BPD Mobile Application Database Setup

# Download Oracle Database Express Edition 11g Release 2

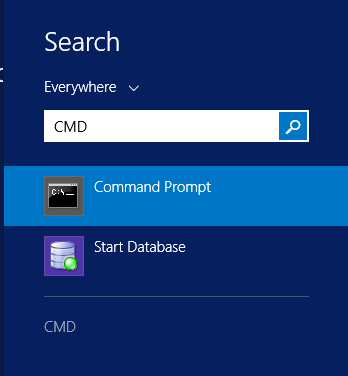
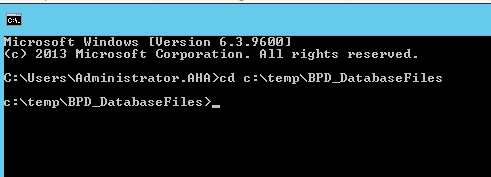
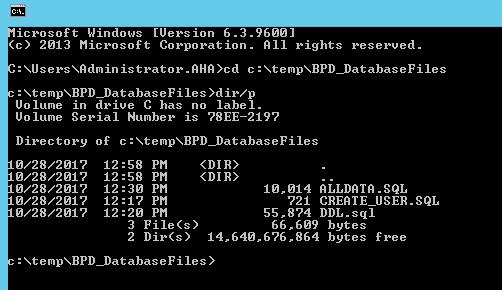
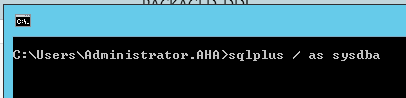
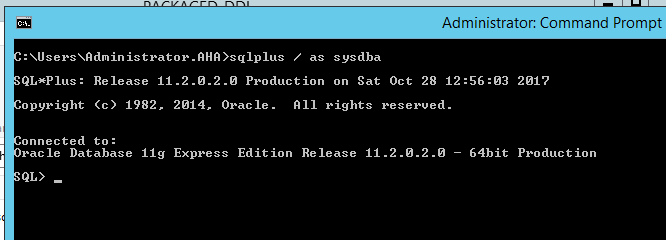
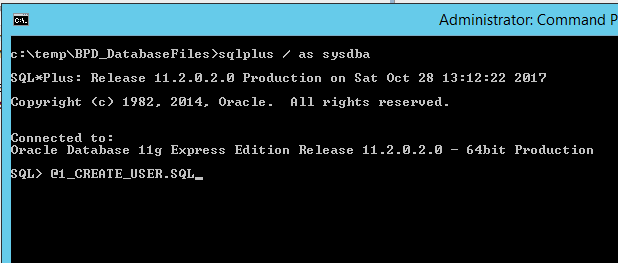
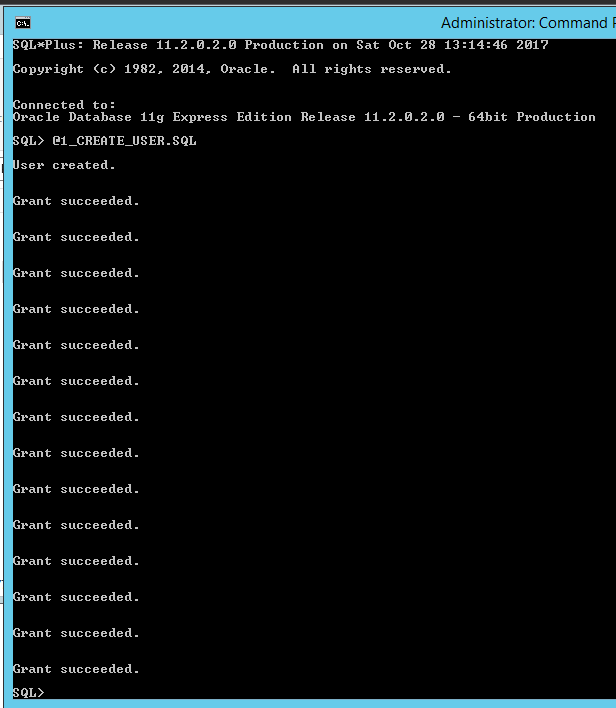
You will need to download and install Oracle Database Express Edition 11g Release 2. After you have downloaded and installed Oracle Database Express Edition 11g Release 2, you will also need to download and install Oracle SQL Developer. Both of these can be found at the following location:

<http://www.oracle.com/technetwork/database/database-technologies/express-edition/downloads/index.html>

Remember that you will have to accept the License Agreement before you are able to download the files.

# Create User

Once the oracle database and SQL Developer have both been installed, you will need to perform the following:

1. Create a directory named C:\temp\BPD\_DatabaseFiles\ on the machine that you have the oracle database installed.
2. Copy the files that were attached to the email (or from the Google Drive) to this directory. The files should be:
   1. 1b\_CREATE\_USER.SQL
   2. 2\_DDL.SQL
   3. 3\_ALL\_DATA.SQL
3. Open a command window (you can do this by typing cmd in the windows search window . Depending on the operating system you used, you may have to search for the command window a different way (I am using Windows Server 2012): 
4. Select the Command Prompt
5. Navigate to the C:\temp\BPD\_DatabaseFiles directory: 
6. As a sanity check, type in the command dir/p to verify you see the files you copied to this directory: 
7. Because you installed the oracle database, you should have access to SQL Plus.
   1. Type in sqlplus / as sysdba 
8. You should get the following (if you don’t then we have a problem): 
9. To create the new user, execute the 1a\_CREATE\_USER.SQL script. The screenshot below contains the name of an old file. Type @1a\_CREATE\_USER.SQL and press the Enter key: 
10. You should get the following: 

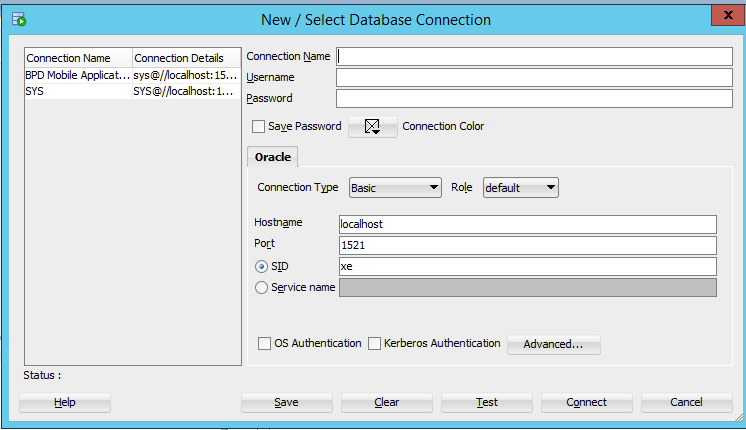
Do not close this window, as you will need this later on.

# Create Connection to Database

To create a connection to the database, open SQL Developer.

Once SQL Developer is fully opened, click on the Green Plus sign at the top of the application: 

This will display a window as follows:



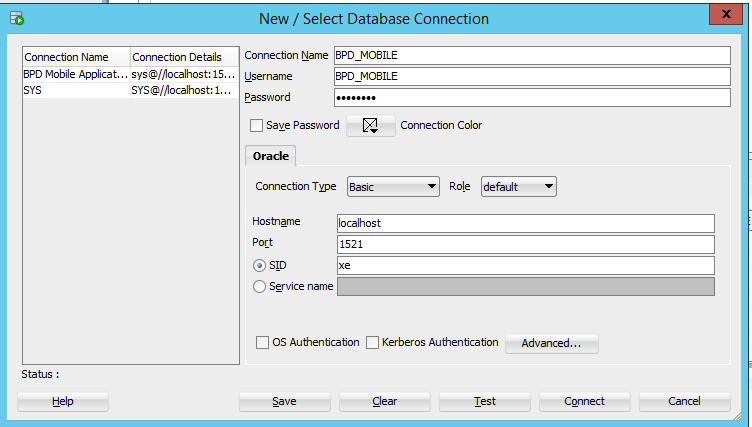
You will need to complete the following fields:

Connection Name: BPD\_MOBILE

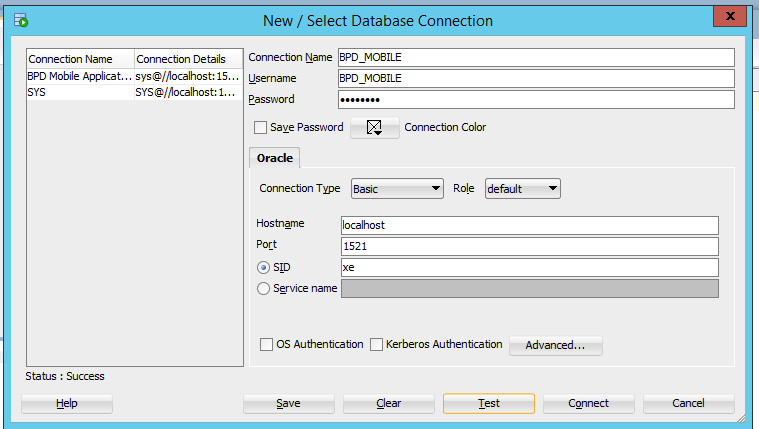
Username: BPD\_MOBILE

Password: !QAZ2wsx

Your screen should look like the following:

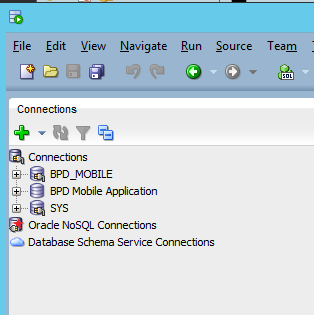


Click on the “Test” button to verify that the properties are valid. You should see “Success” next to the Status label:



Once this is done, click the “Connect” button.

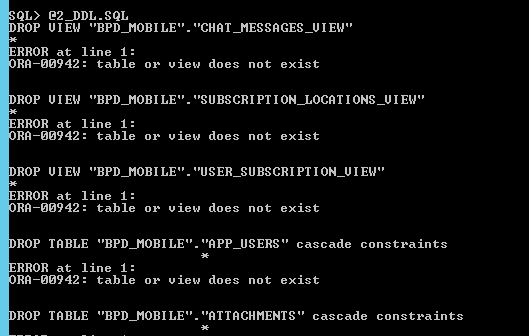
You should see your new connection in the list:



Expand the BPD\_MOBILE connection, and expand Tables, Views, and Stored Procedures. You should not see any in the list.

# Run the DDL Script

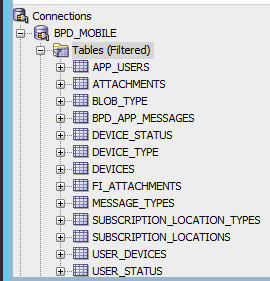
In the command window, run the 2\_DDL.SQL script. Type in @2\_DDL.SQL and press the Enter key.



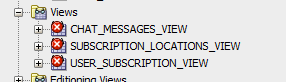
You will see a few errors, as the script is attempting to drop database objects that do not exist. However, that is fine, because they are being created later on in the script.



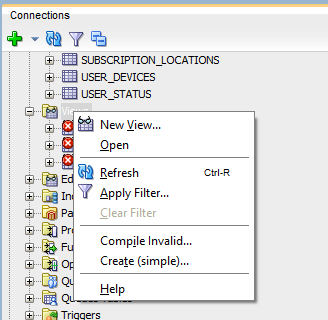
In your SQL Developer application, right-click “Tables”, and click “Refresh”. You should now see this:



Expand “View”. You should see this:

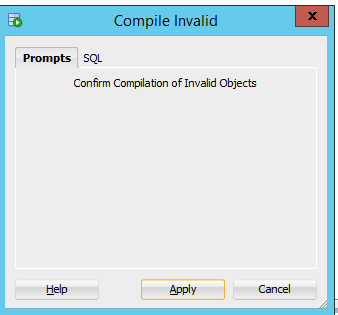


All of these views will need to be recompiled. So, right-click “Views”:

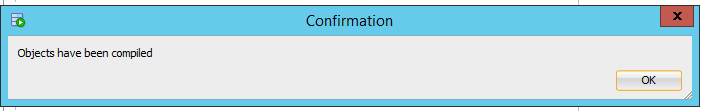


Click “Compile Invalid…”

In the popup, click the “Apply” button.

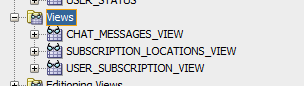


You should receive this:



Click the “OK” button.

Now your Views should look like this:

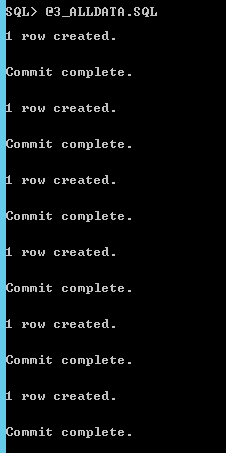


All were recompiled successfully.

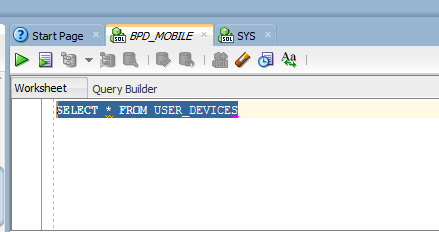
Perform the same procedure that you just performed for the “Triggers”, as they will need to be recompiled as well.

# Import Data

In the command window, run the 3\_ALL\_DATA.SQL script. Type in @3\_ALL\_DATA.SQL and press the Enter key. You should get results that look like the following:



In your SQL Developer application, in a query window:



Run the query above. If data is returned, the import was successful.

A query window should be opened for you by default. However, you can also open one by clicking on the SQL Worksheet submenu item:

