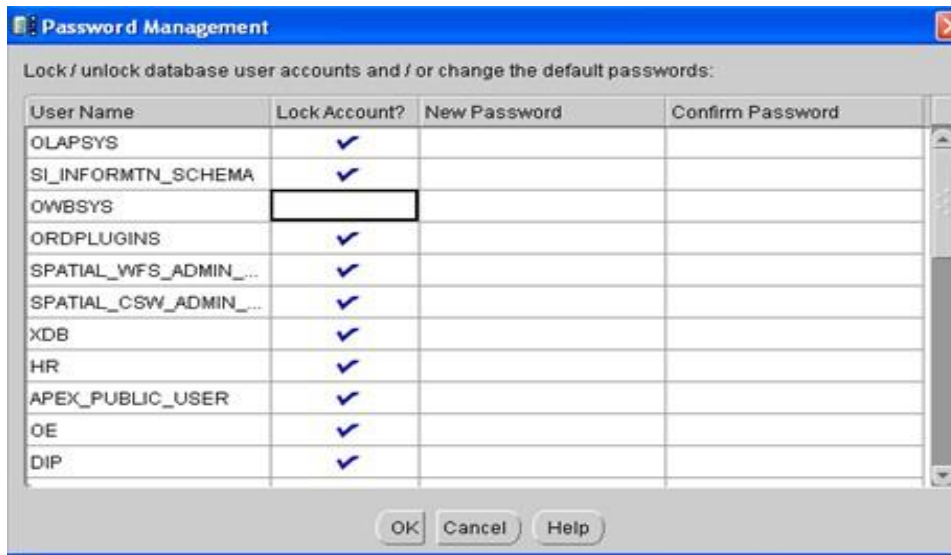


Step15: Click on OK



Step16: Click on Password Management

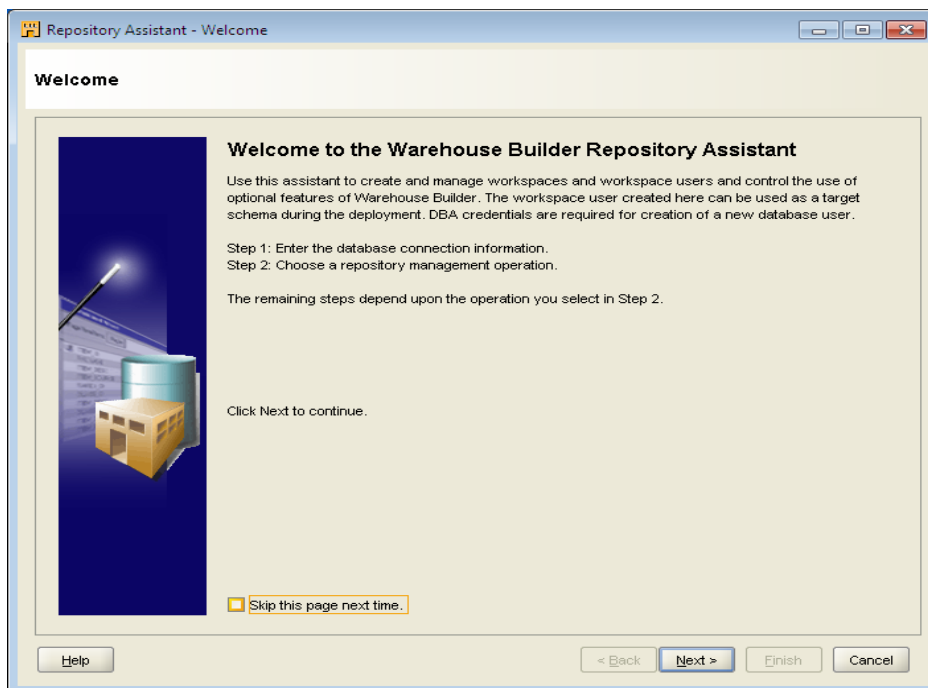




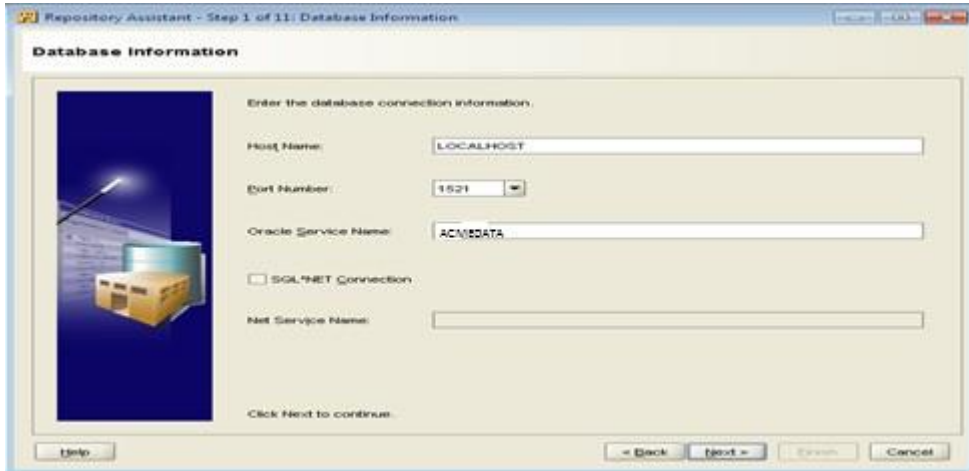
Configuring the repository and workspaces

Step1: Start button->>All program->> Oracle 11g Installation->> Warehouse Builder->>Repository Assistant

Step2: On the welcome screen of the Repository assistant, click on Next

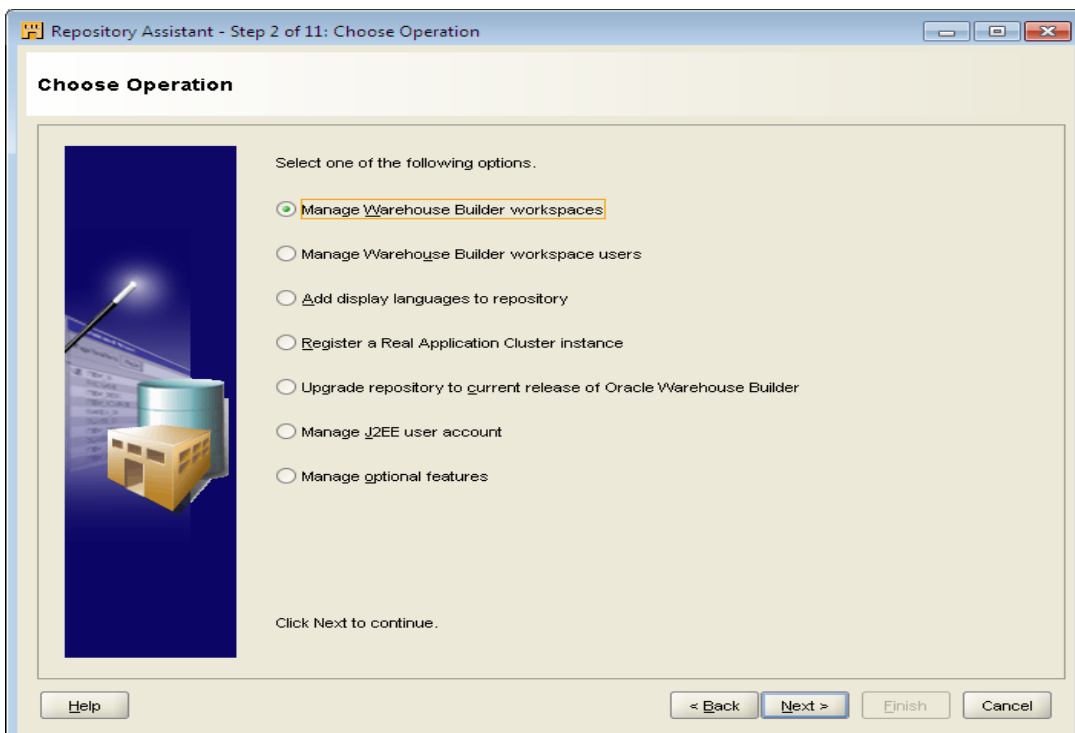


Step3: On the Database Information screen, enter the connection information(Host Name, Port Number and Service Name) for the repository database and click **Next**



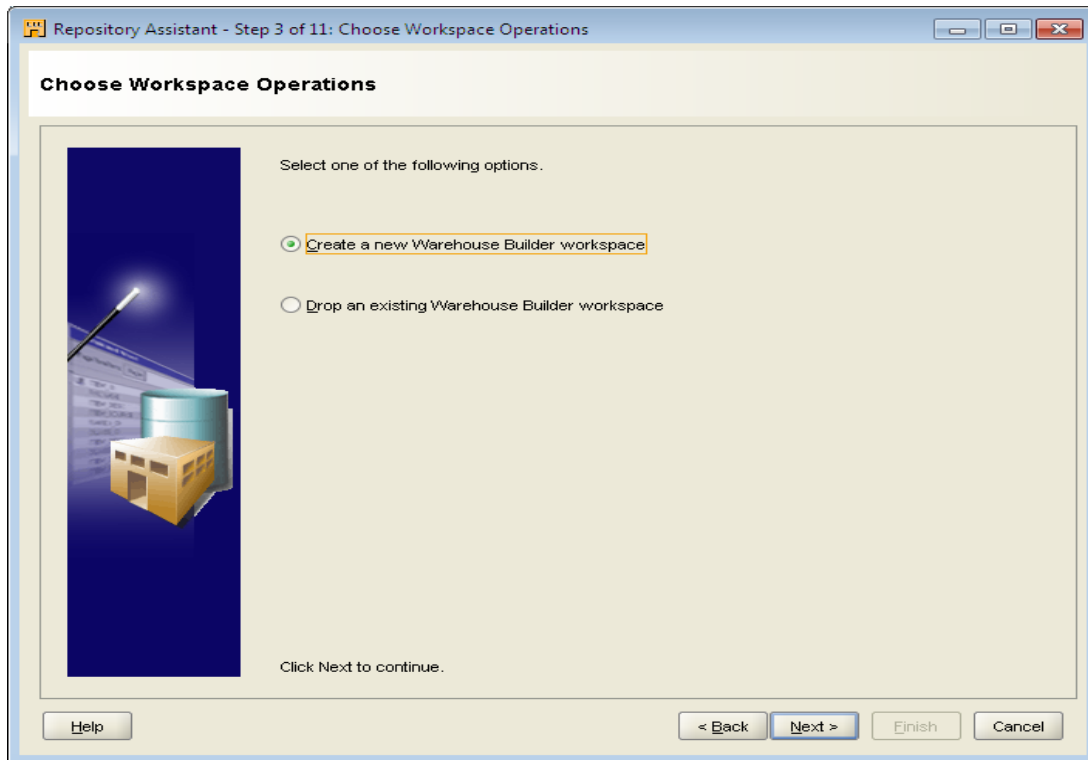
The screenshot shows the 'Repository Assistant - Step 1 of 11: Database Information' window. The title bar includes 'Repository Assistant - Step 1 of 11: Database Information' and standard window controls. The main area is titled 'Database Information' and contains the instruction 'Enter the database connection information.' On the left is a vertical graphic with a blue background, a spotlight, and a 3D server icon. The form fields are: 'Host Name' with 'LOCALHOST' entered, 'Port Number' with '1521' in a dropdown, 'Oracle Service Name' with 'ACMIDATA' entered, and an unchecked 'SQL*NET Connection' checkbox. Below these is an empty 'Net Service Name' field. At the bottom, it says 'Click Next to continue.' and has buttons for 'Help', '< Back', 'Next >', 'Finish', and 'Cancel'.

Step4: Select Manage Warehouse Builder Workspaces. Click on Next

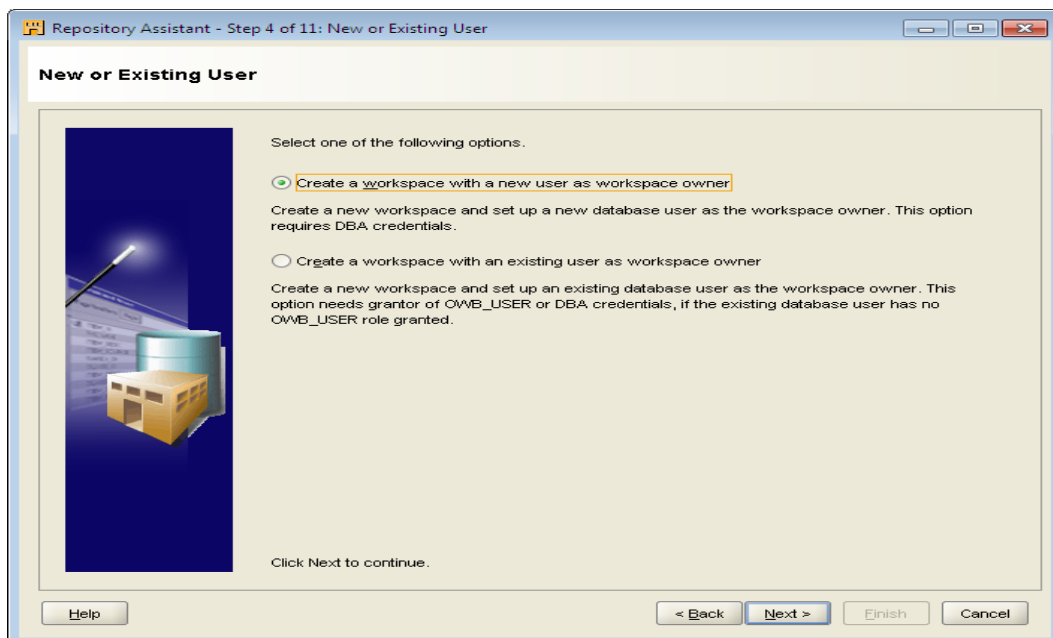


The screenshot shows the 'Repository Assistant - Step 2 of 11: Choose Operation' window. The title bar includes 'Repository Assistant - Step 2 of 11: Choose Operation' and standard window controls. The main area is titled 'Choose Operation' and contains the instruction 'Select one of the following options.' On the left is a vertical graphic with a blue background, a spotlight, and a 3D server icon. The list of options includes: 'Manage Warehouse Builder workspaces' (selected with a radio button), 'Manage Warehouse Builder workspace users', 'Add display languages to repository', 'Register a Real Application Cluster instance', 'Upgrade repository to current release of Oracle Warehouse Builder', 'Manage J2EE user account', and 'Manage optional features'. At the bottom, it says 'Click Next to continue.' and has buttons for 'Help', '< Back', 'Next >', 'Finish', and 'Cancel'.

Step5: Select Create a new Warehouse Builder workspace, Click on Next



Step6: Select the option of Create a workspace with a new user as workspace owner, click on Next



Step7: DBA Information screen, enter the username and password, Click on Next

Repository Assistant - Step 5 of 11: DBA Information

DBA Information

Enter user name and password information of a database DBA.

User Name:

Password:

Click Next to continue.

Help < Back Next > Finish Cancel

Step8: Enable Optional Features click on next

Repository Assistant - Step 6 of 11: Enable Optional Features

Enable Optional Features

You can enable or restrict the use of optional features of Warehouse Builder beyond the basic ETL included with the database. Select the options associated with the features you wish to enable. These settings apply to all users and workspaces in this repository.

☒ Data Integrator Enterprise Edition (formerly Warehouse Builder Enterprise ETL)
Includes advanced data integration and data warehousing support, such as code template mappings, change data capture, web services, slowly changing dimensions, and RAC repository hosting.

☒ Data Profiling and Quality (formerly Data Quality Option)
Includes Warehouse Builder data profiling, data rules, data cleansing and data auditors.

Application Adapters (formerly Application Connectors)
For integration with ERP application sources and targets. Each adapter must be enabled separately.

☐ Application Adapter for E-Business Suite
☐ Application Adapter for PeopleSoft
☐ Application Adapter for SAP
☐ Application Adapter for Siebel

Data Watch and Repair Connectors
Profile and cleanse data from customer and product data hubs. (Requires the Data Profiling and Quality option.)

☐ Data Watch and Repair Connector for CDH Hub
☒ Data Watch and Repair Connector for PIM Hub
☐ Data Watch and Repair Connector for UCM Hub

Click Next to continue.

Help < Back Next > Finish Cancel

Step9: workspace owner (create new)

Repository Assistant - Step 7 of 11: Workspace Owner (New)

Workspace Owner (New)

Create a new database user as a workspace owner. Enter user name, user password and workspace name.

Workspace Owner's User Name:

Workspace Owner's Password:

Workspace Owner's Password Confirmation:

Workspace Name:

Click Next to continue.

[Help](#) [< Back](#) [Next >](#) [Finish](#) [Cancel](#)

Step10: On the OWBSYS Information screen, enter the password

Repository Assistant - Step 8 of 11: OWBSYS Information

OWBSYS Information

Enter the Password of OWBSYS.

User Name:

Password:

Click Next to continue.

[Help](#) [< Back](#) [Next >](#) [Finish](#) [Cancel](#)

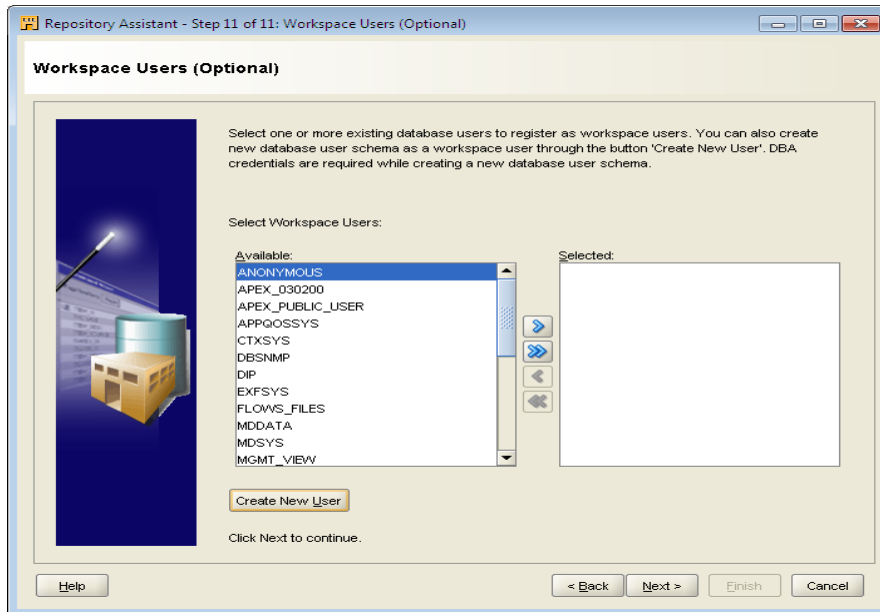
Step11: On the Select Tablespaces screen is default , Click on Next

The screenshot shows the 'Select Tablespaces' dialog box in the Repository Assistant. The title bar reads 'Repository Assistant - Step 9 of 11: Select Tablespaces'. The main heading is 'Select Tablespaces'. Below this, a vertical sidebar on the left contains a graphic of a database cylinder and a server rack. The main area contains the instruction: 'Select the default tablespaces for OMB repository schema OMBSYS.' There are four dropdown menus: 'Tablespace for Data:' (set to 'USERS'), 'Tablespace for Indexes:' (set to 'USERS'), 'Tablespace for Temporary Data:' (set to 'TEMP'), and 'Tablespace for Snapshots:' (set to 'USERS'). At the bottom left, it says 'Click Next to continue.' At the bottom right, there are four buttons: 'Help', '< Back', 'Next >', 'Finish', and 'Cancel'. The 'Next >' button is highlighted.

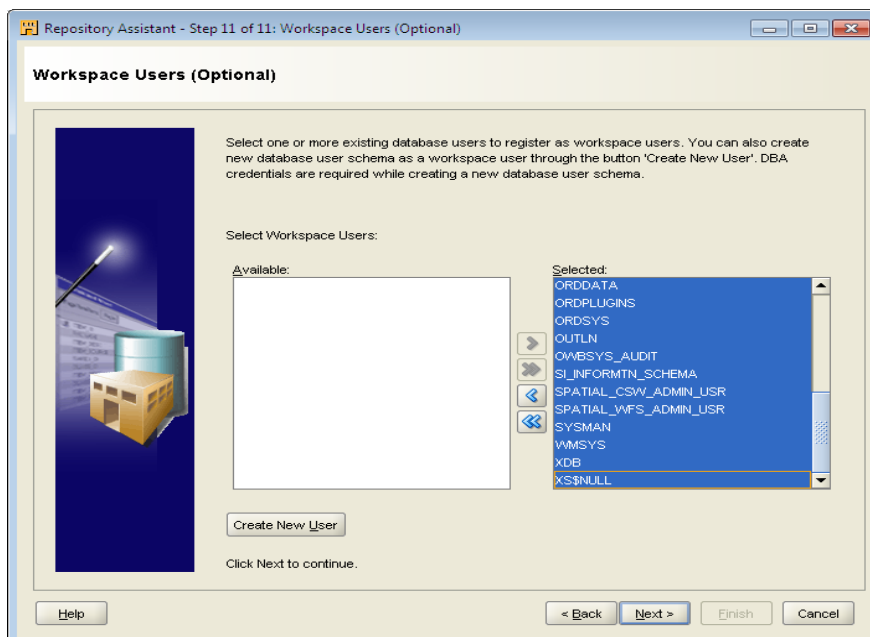
Step12: On the Select Language screen , select the AMERICANENGLISH ,Click Next

The screenshot shows the 'Select Languages' dialog box in the Repository Assistant. The title bar reads 'Repository Assistant - Step 10 of 11: Select Languages'. The main heading is 'Select Languages'. Below this, a vertical sidebar on the left contains a graphic of a database cylinder and a server rack. The main area contains the instruction: 'Select a base language for OMB repository. The repository can have only one base language which you can not change after creating the repository. Optionally, select one or more display languages.' There is a 'Base Language:' dropdown menu set to 'AMERICAN ENGLISH'. Below this, under 'Display Languages:', there is a list of available languages: ALBANIAN, ARABIC, ARABIC EGYPT, ASSAMESE, BANGLA, BRAZILIAN PORTUGUESE, BULGARIAN, CANADIAN FRENCH, CATALAN, CROATIAN, CZECH, and DANISH. To the right of this list is a 'Selected:' area, which is currently empty. Between the list and the selected area are four arrow buttons: a right arrow, a double right arrow, a left arrow, and a double left arrow. At the bottom left, it says 'Click Next to continue.' At the bottom right, there are four buttons: 'Help', '< Back', 'Next >', 'Finish', and 'Cancel'. The 'Next >' button is highlighted.

Step13: On the optional to specify any workspace users from existing database users, Click Next



Step14 : Select the user ,Click on Next



Step15: Select the finish button

