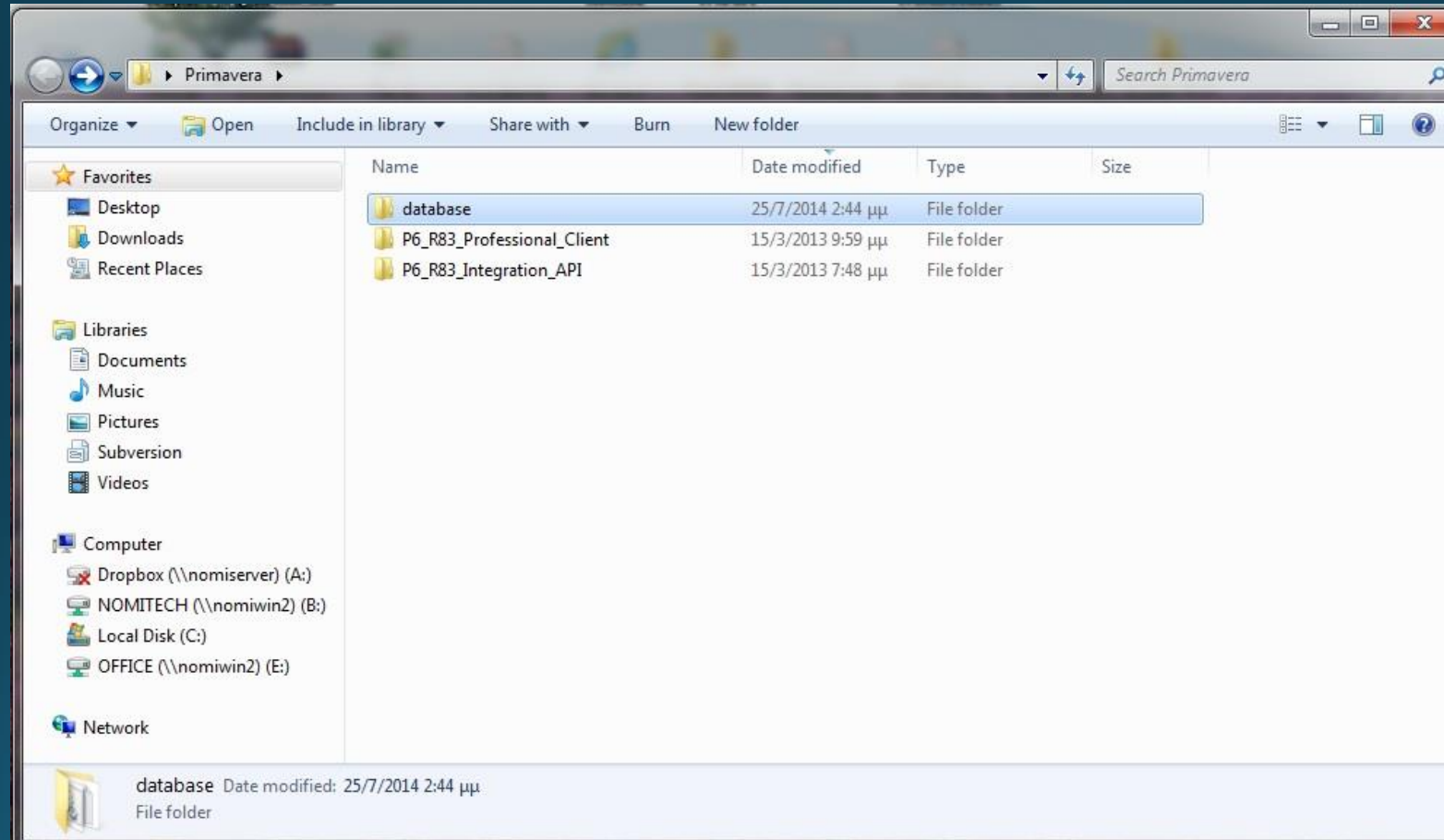


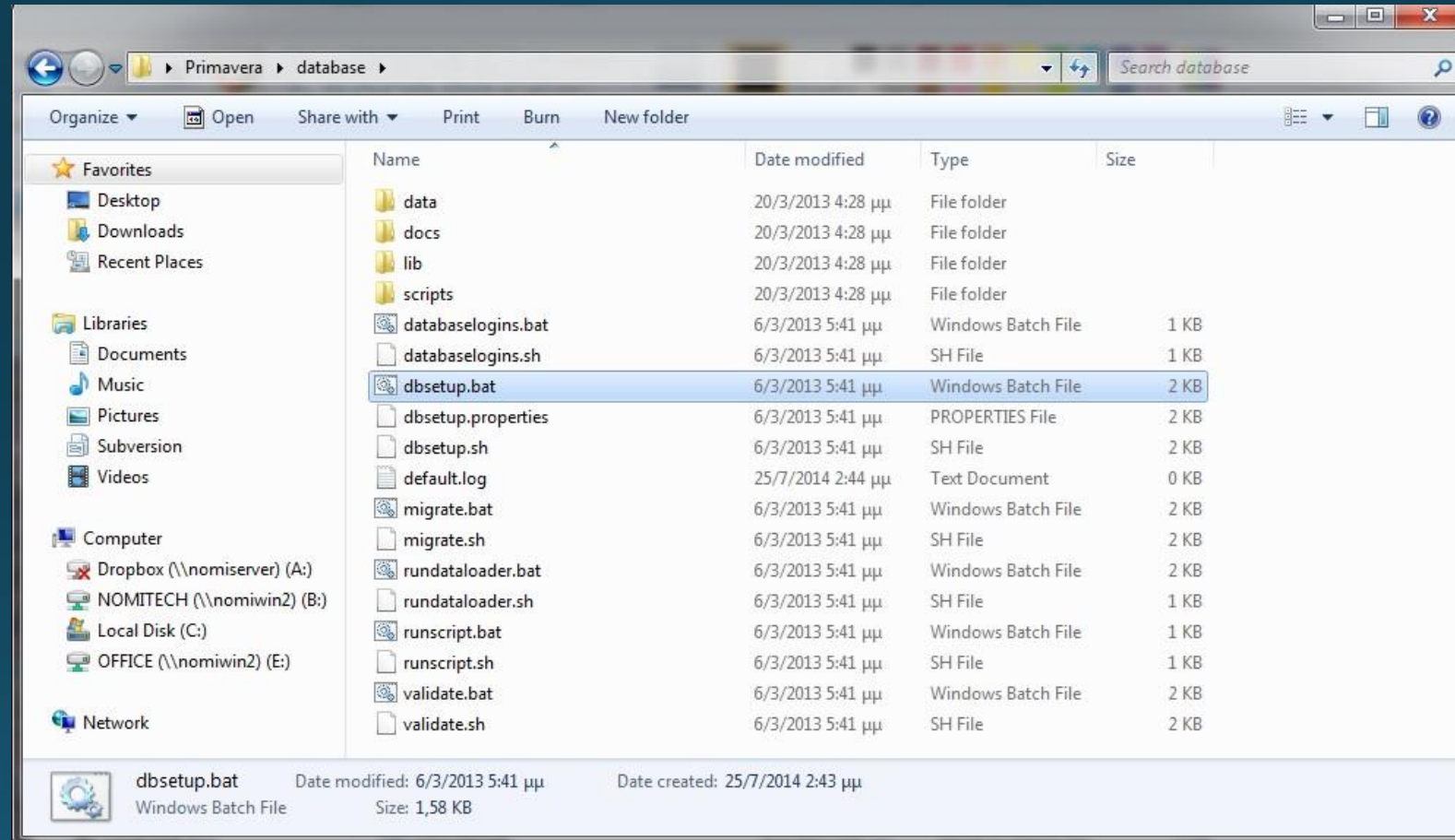
CostOS 4.7

Installation and Integration with Primavera

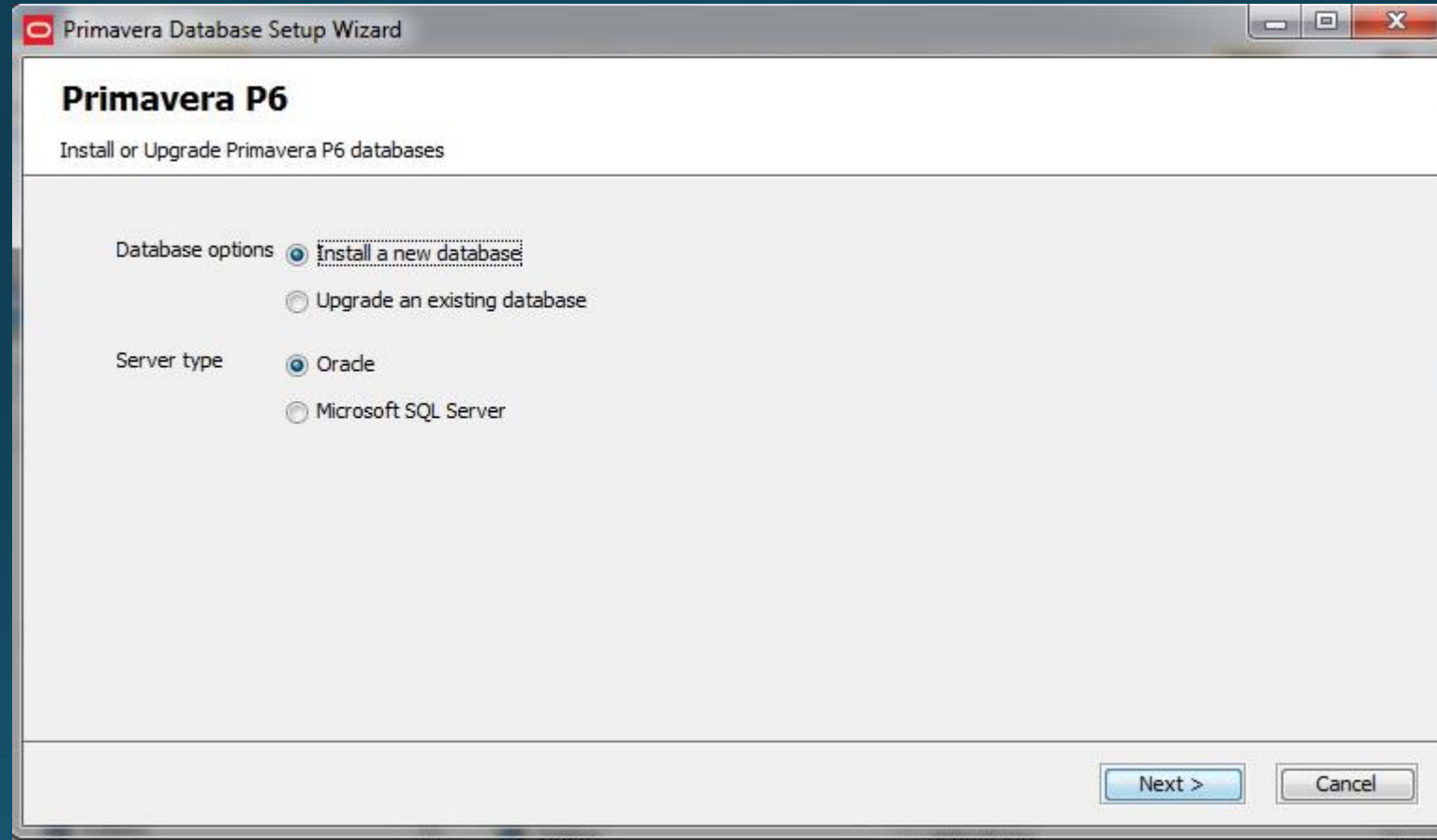
# Step 1 – Select database from Primavera Folder



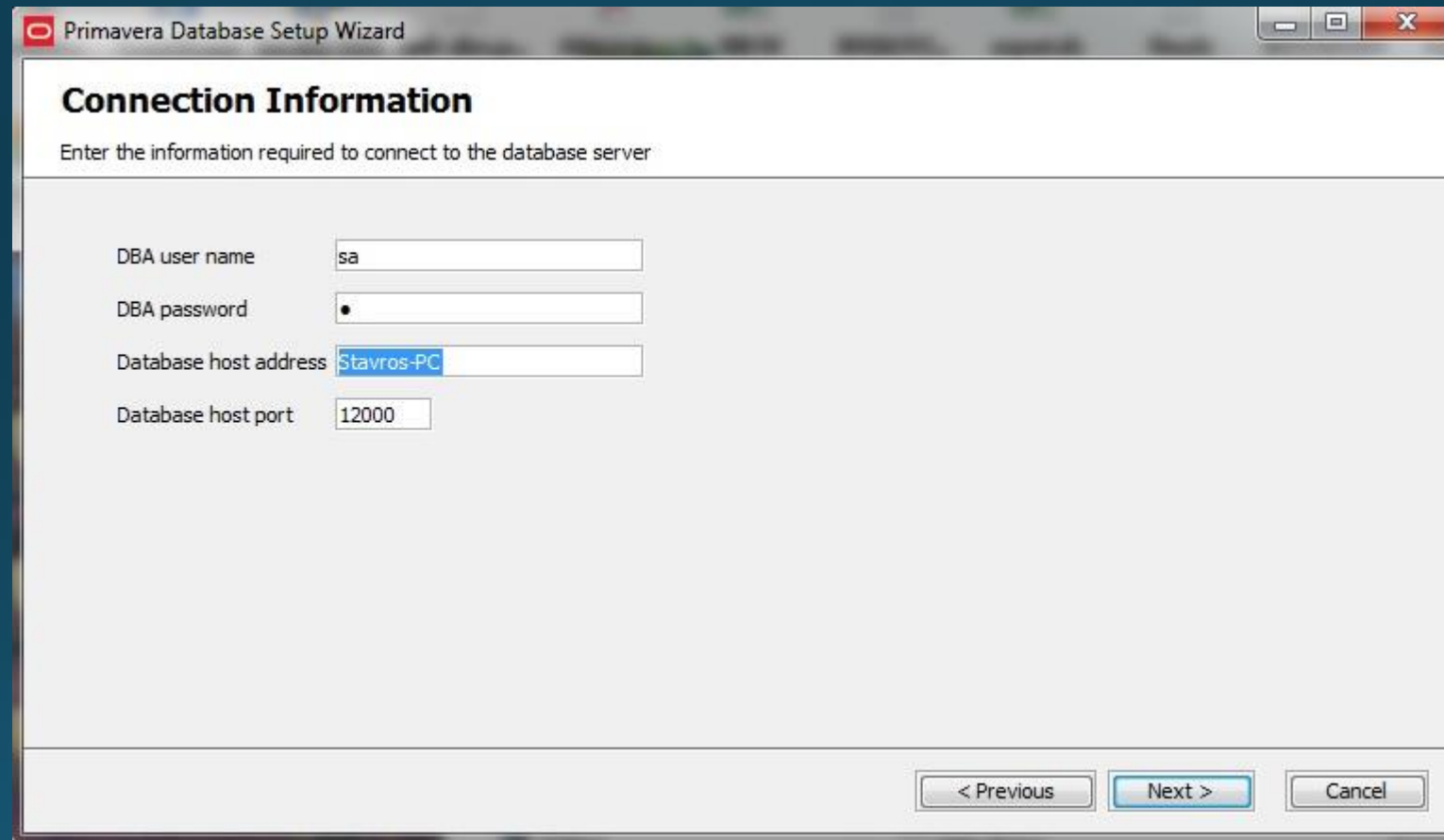
# Step 2 – Run dbsetup.bat



## Step 3 – Click **Next** to continue



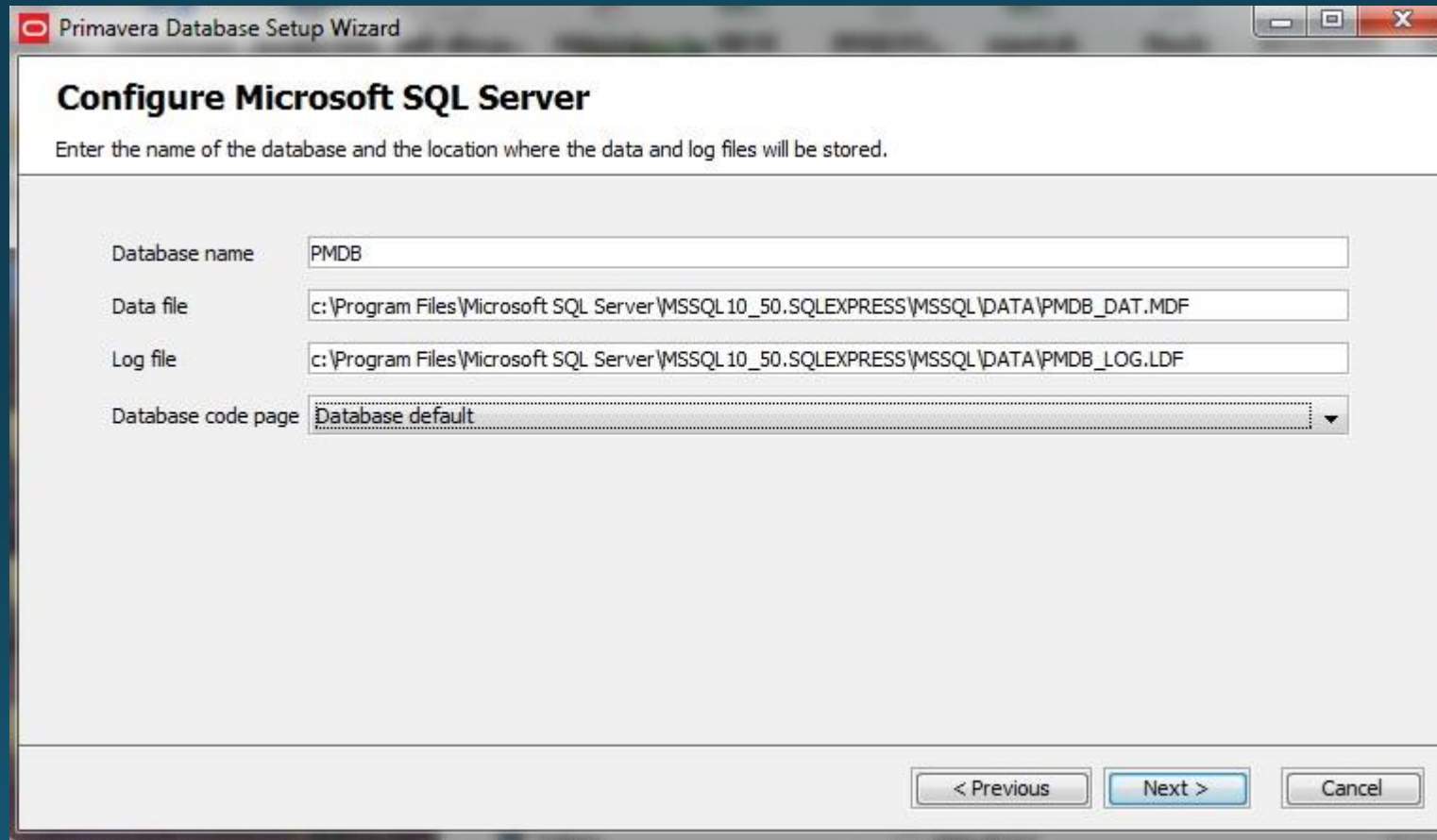
Step 4 – Fill in with the username that you specified when you installed SQL Server and with the port of CostOS instance.



The screenshot shows a Windows-style dialog box titled "Primavera Database Setup Wizard". The main heading is "Connection Information" with a subtitle "Enter the information required to connect to the database server". There are four input fields: "DBA user name" with the value "sa", "DBA password" with a masked password (dots), "Database host address" with the value "Stavros-PC", and "Database host port" with the value "12000". At the bottom right, there are three buttons: "< Previous", "Next >", and "Cancel".

Field	Value
DBA user name	sa
DBA password	•••••
Database host address	Stavros-PC
Database host port	12000

## Step 5 – Click **Next** to continue



The screenshot shows a window titled "Primavera Database Setup Wizard" with a sub-header "Configure Microsoft SQL Server". Below the sub-header is the instruction: "Enter the name of the database and the location where the data and log files will be stored." The form contains four fields: "Database name" with the value "PMDB", "Data file" with the path "c:\Program Files\Microsoft SQL Server\MSSQL10\_50.SQLEXPRESS\MSSQL\DATA\PMDB\_DAT.MDF", "Log file" with the path "c:\Program Files\Microsoft SQL Server\MSSQL10\_50.SQLEXPRESS\MSSQL\DATA\PMDB\_LOG.LDF", and "Database code page" with a dropdown menu set to "Database default". At the bottom right, there are three buttons: "< Previous", "Next >", and "Cancel".

Primavera Database Setup Wizard

### Configure Microsoft SQL Server

Enter the name of the database and the location where the data and log files will be stored.

Database name: PMDB

Data file: c:\Program Files\Microsoft SQL Server\MSSQL10\_50.SQLEXPRESS\MSSQL\DATA\PMDB\_DAT.MDF

Log file: c:\Program Files\Microsoft SQL Server\MSSQL10\_50.SQLEXPRESS\MSSQL\DATA\PMDB\_LOG.LDF

Database code page: Database default

< Previous   Next >   Cancel

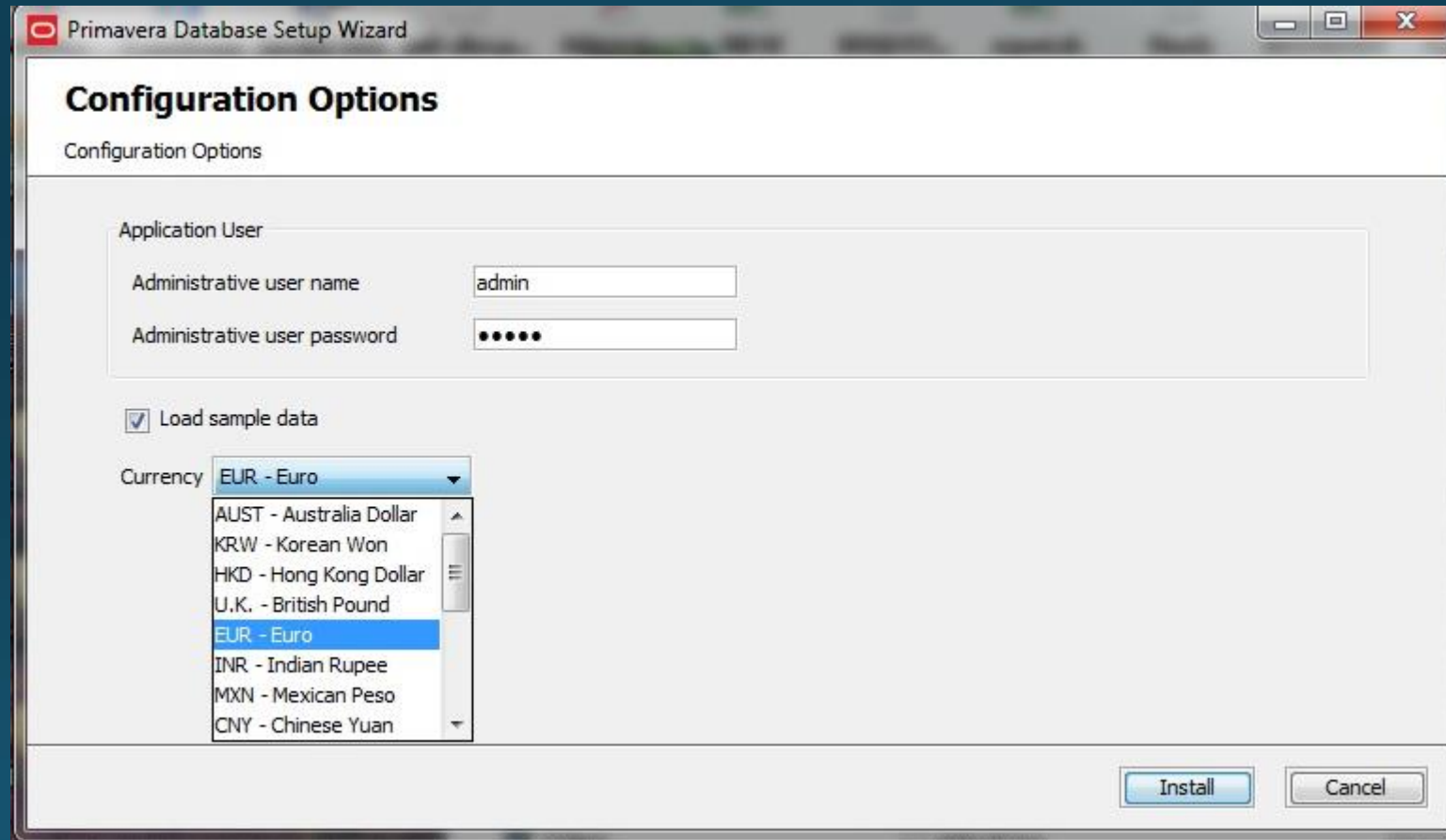
# Step 6 – Specify passwords for Primavera users and Click **Next** to continue

The screenshot shows a window titled "Primavera Database Setup Wizard" with the subtitle "Create SQL Server Users". Below the subtitle is the instruction "Enter database user names and passwords." The main area contains a table with four columns: "User Name", "Use Existing", "Password", and "Confirm Password". There are three rows of input fields. The first row is for the "Privileged user name" with the username "privuser", an unchecked "Use Existing" checkbox, and masked password fields. The second row is for the "Public user name" with the username "pubuser", an unchecked "Use Existing" checkbox, and masked password fields. The third row is for the "Px Reporting user name" with the username "pxuser", an unchecked "Use Existing" checkbox, and masked password fields. At the bottom right, there are three buttons: "< Previous", "Next >", and "Cancel".

	User Name	Use Existing	Password	Confirm Password
Privileged user name	privuser	<input type="checkbox"/>	•••••	•••••
Public user name	pubuser	<input type="checkbox"/>	•••••	•••••
Px Reporting user name	pxuser	<input type="checkbox"/>	•••••	•••••

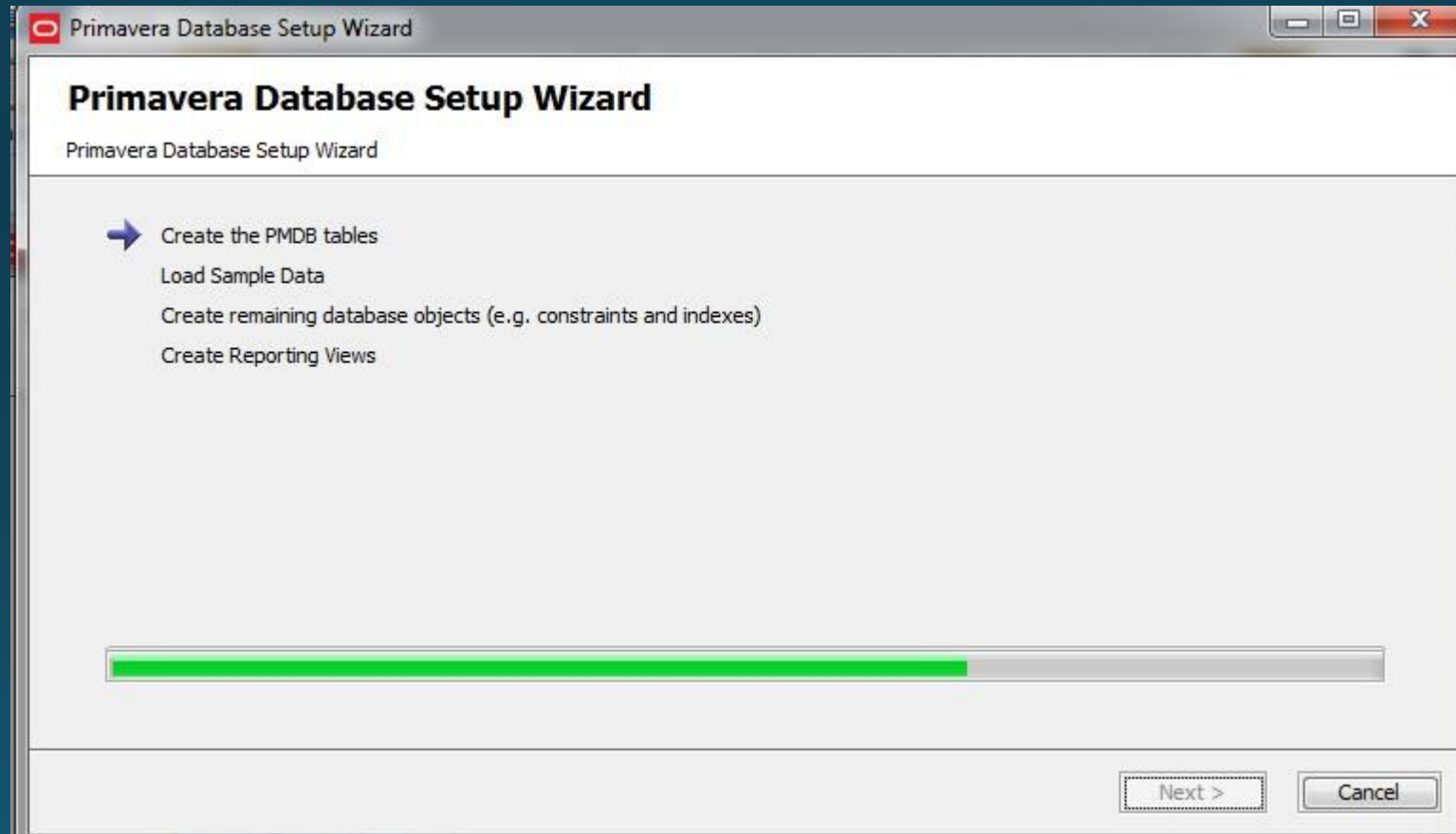
< Previous   Next >   Cancel

Step 7 – Specify Application User’s **username** and **password**. Change the currency if you wish and click **Install** to continue.

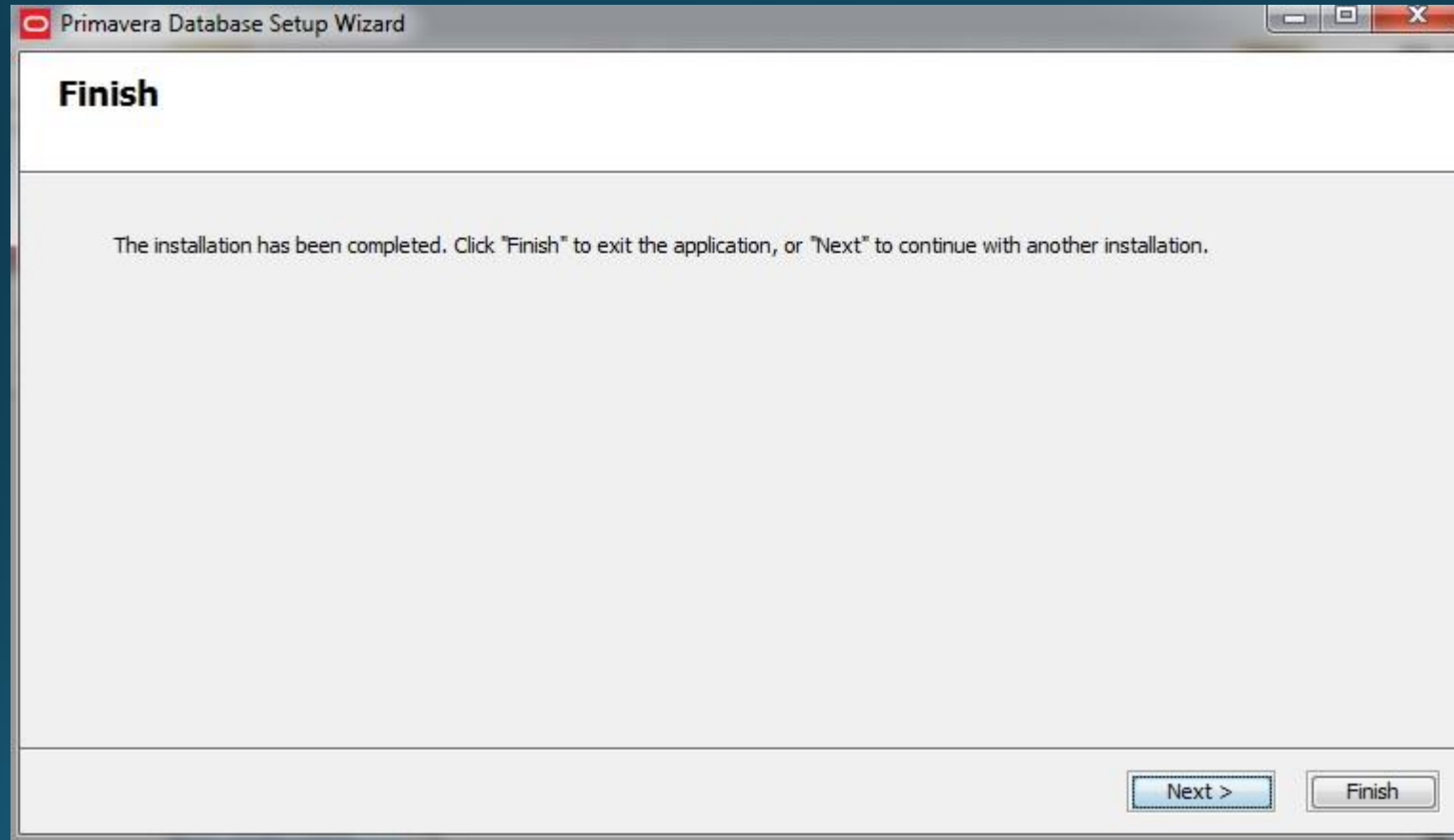




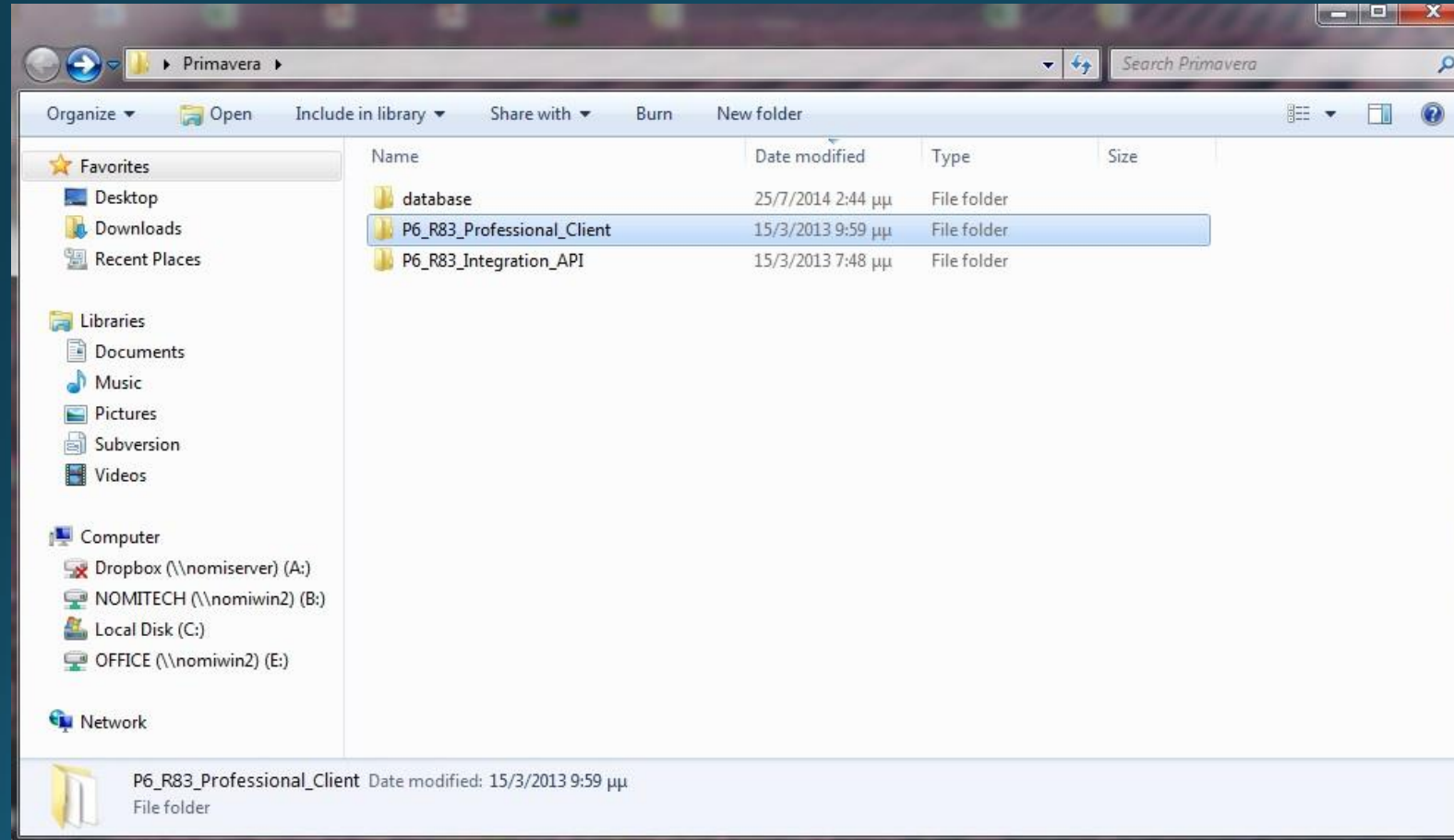
The database is being installed



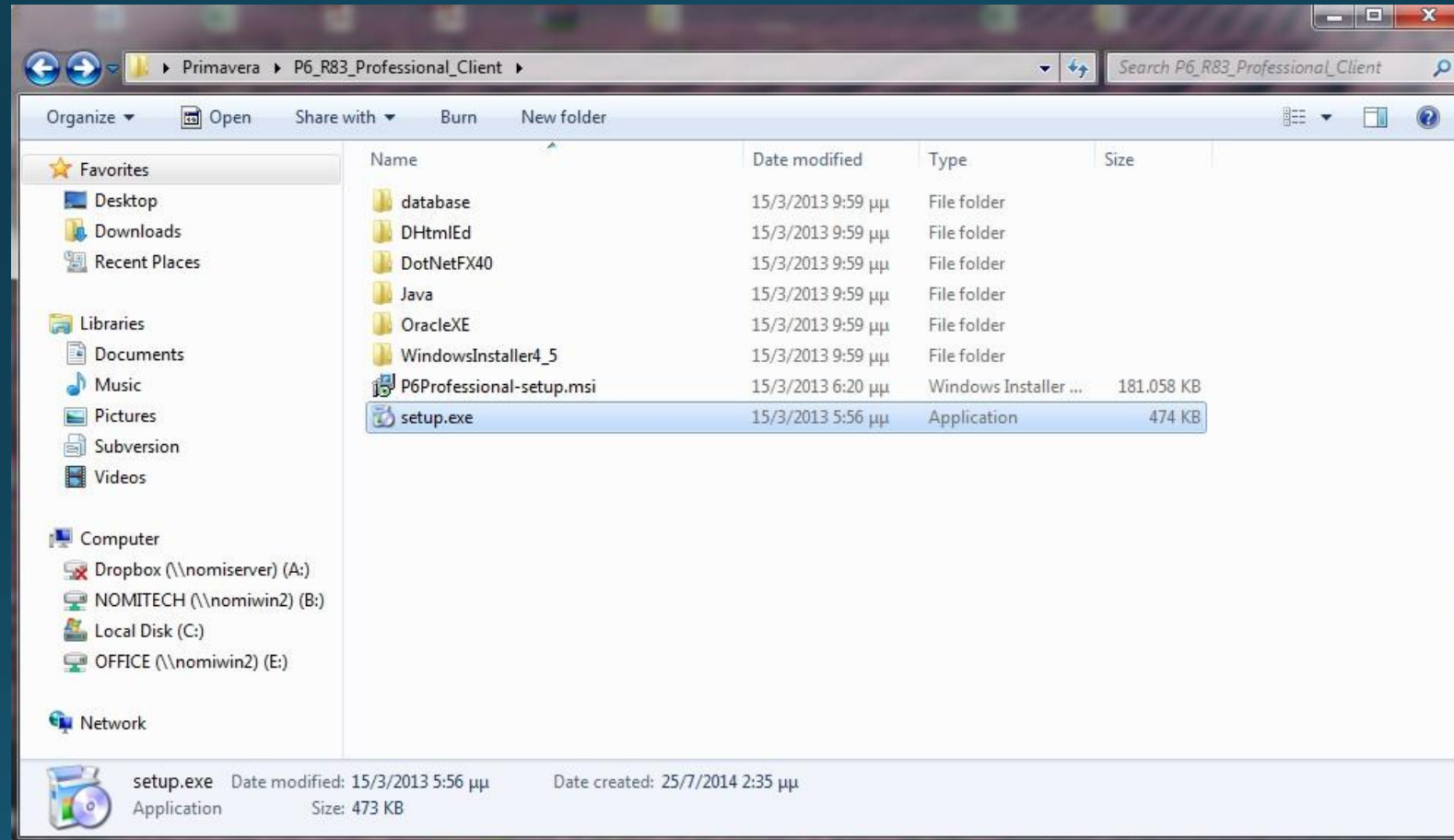
## Step 8 – Click **Finish**!



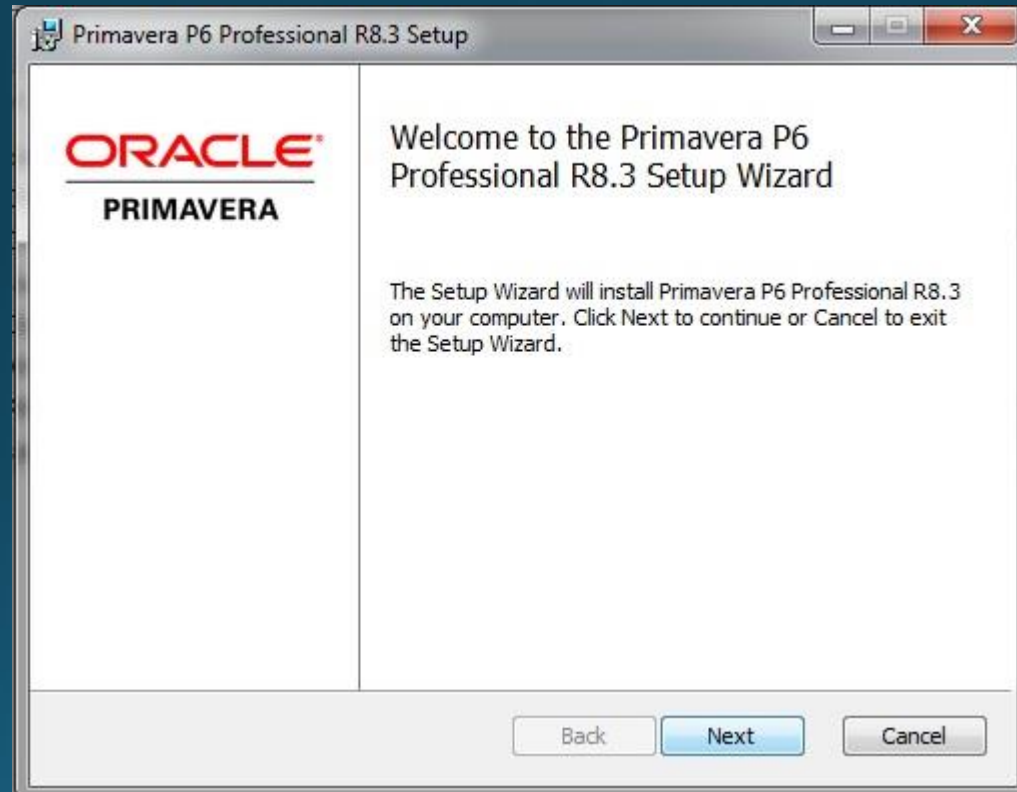
## Step 9 – Open P6\_R83\_Professional\_Client folder.



# Step 10 – Run the **setup.exe**



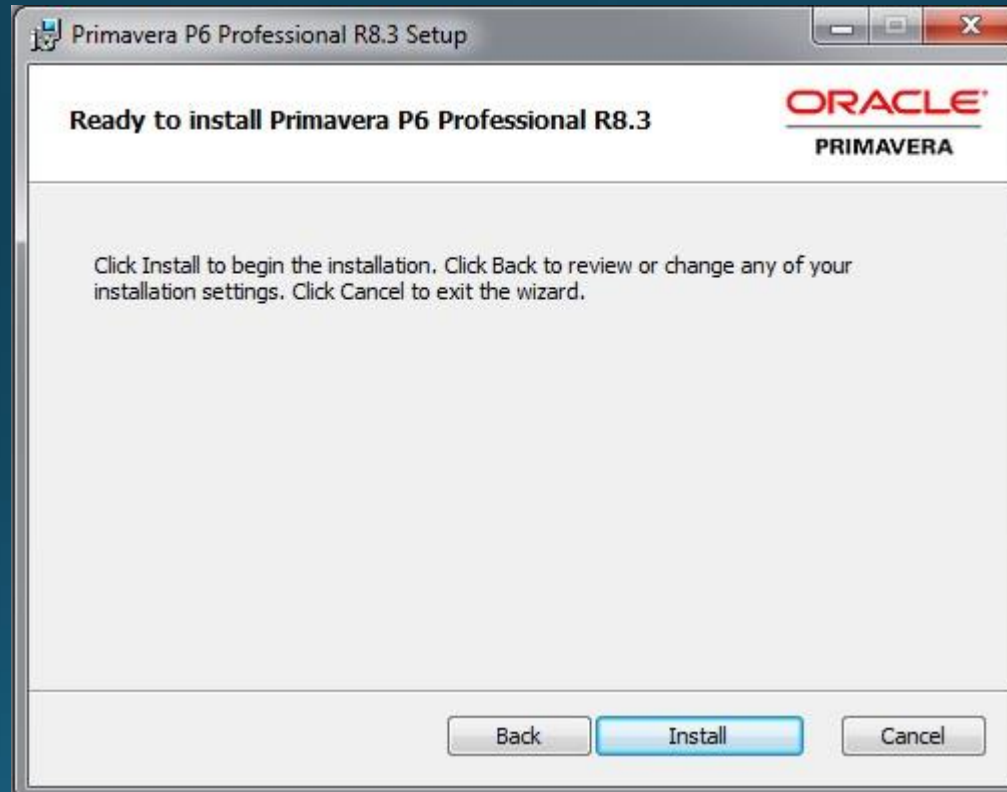
## Step 11 - Click **Next** to continue



## Step 12 – Select Typical Setup Type.



## Step 13 – Click Install.

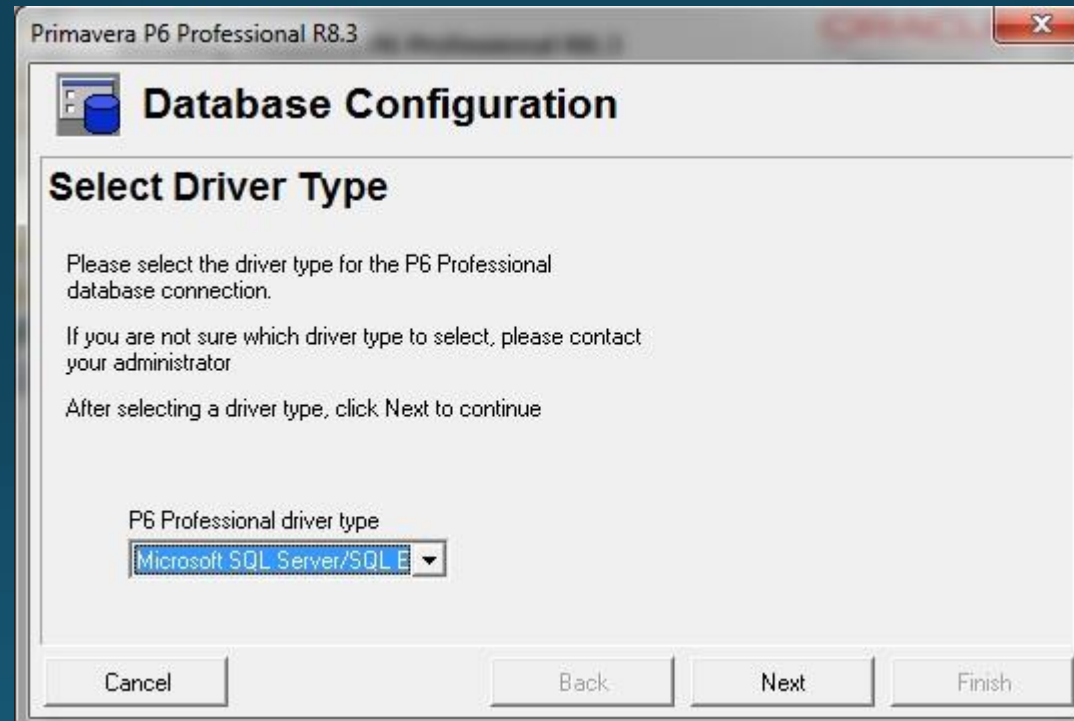


# Installing Primavera P6 Professional R8.3

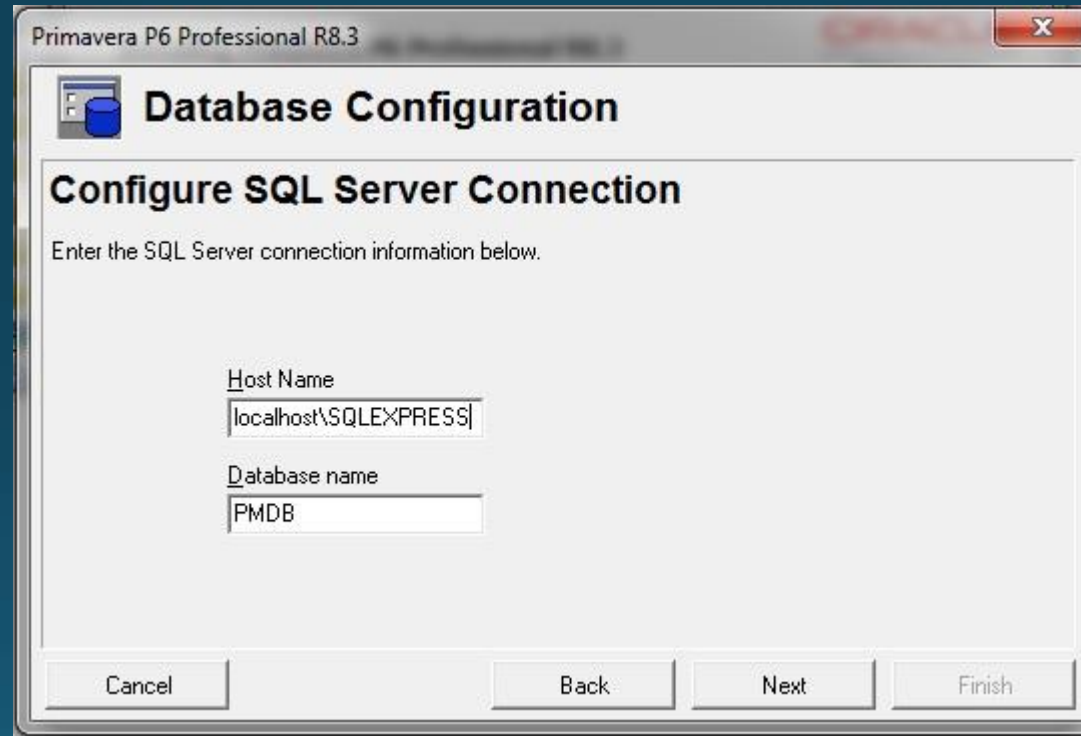




Step 14 – Select Microsoft SQL Server and click **Next** to continue.



Step 15 – Specify your **Host Name** and Click **Next** to continue.



Primavera P6 Professional R8.3

### Database Configuration

#### Configure SQL Server Connection

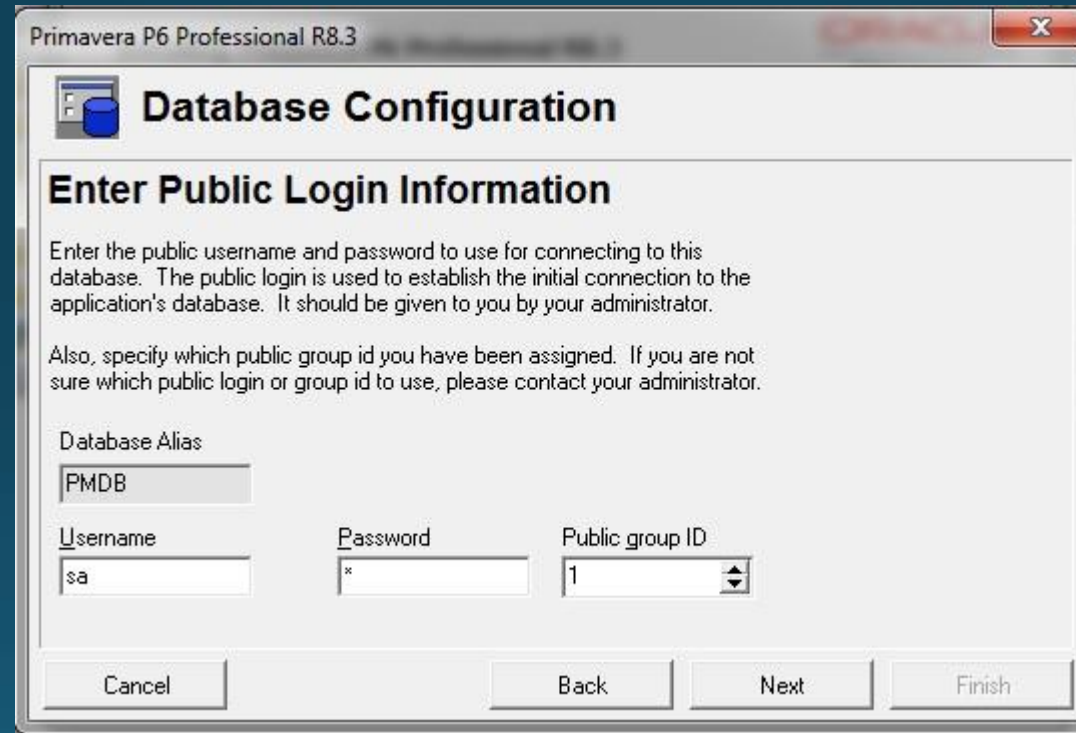
Enter the SQL Server connection information below.

Host Name  
localhost\SQLEXPRESS

Database name  
PMDB

Cancel Back Next Finish

Step 16 – Fill in with SQL credentials and click **Next** to continue.



Primavera P6 Professional R8.3

### Database Configuration

#### Enter Public Login Information

Enter the public username and password to use for connecting to this database. The public login is used to establish the initial connection to the application's database. It should be given to you by your administrator.

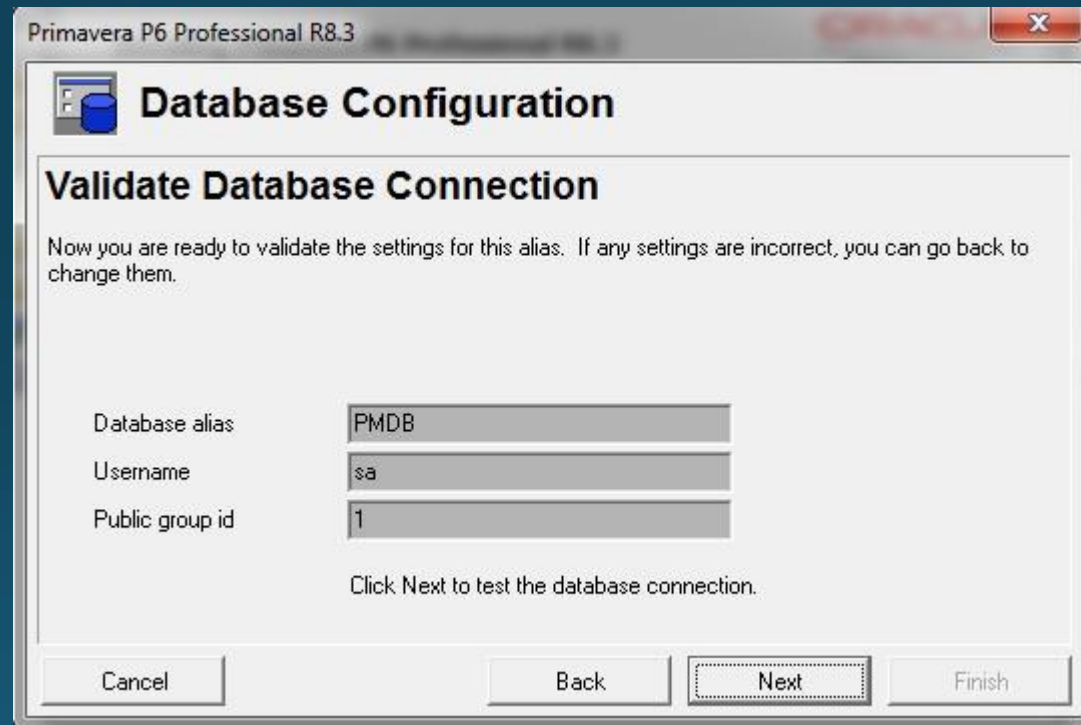
Also, specify which public group id you have been assigned. If you are not sure which public login or group id to use, please contact your administrator.

Database Alias  
PMDb

Username Password Public group ID  
sa \* 1

Cancel Back Next Finish

## Step 17 – Click **Next** to continue



Primavera P6 Professional R8.3

### Database Configuration

#### Validate Database Connection

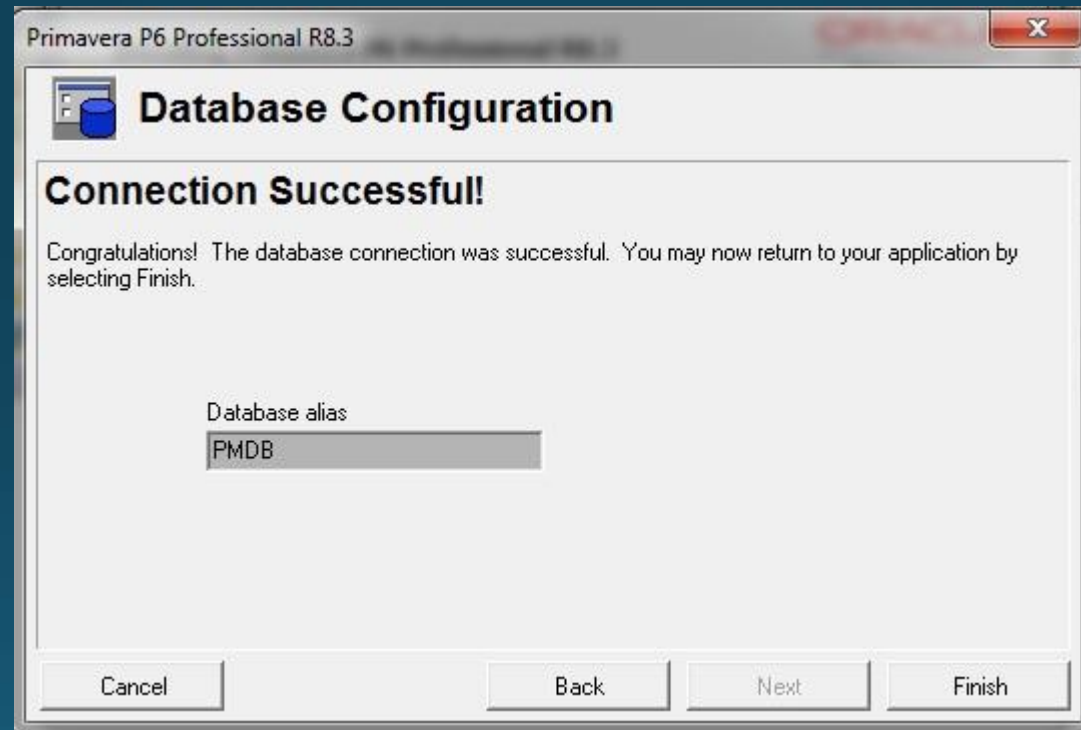
Now you are ready to validate the settings for this alias. If any settings are incorrect, you can go back to change them.

Database alias	PMDB
Username	sa
Public group id	1

Click Next to test the database connection.

Cancel Back **Next** Finish

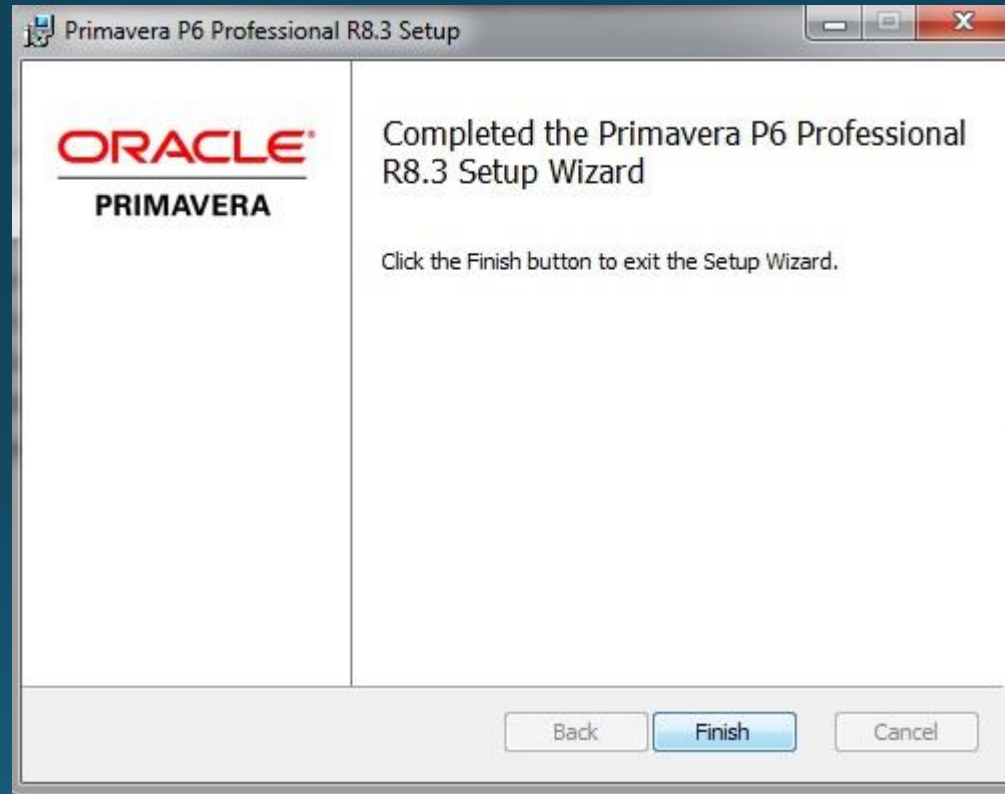
## Step 18 – Click Finish!



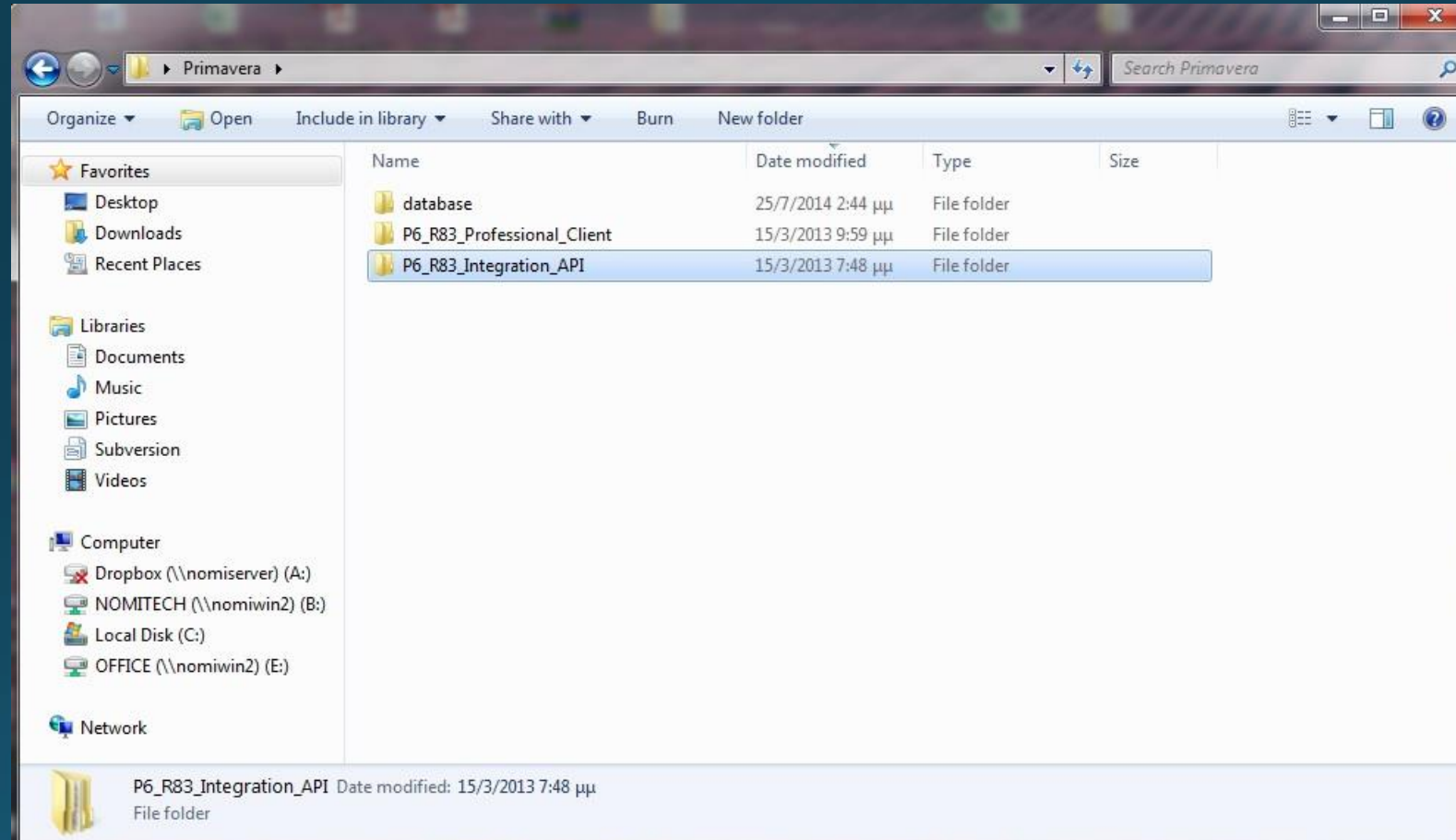
# Installing Primavera P6 Professional R8.3



## Step 19 – Click Finish.

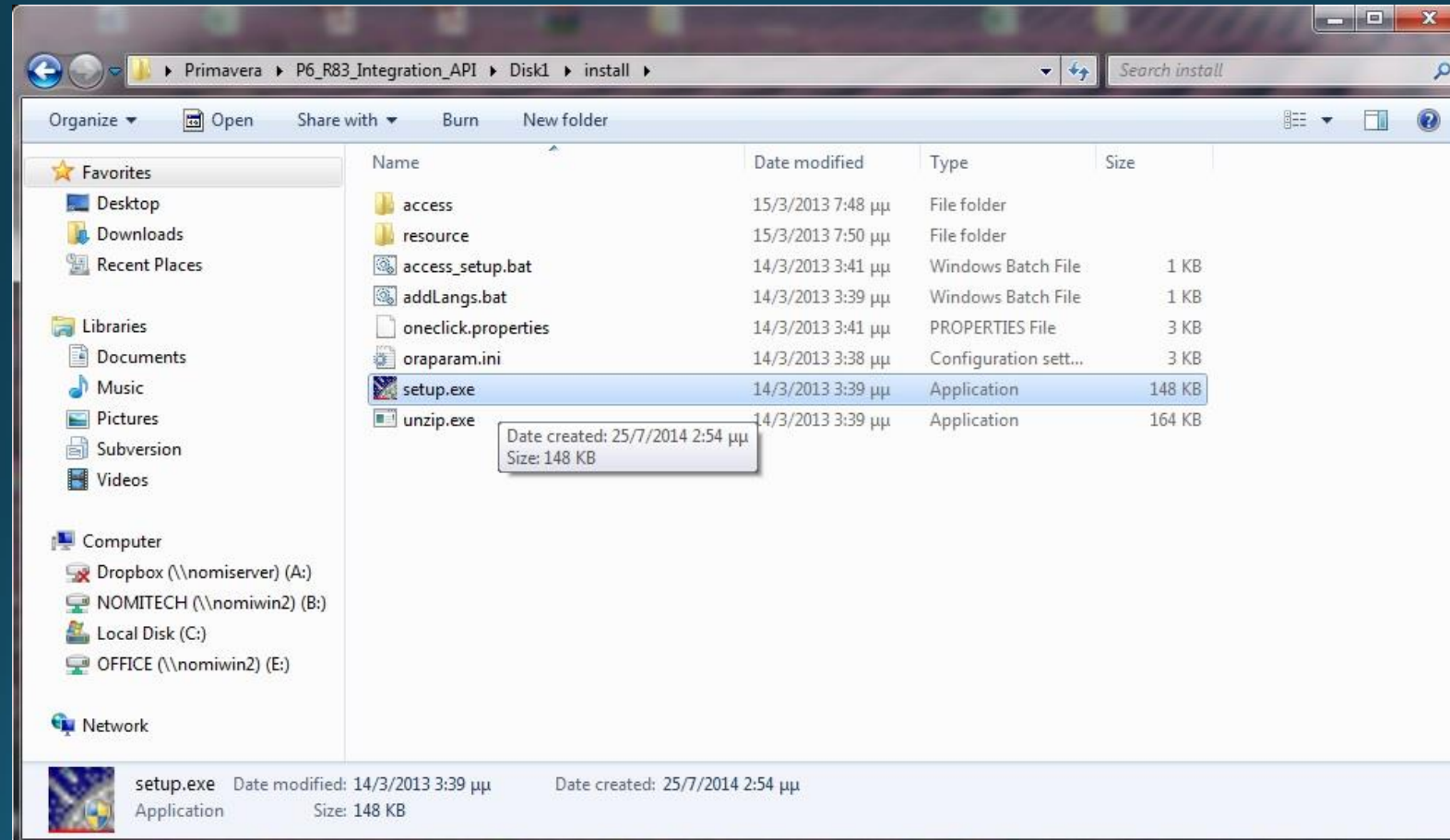


# Step 20 – Open P6\_R83\_Integration\_API folder.

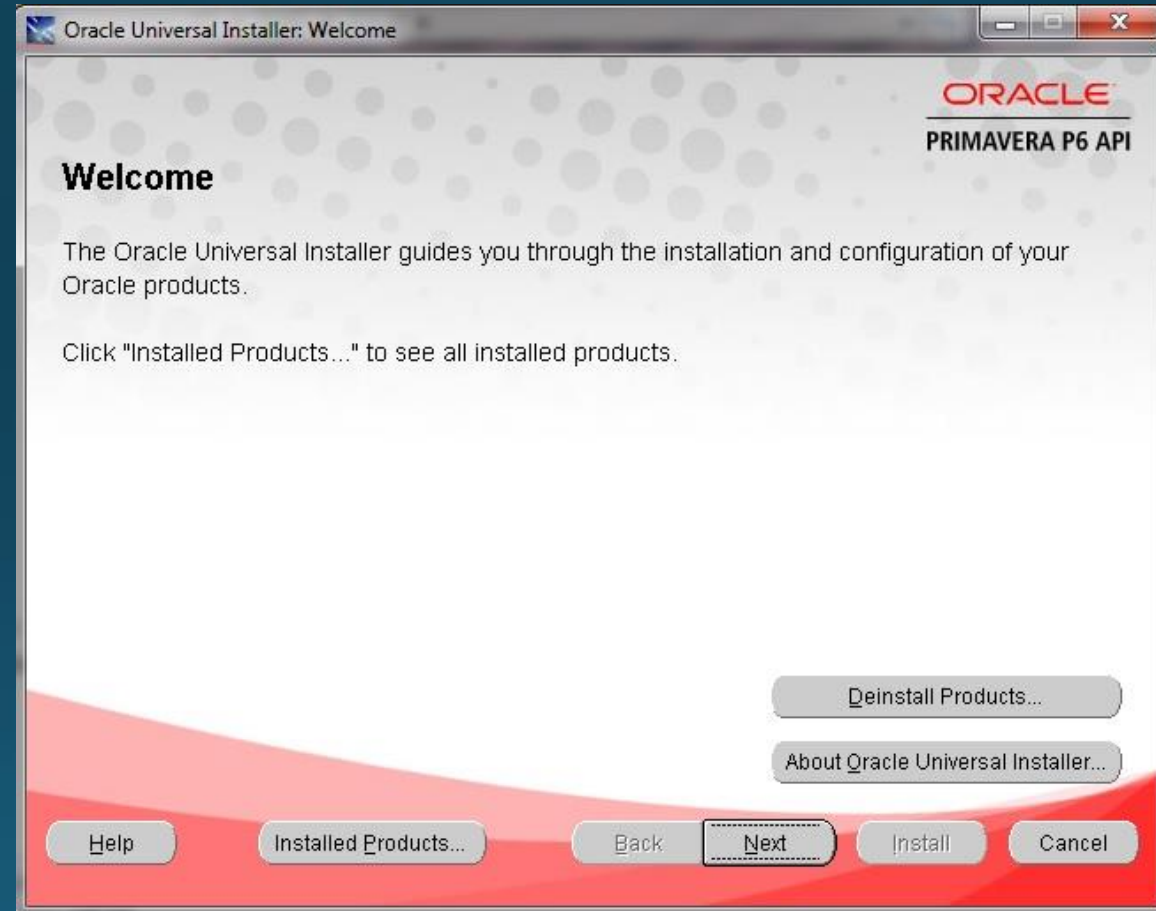




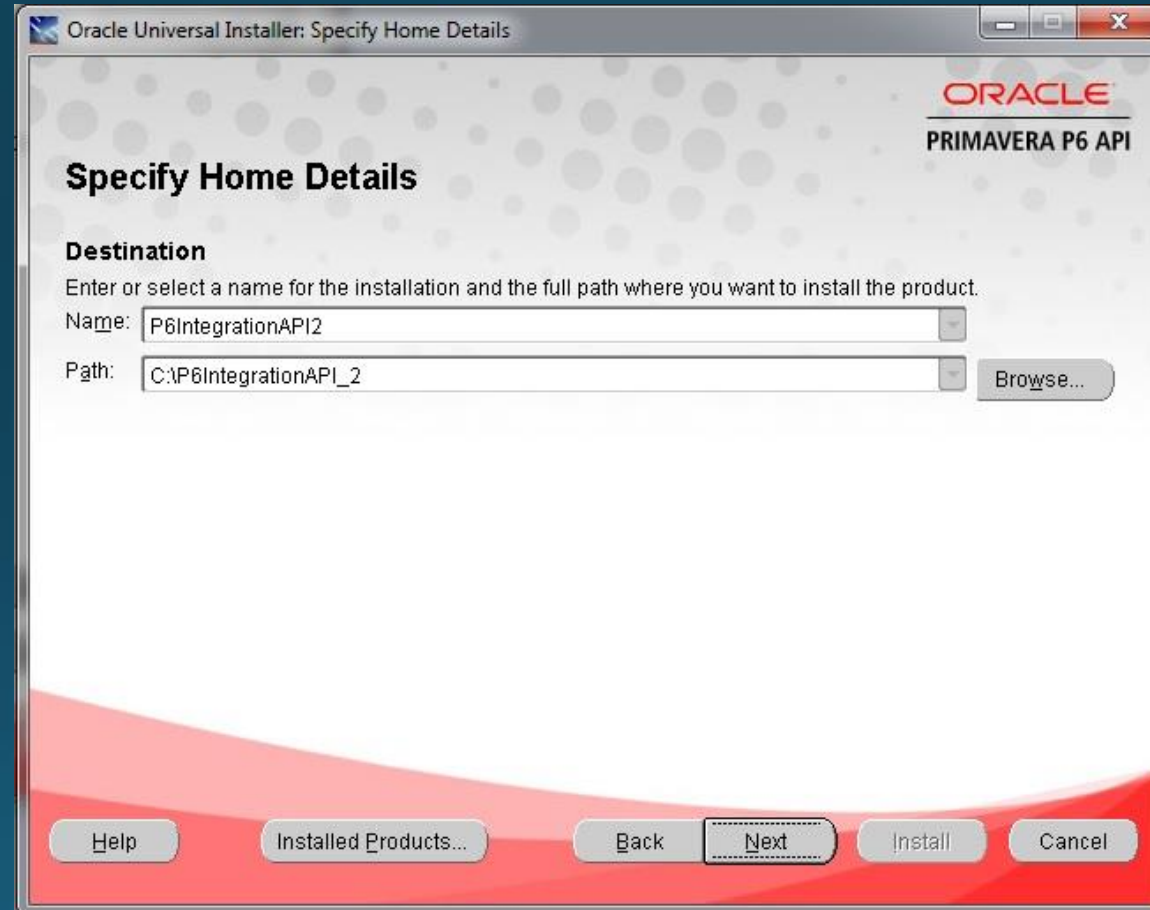
# Step 21 – Run setup.exe



Step 22 – Click **Next** to continue.



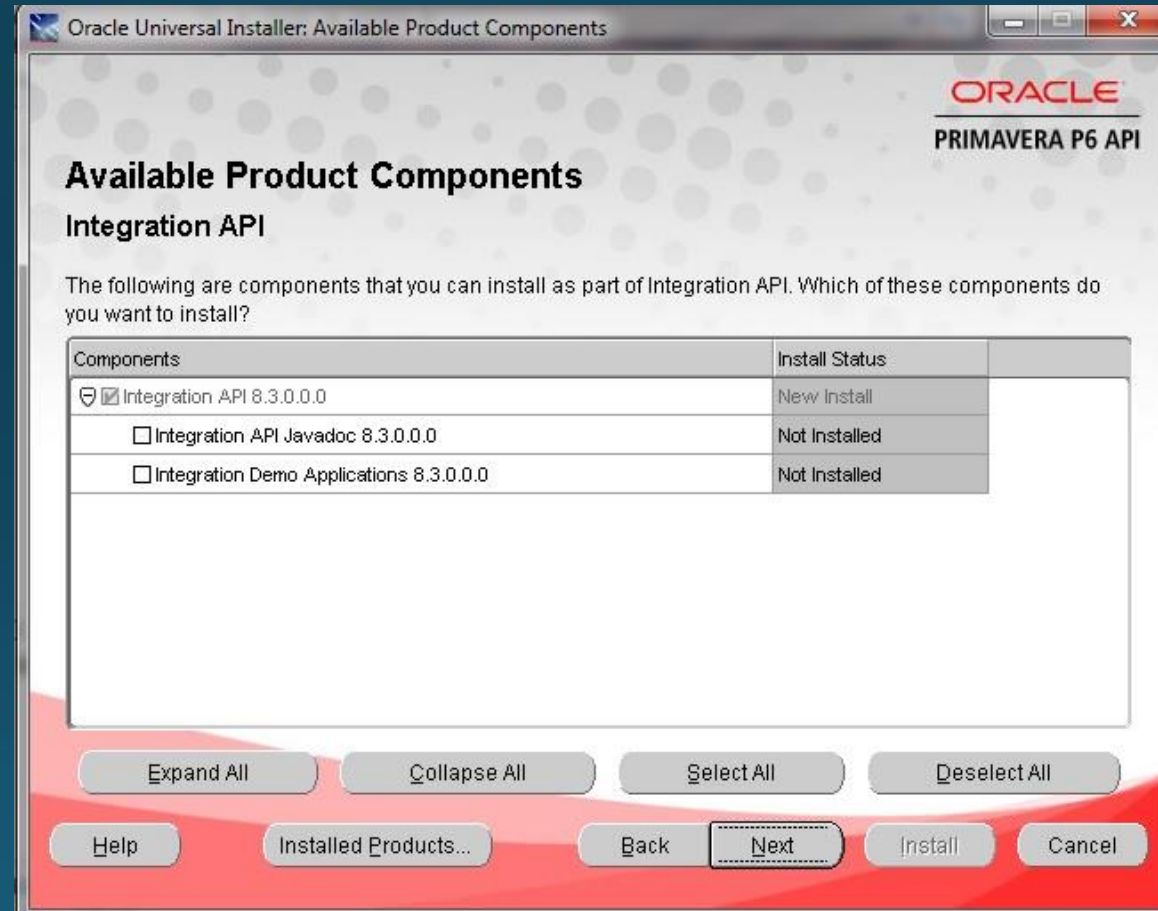
Step 23 – Specify destination and Name for the Installation and click **Next** to continue.



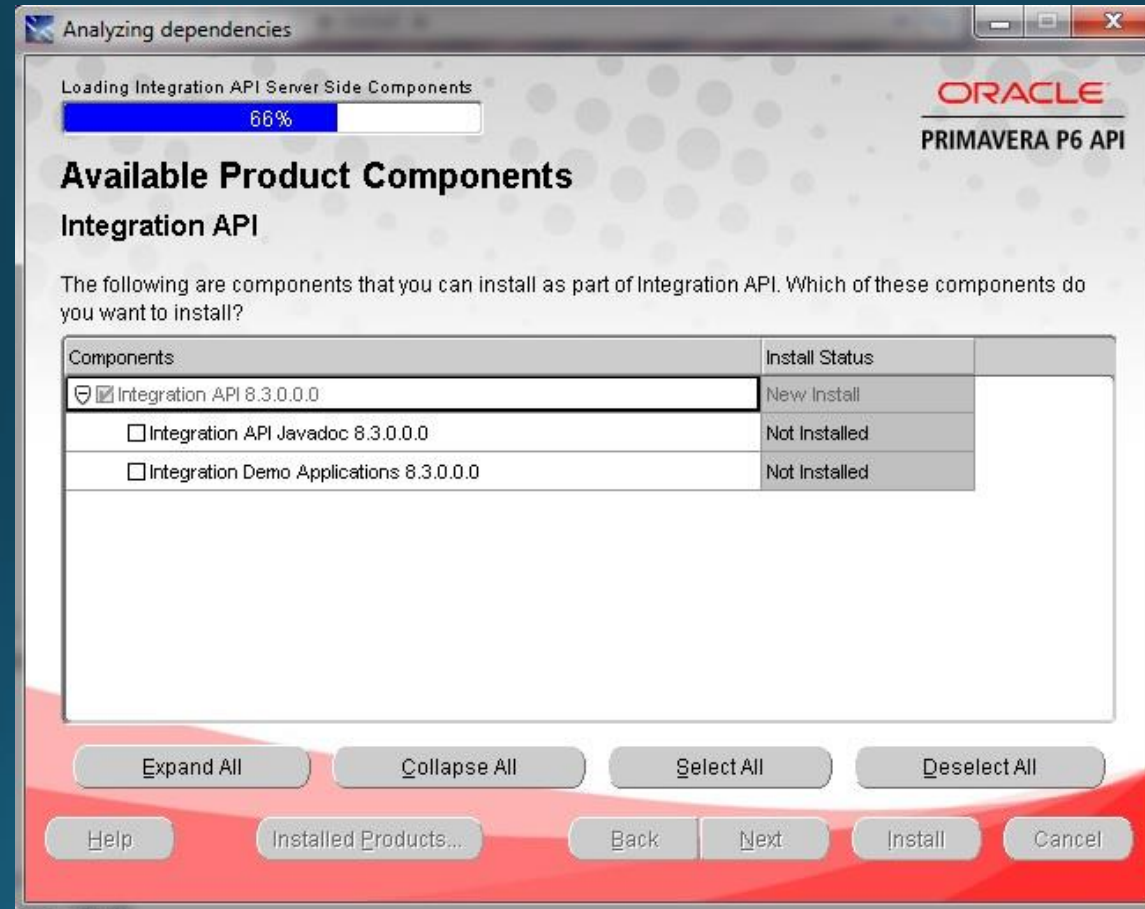
The screenshot shows a window titled "Oracle Universal Installer: Specify Home Details" for the "PRIMAVERA P6 API" product. The window contains the following elements:

- Destination** section with the instruction: "Enter or select a name for the installation and the full path where you want to install the product."
- Name:** A text field containing "P6IntegrationAPI2".
- Path:** A text field containing "C:\P6IntegrationAPI\_2" and a "Browse..." button to the right.
- A bottom navigation bar with buttons for "Help", "Installed Products...", "Back", "Next" (highlighted with a dashed border), "Install", and "Cancel".

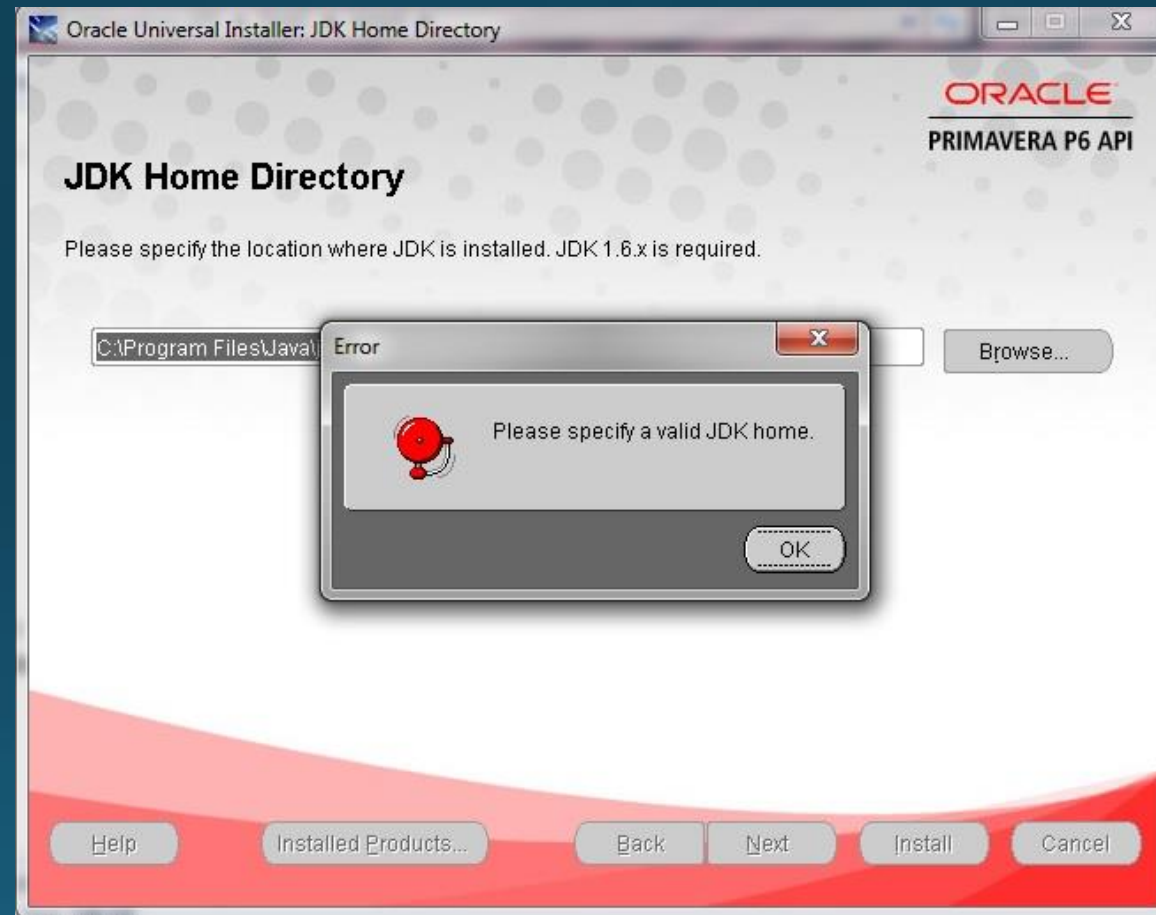
Step 24 – Select the following components, if you wish, and click **Next** to continue.



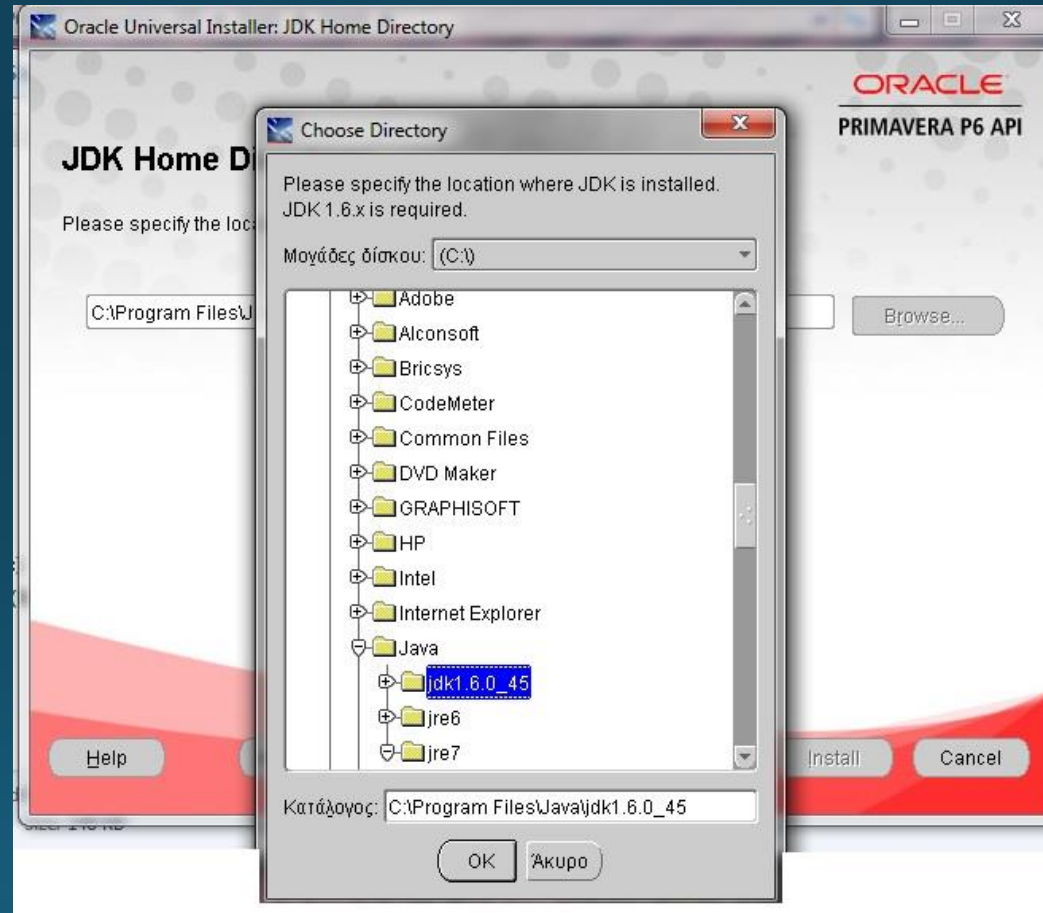
# Loading Integration API Server Side Components.



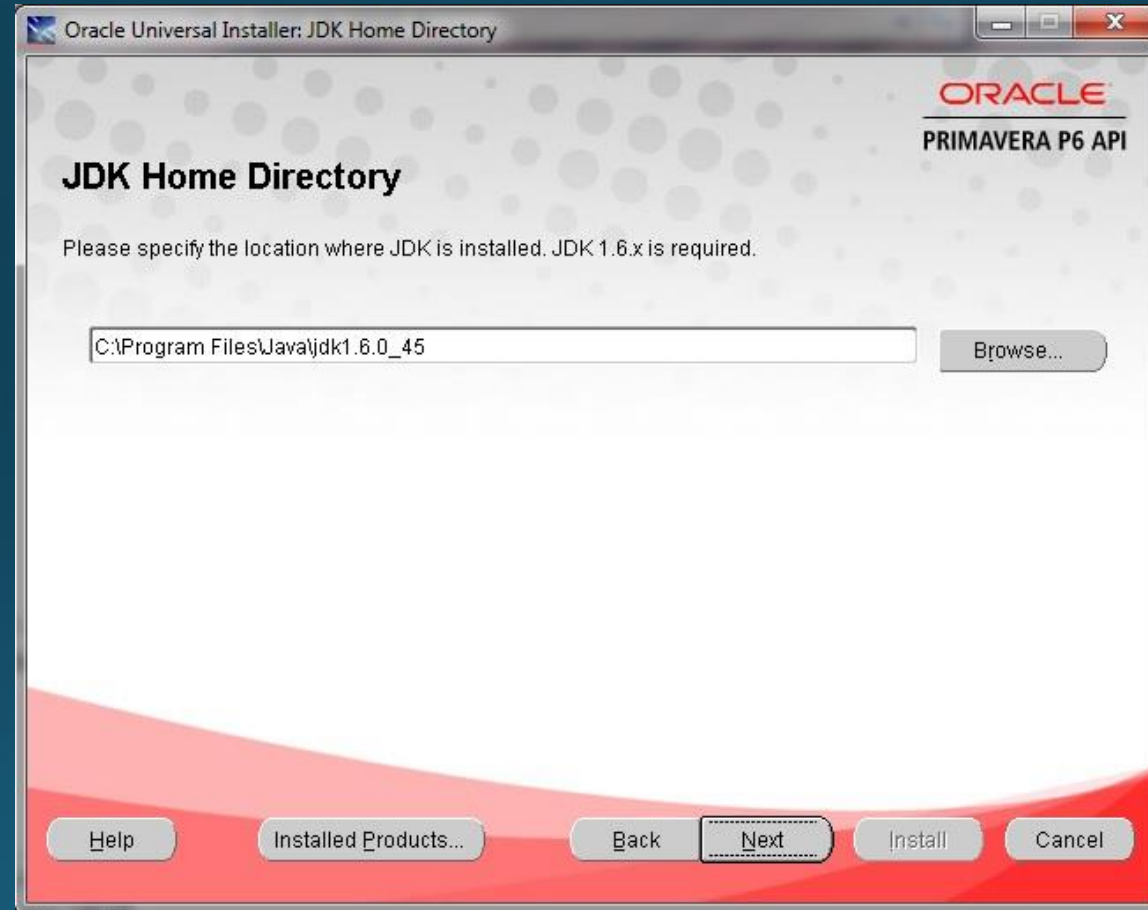
Step 25 – Probably when you reach at this step and click Next, you will get the following error. Don't be afraid, don't cancel anything. Relax and try to find the correct path for JDK 1.6.x. If you don't have JDK 1.6.x already installed in your pc, search it in the WEB and download it. It is for free! Then continue from this step.



Step 26 – Try to find the path for JDK and click **OK**.

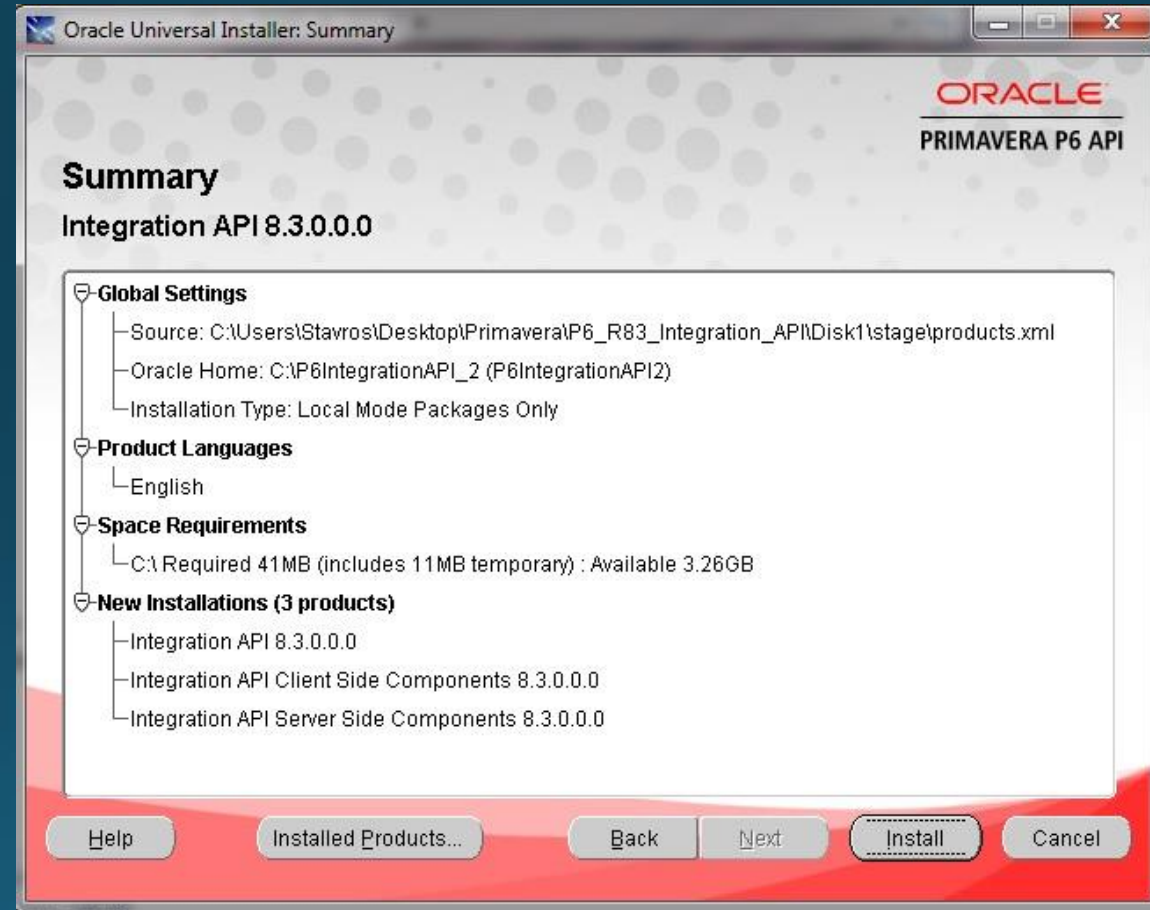


Step 27 – Click **Next** to continue.

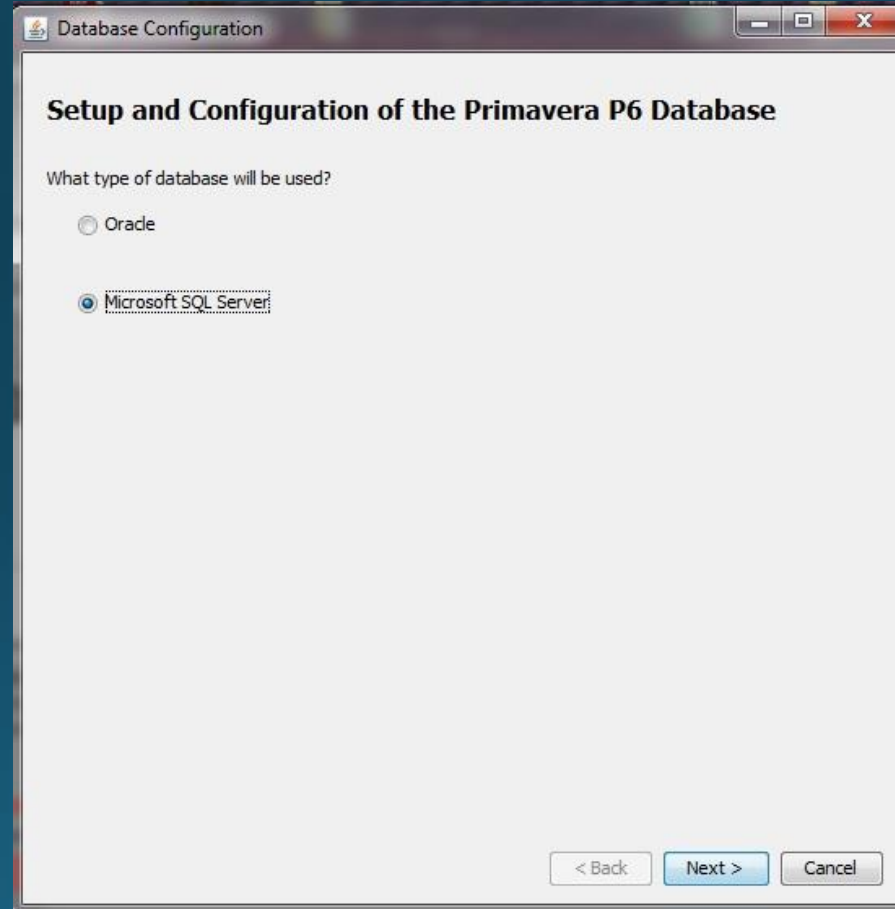




# Step 28 – Click Install



## Step 29 – Select type of Database and click **Next**



Step 30 – Fill in with SQL credentials, hostname and instance's Port and click **Next**.

Please enter the following information for connecting to the database:

Username:  
sa

Password:  
•••••

Public Group Id:  
1

Default URL/Driver

Database Name:  
PMDB

Database Host Address: localhost      Database Host Port: 12000

SSL

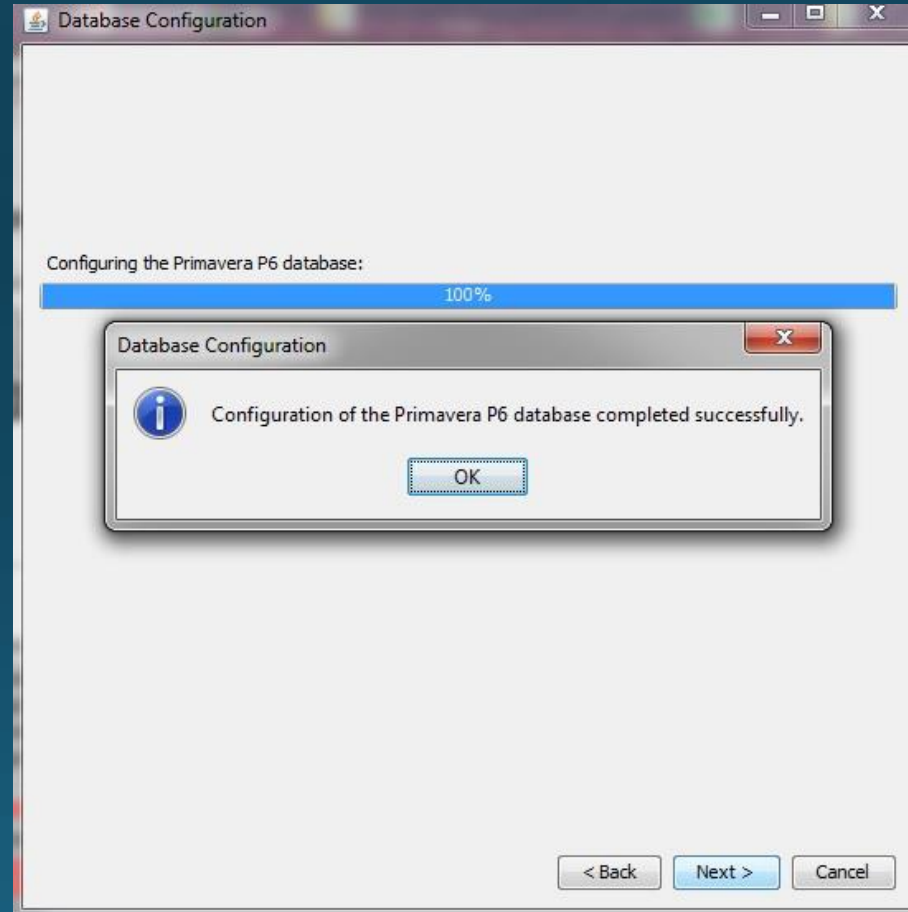
Custom URL/Driver

Driver Class:  
\_\_\_\_\_

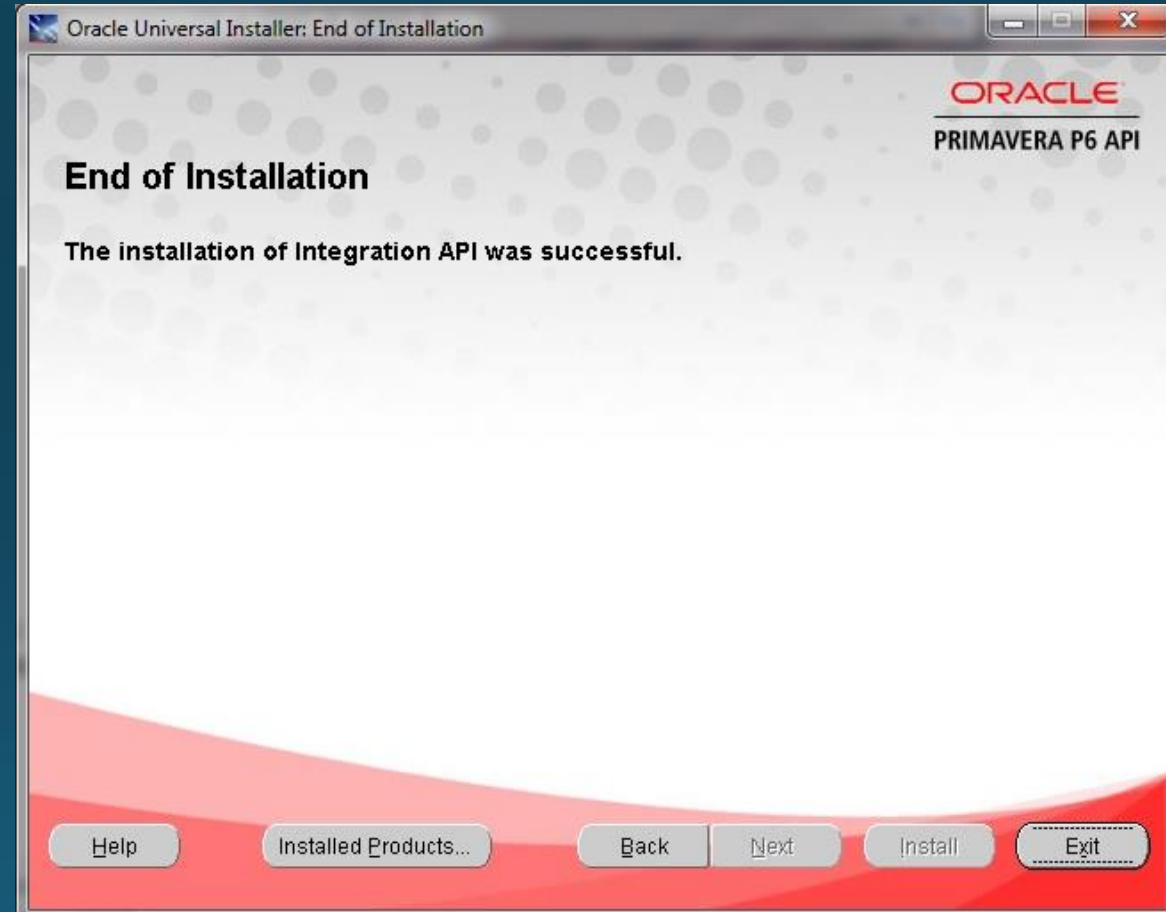
URL:  
\_\_\_\_\_

< Back    Next >    Cancel

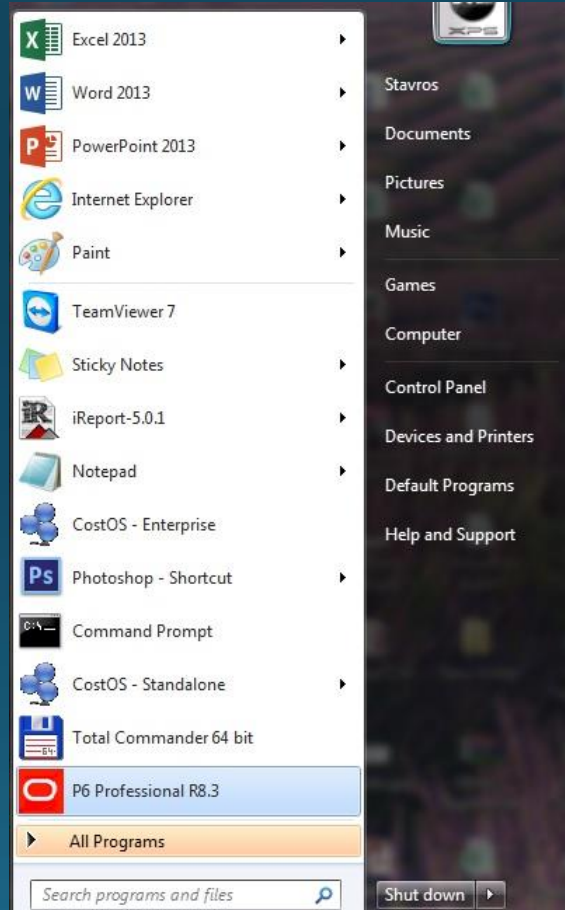
# Configuring the Primavera P6 database.



# Step 31 – End of installation. Click Exit!



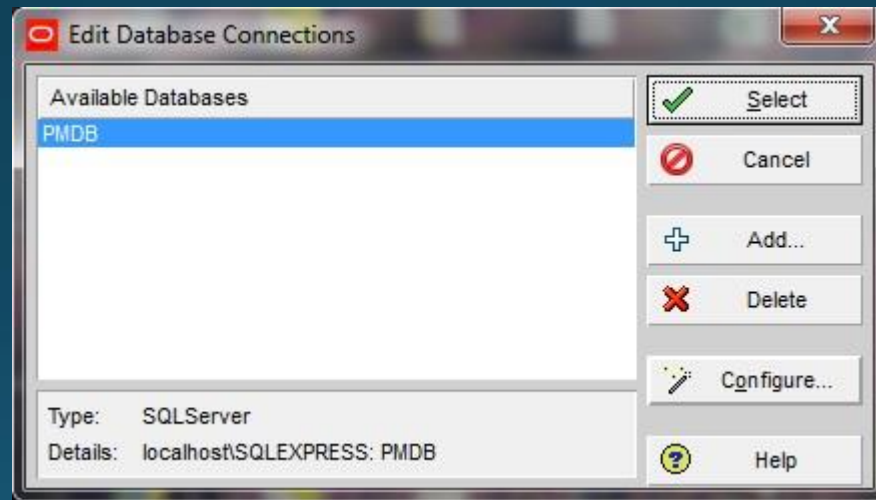
# Step 32 – Open Primavera P6.



Step 33 – Click on the dots.



## Step 34 – Select Configure.





Step 35 – Select or create alias, select Driver Type and click **Next**.

Primavera P6 Professional R8.3

### Database Configuration

#### Select or Create Alias

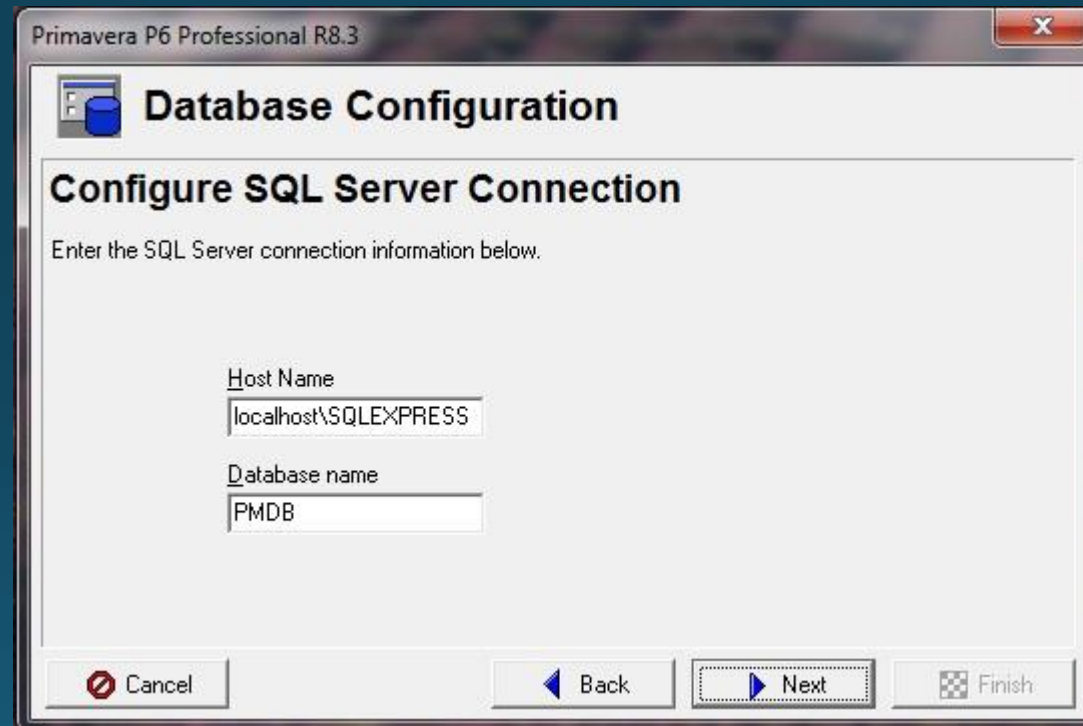
Select an existing database alias, or enter a new database alias name to be created. If you are configuring a connection for the first time, select your database driver type using the list of driver types below. If you are not sure which alias or driver type to use, contact your administrator.

Database alias  
PMD8

Driver type  
Microsoft SQL Server/SQL Express

Cancel Back Next Finish

Step 36 – Specify the hostname again and click **Next**.



Primavera P6 Professional R8.3





### Database Configuration

#### Configure SQL Server Connection

Enter the SQL Server connection information below.

Host Name  
localhost\SQLEXPRESS

Database name  
PMDB

 Cancel  Back  Next  Finish

## Step 37 – Fill in with SQL credentials and click **Next**

Primavera P6 Professional R8.3

### Database Configuration

#### Enter Public Login Information

Enter the public username and password to use for connecting to this database. The public login is used to establish the initial connection to the application's database. It should be given to you by your administrator.

Also, specify which public group id you have been assigned. If you are not sure which public login or group id to use, please contact your administrator.

Database Alias  
PMDB

Username Password Public group ID  
sa \* 1

Cancel Back Next Finish

Step 38 – Follow the instructions in the image and click **Next** to continue.

Primavera P6 Professional R8.3

### Database Configuration

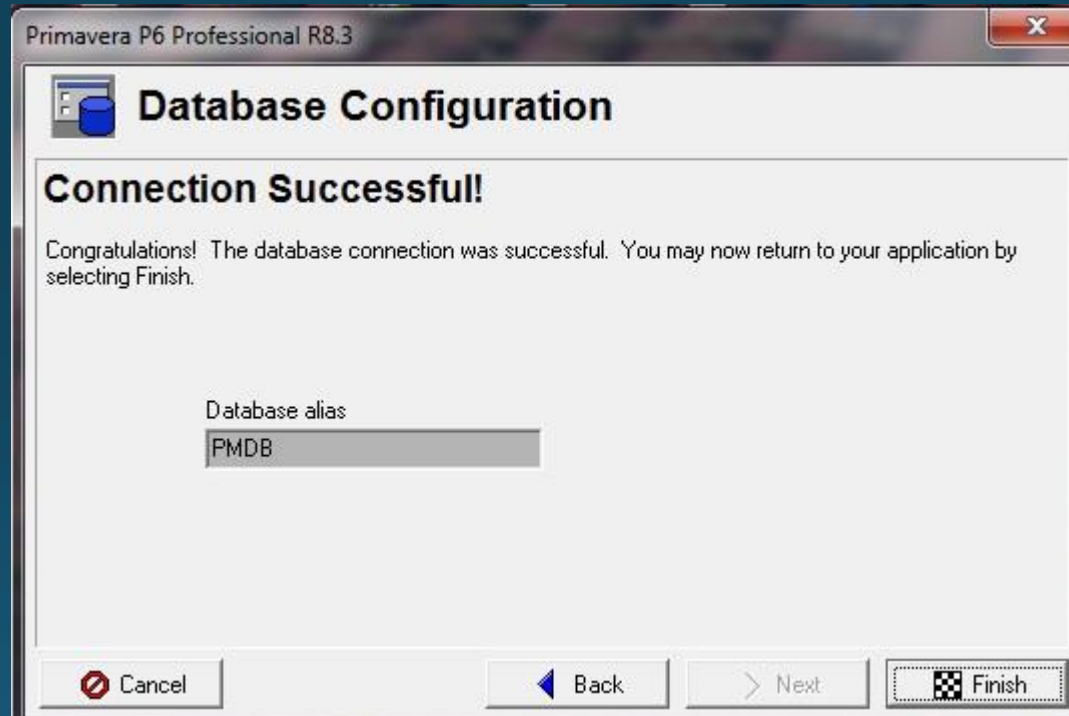
#### Validate Database Connection

Now you are ready to validate the settings for this alias. If any settings are incorrect, you can go back to change them.

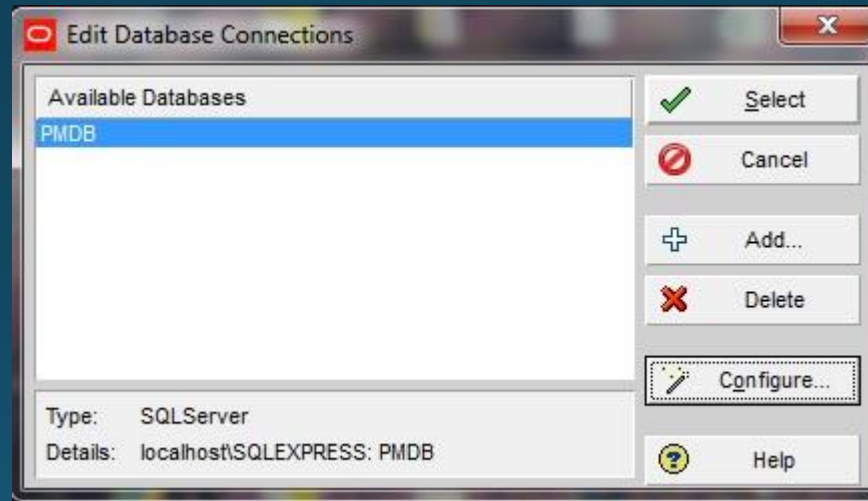
Database alias	PMDB
Username	admin
Public group id	1

Click Next to test the database connection.

## Step 39 – Click Finish.



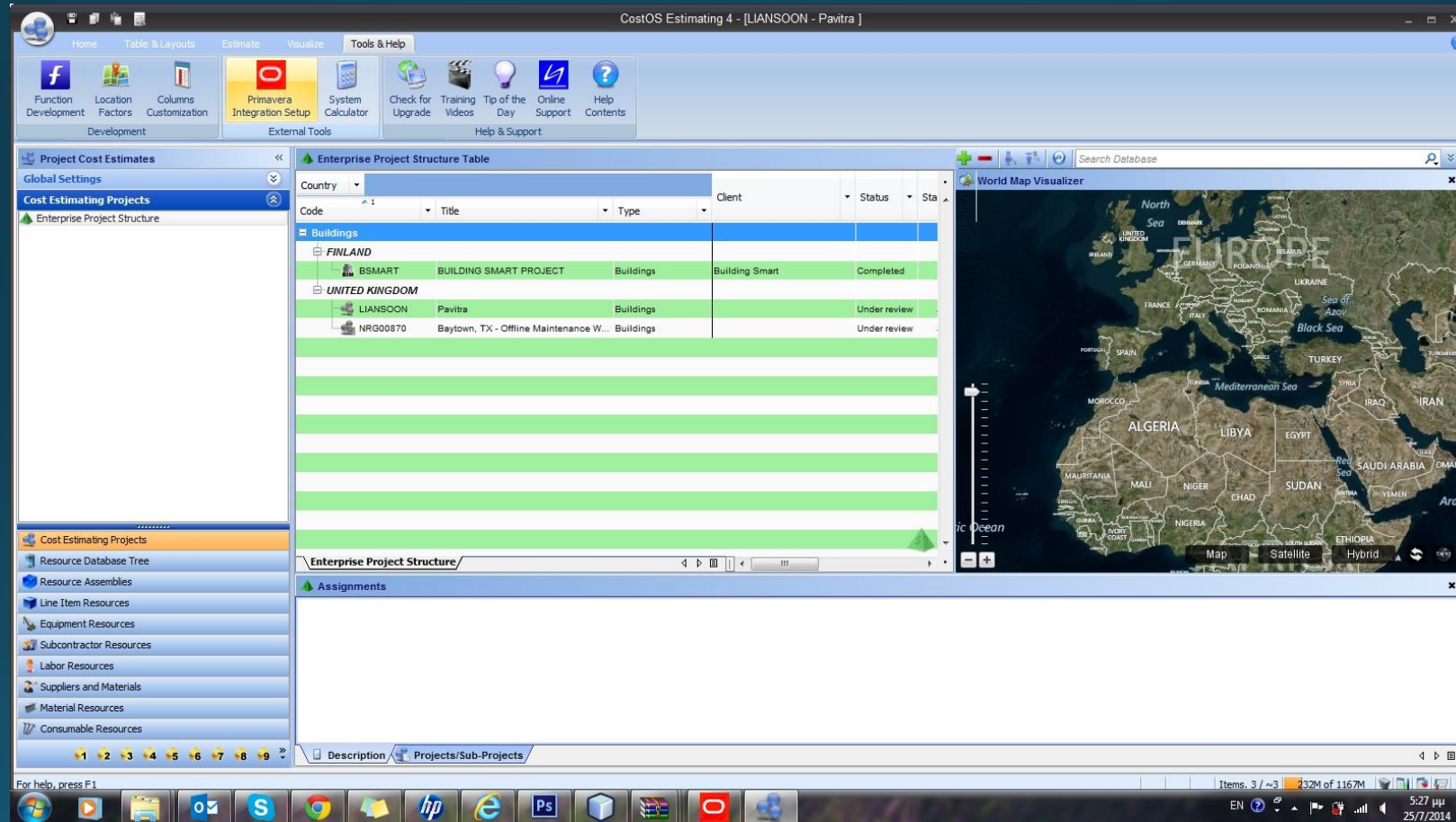
Step 40 – Click Select.



Step 41 – Click **OK**.



# Step 42 – Open CostOS and from Tools & Help Tab, select Primavera Integration Setup.





## Step 43 – Click Select.

Primavera - CostOS Integration Setup

### Select Connectivity Method

Please select the calling method you wish to use to connect to Primavera, and the BREBootStrap.xml contained in the Installation folder of the Integration API.

Calling Method  Local  Remote

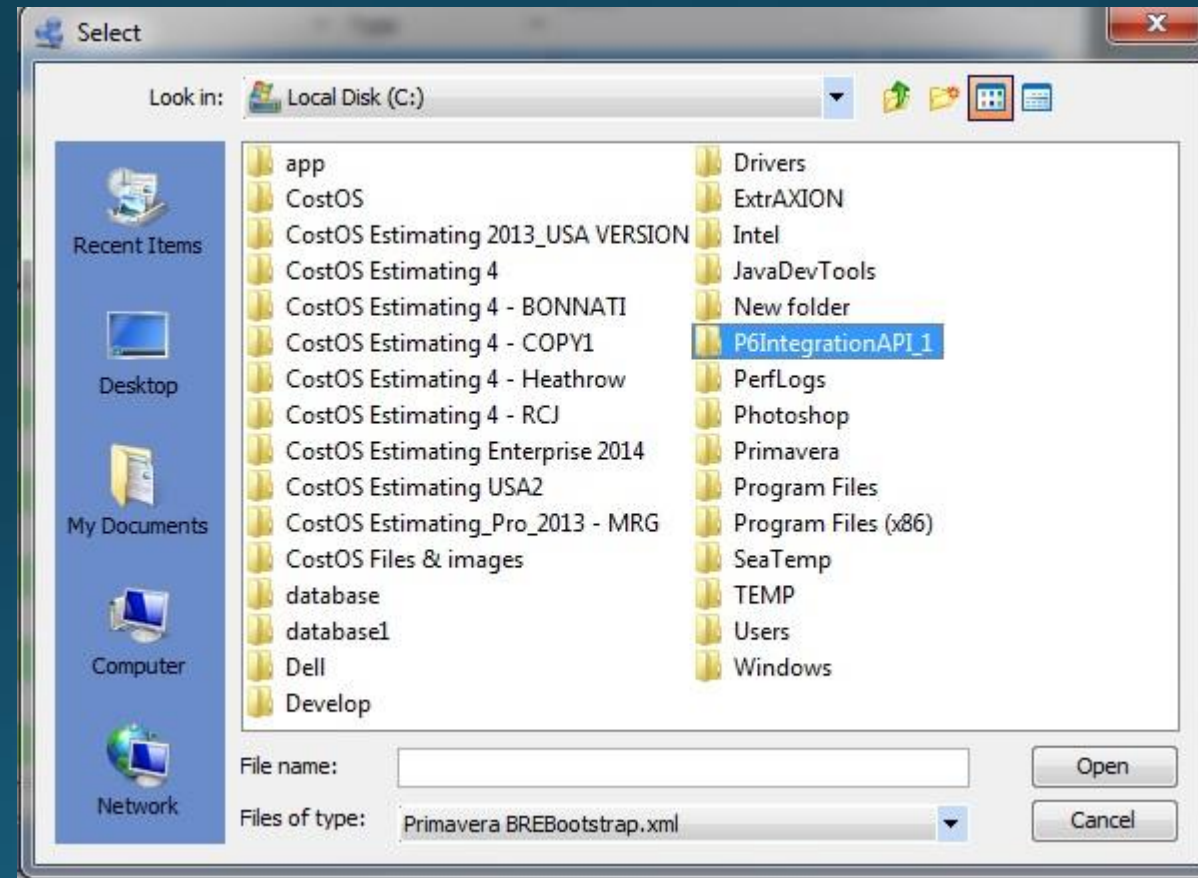
Server Host

Server Port

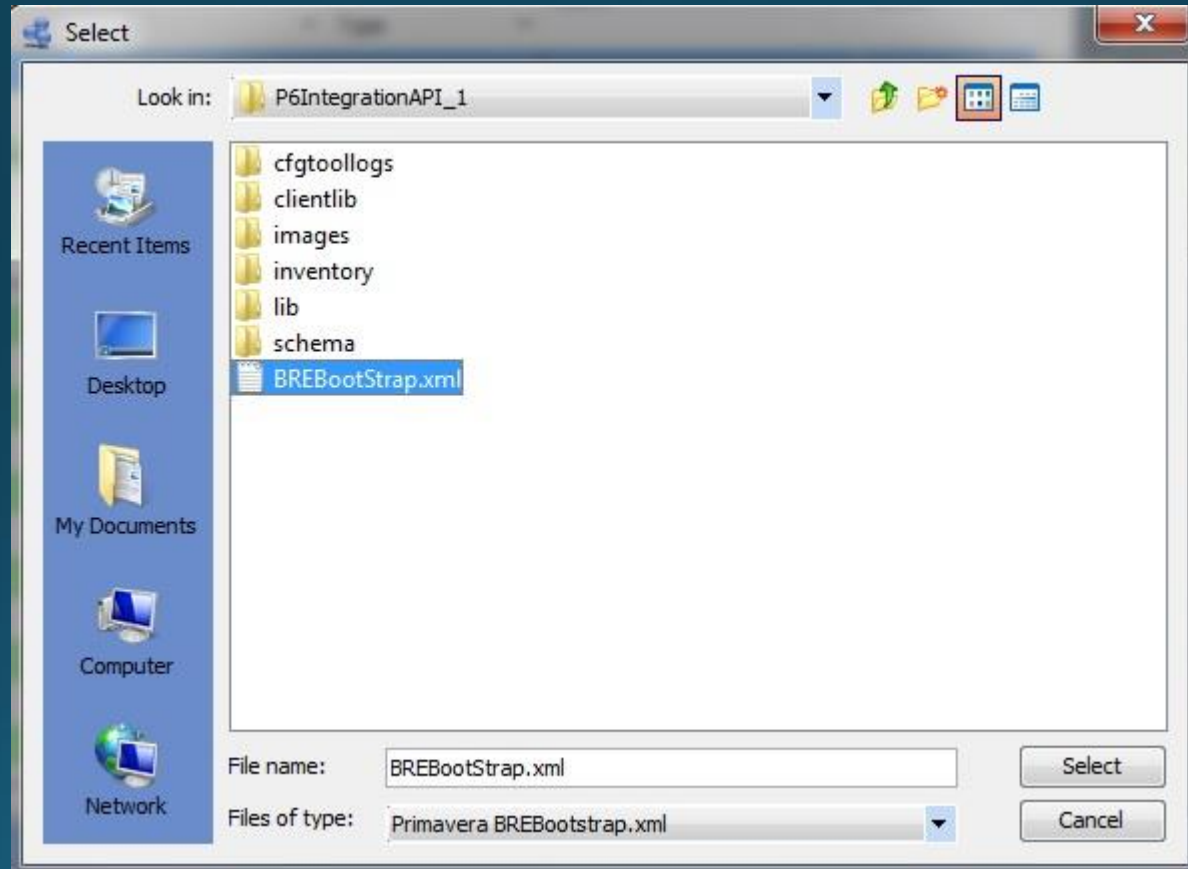
Service Type

C:\CostOS Estimating 4\lib\primavera\BREBootstrap.xml

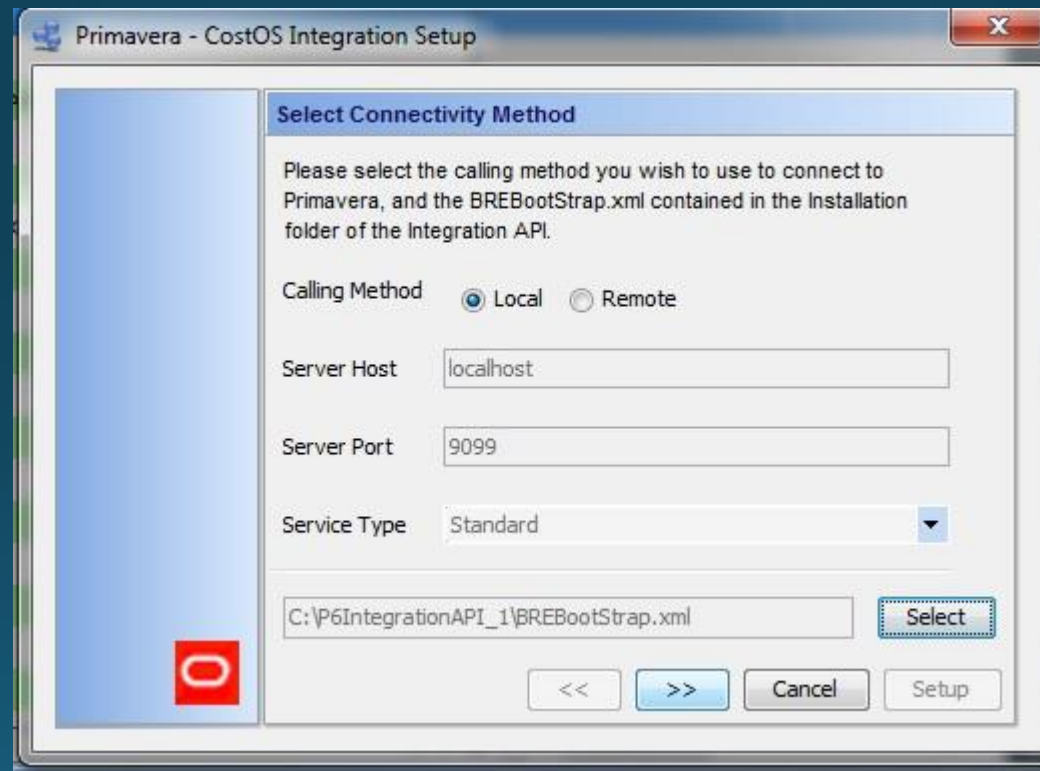
# Step 44 – Find P6IntegrationAPI\_1 in your C: Folder.



## Step 45 – Select BREBootStrap.xml and Continue.



Step 46 – Click the right arrow and continue.



Step 47 – Enter the Administrator’s Username and Password to connect to Primavera. Click the right arrow to continue.

Primavera - CostOS Integration Setup

**Enter Log-In Information**

Please enter an Administrator Username and Password to connect to Primavera, and press '>>' to continue.

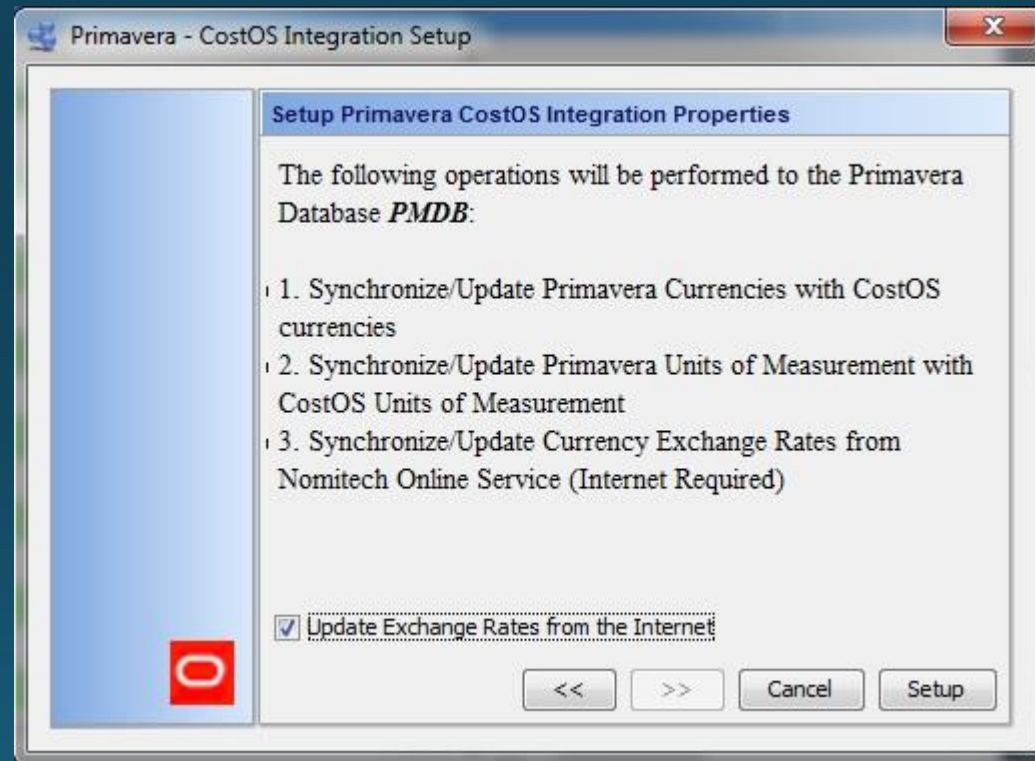
Username: admin

Password: ●●●●●

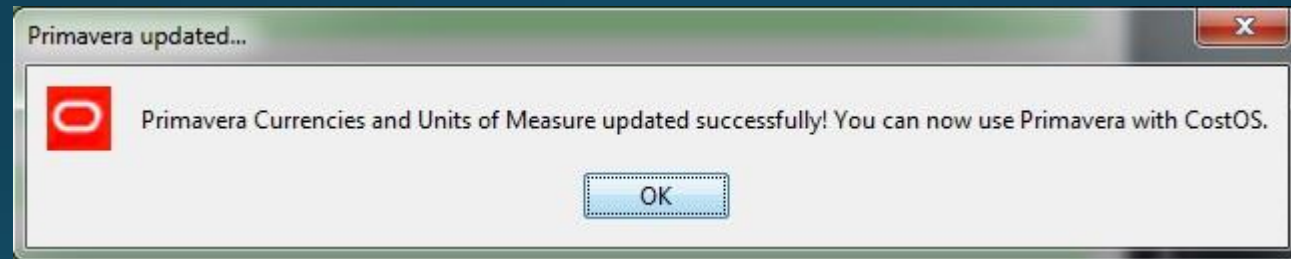
Database: PMDB

<< >> Cancel Setup

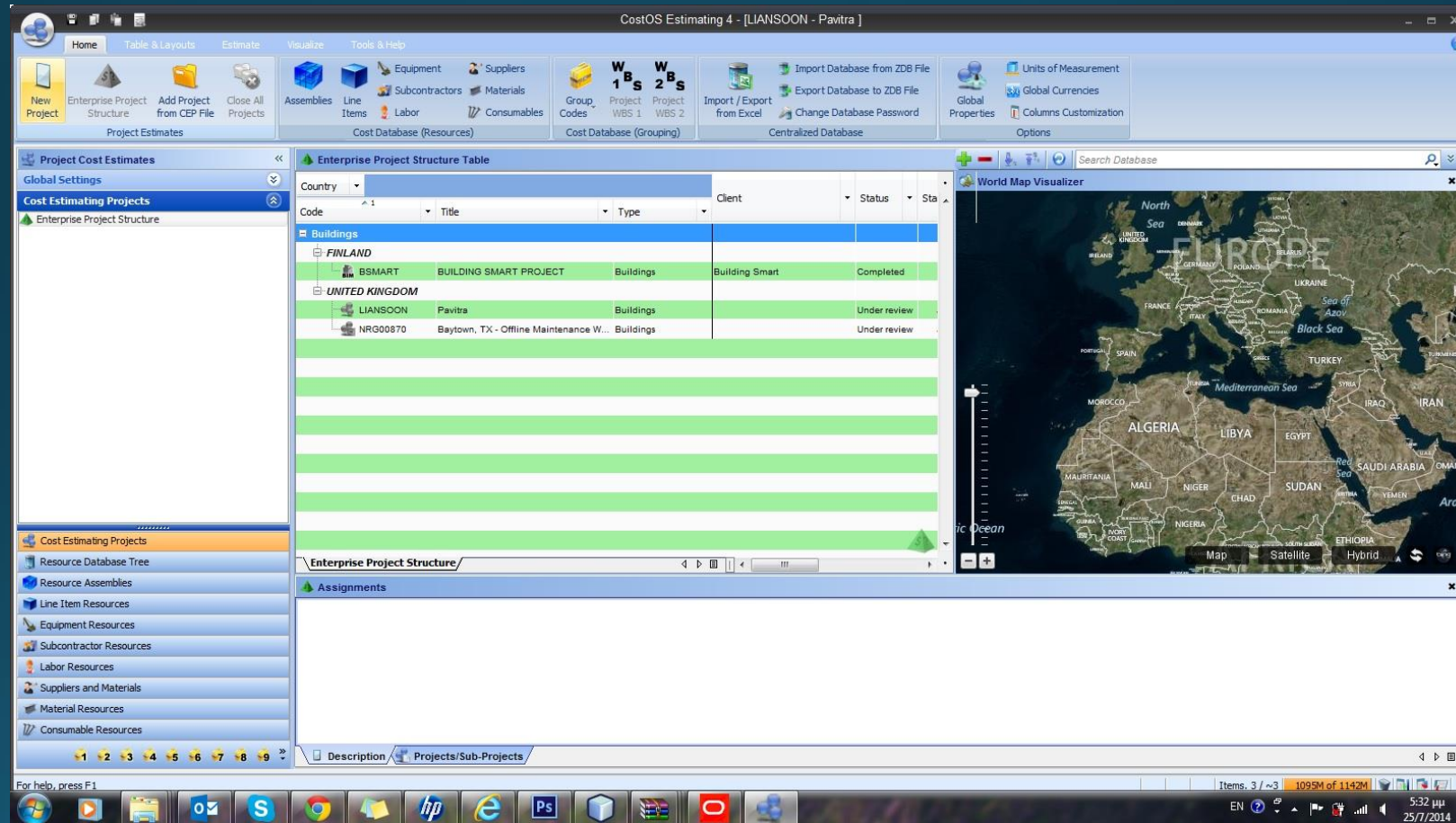
## Step 48 – Click Setup.



Step 49 – Click OK.

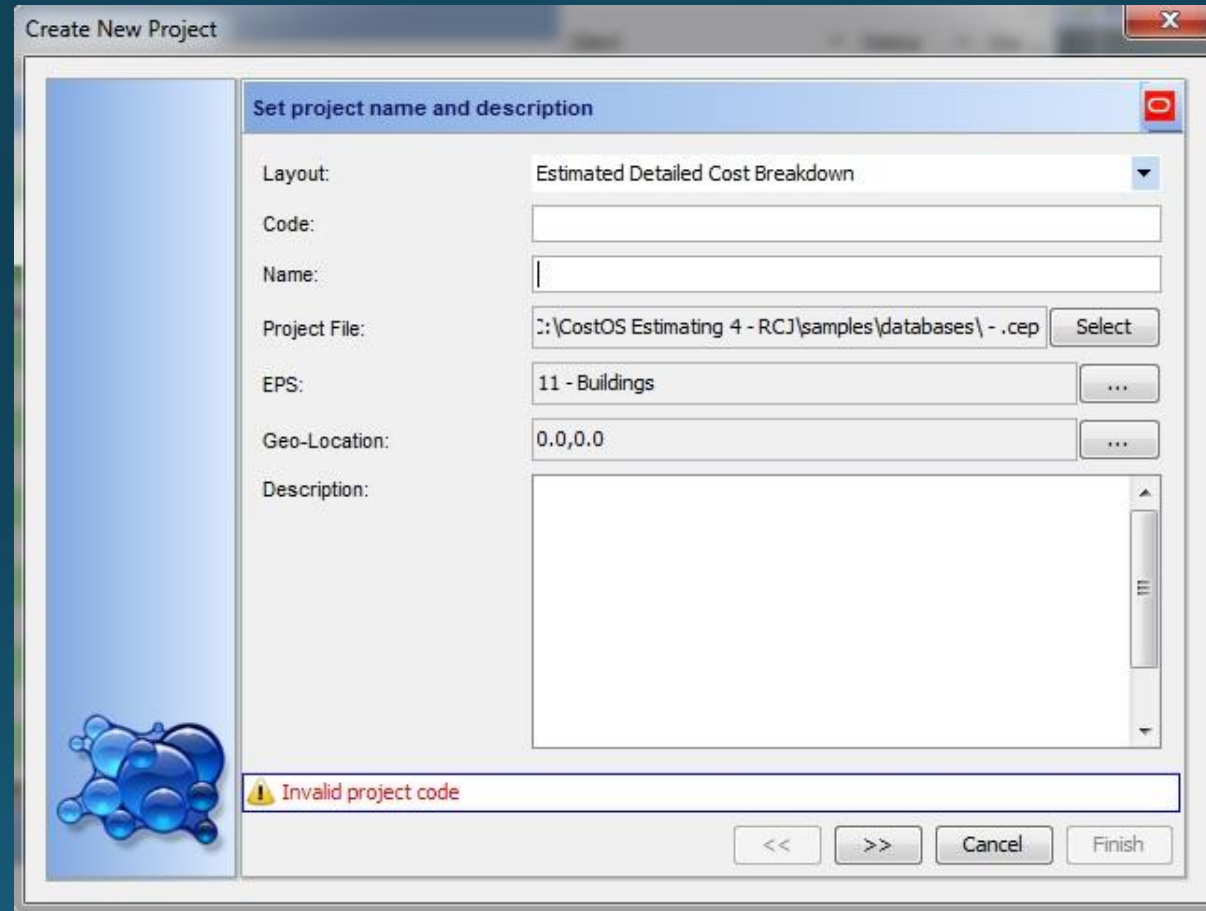


Step 50 – Let's load a project from Primavera. Select New Project from Home tab.





Step 51 – Click the Oracle icon up and right of the window.



Step 52 – Click the right arrow to continue.

Select Primavera Project to Import

Select Connectivity Method

Please select the calling method you wish to use to connect to Primavera, and press '>>' to continue.

Calling Method  Local  Remote

Server Host localhost

Server Port 9099

Service Type Standard

<< >> Cancel Select

Step 53 – Fill in with Username and password to connect to Primavera and click the right arrow.

Select Primavera Project to Import

**Enter Log-In Information**

Please enter your Username and Password to connect to Primavera, and press '>>' to continue.

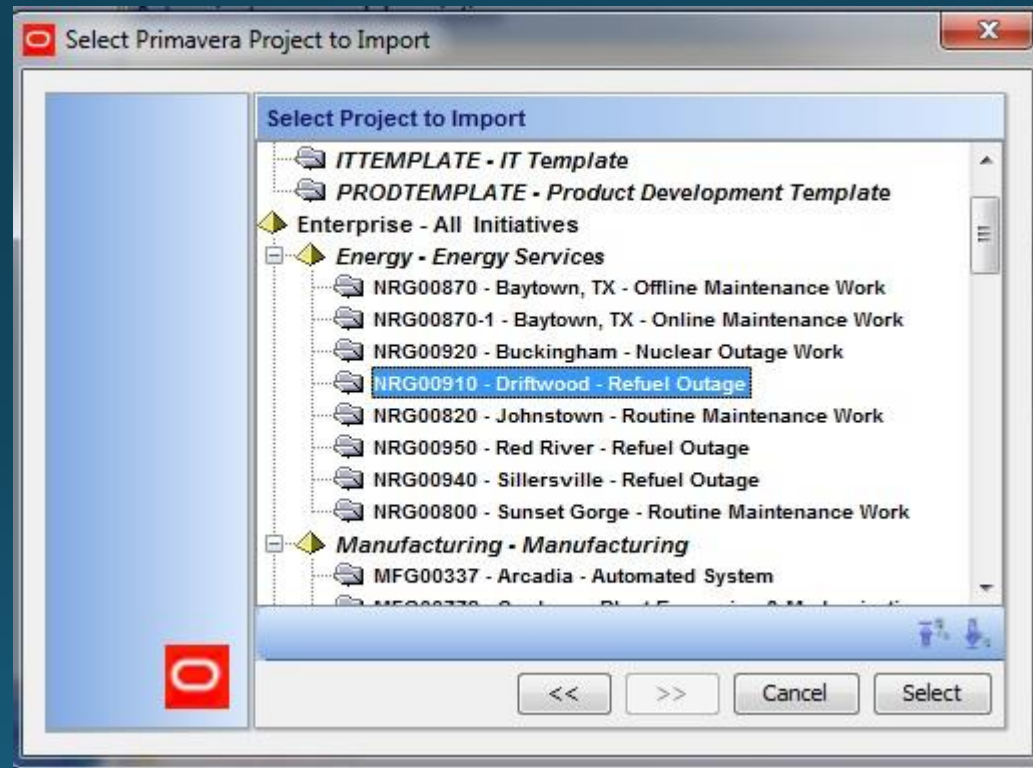
Username

Password

Database

<< >> Cancel Select

# Step 54 – Select the project that you wish



# Step 55 – Click Finish.

Create New Project

Set project name and description

Layout: Estimated Detailed Cost Breakdown

Code: NRG00910

Name: Driftwood - Refuel Outage

Project File: bases\NRG00910 - DRIFTWOOD - REFUEL OUTAGE.cep Select

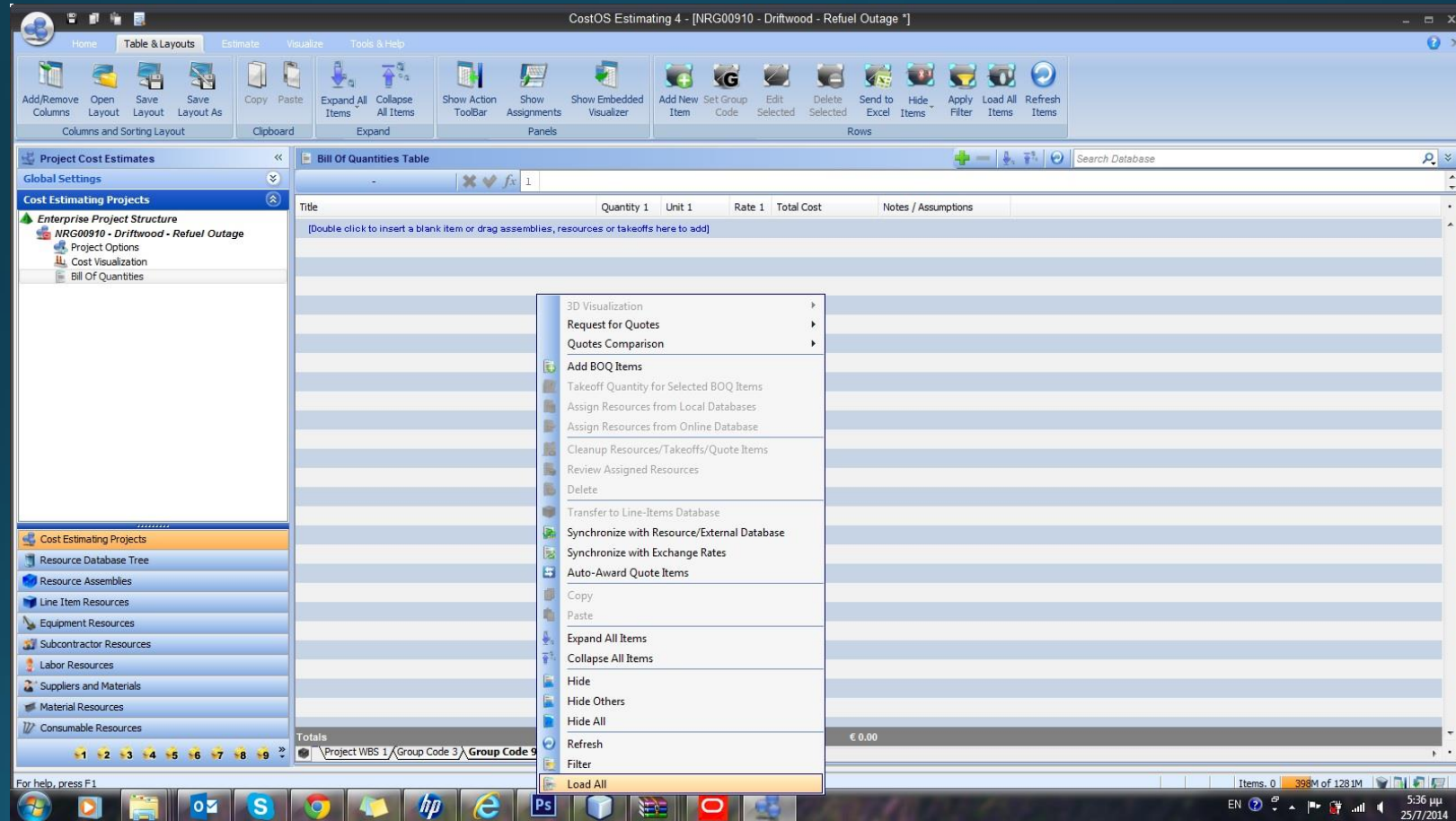
EPS: 11 - Buildings ...

Geo-Location: 0.0,0.0 ...

Description:

<< >> Cancel Finish

# Step 56 – Right click on the BoQ table and select **Load All**.



The items are loaded.

The screenshot displays the CostOS Estimating 4 software interface. The main window title is "CostOS Estimating 4 - [NRG00910 - Driftwood - Refuel Outage \*]". The interface includes a menu bar (Home, Table & Layouts, Estimate, Visualize, Tools & Help) and a toolbar with various icons for file operations and data management. On the left, a sidebar shows "Project Cost Estimates" and "Global Settings". The main area is titled "Bill Of Quantities Table" and contains a table with the following columns: Title, Quantity 1, Unit 1, Rate 1, Total Cost, and Notes / Assumptions. The table is organized into units (Unit 1, Unit 2, Unit 3) and lists various tasks such as "E-102 Install Floating Head", "E-102 Install Bowl", "E-102 Hydro Test Shell Side", "E-102 Install Front Plate", "E-102 Hydro Test Tube Side", "E-102 Pull Blinds and Remove LOTO per Operatics", and "E-102 Inspection by QA/QC". The total cost for all items is shown as € 0.00. The bottom status bar indicates "Project WBS 1 / Group Code 3 / Group Code 9 / Custom" and "Items: 15 / 46 MB of 128 MB".

Title	Quantity 1	Unit 1	Rate 1	Total Cost	Notes / Assumptions
1				€ 0.00	
Unit 2				€ 0.00	
E-102 Install Floating Head	0.00	EA	0.00	€ 0.00	
E-102 Install Bowl	0.00	EA	0.00	€ 0.00	
E-102 Hydro Test Shell Side	0.00	EA	0.00	€ 0.00	
E-102 Install Front Plate	0.00	EA	0.00	€ 0.00	
E-102 Hydro Test Tube Side	0.00	EA	0.00	€ 0.00	
E-102 Pull Blinds and Remove LOTO per Operatics	0.00	EA	0.00	€ 0.00	
E-102 Inspection by QA/QC	0.00	EA	0.00	€ 0.00	
Unit 3				€ 0.00	
E-103 Install Channel	0.00	EA	0.00	€ 0.00	
E-103 Install Floating Head	0.00	EA	0.00	€ 0.00	
E-103 Install Bowl	0.00	EA	0.00	€ 0.00	
E-103 Hydro Test Shell Side	0.00	EA	0.00	€ 0.00	
E-103 Install Front Plate	0.00	EA	0.00	€ 0.00	
E-103 Hydro Test Tube Side	0.00	EA	0.00	€ 0.00	
E-103 Pull Blinds and Remove LOTO per Operatics	0.00	EA	0.00	€ 0.00	
E-103 Inspection by QA/QC	0.00	EA	0.00	€ 0.00	
Totals				€ 0.00	