

Oracle Installation Guide

Oracle Database is a relational database management system (RDBMS) developed and marketed by Oracle Corporation, one of the world's largest software and cloud computing companies. It is a powerful and widely used database system known for its reliability, scalability, and advanced features. Oracle Database is commonly used in enterprise environments and is designed to handle large volumes of data and complex business applications.

Oracle Database features

Oracle Database allows you to quickly and safely store and retrieve data. Here are the integration benefits of the Oracle Database:

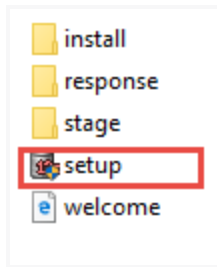
- Oracle Database is cross-platform. It can run on various hardware across operating systems including Windows Server, Unix, and various distributions of GNU/Linux.
- Oracle Database has its networking stack that allows application from a different platform to communicate with the Oracle Database smoothly. For example, applications running on Windows can connect to the Oracle Database running on Unix.
- ACID-compliant – Oracle is ACID-compliant Database that helps maintain data integrity and reliability.
- Commitment to open technologies – Oracle is one of the first Database that supported GNU/Linux in the late 1990s before GNU/Linux become a commerce product. It has been supporting this open platform since then.

Installing Oracle Database

To install the Oracle database on your computer, you need to download the installer from the download page of the Oracle website.

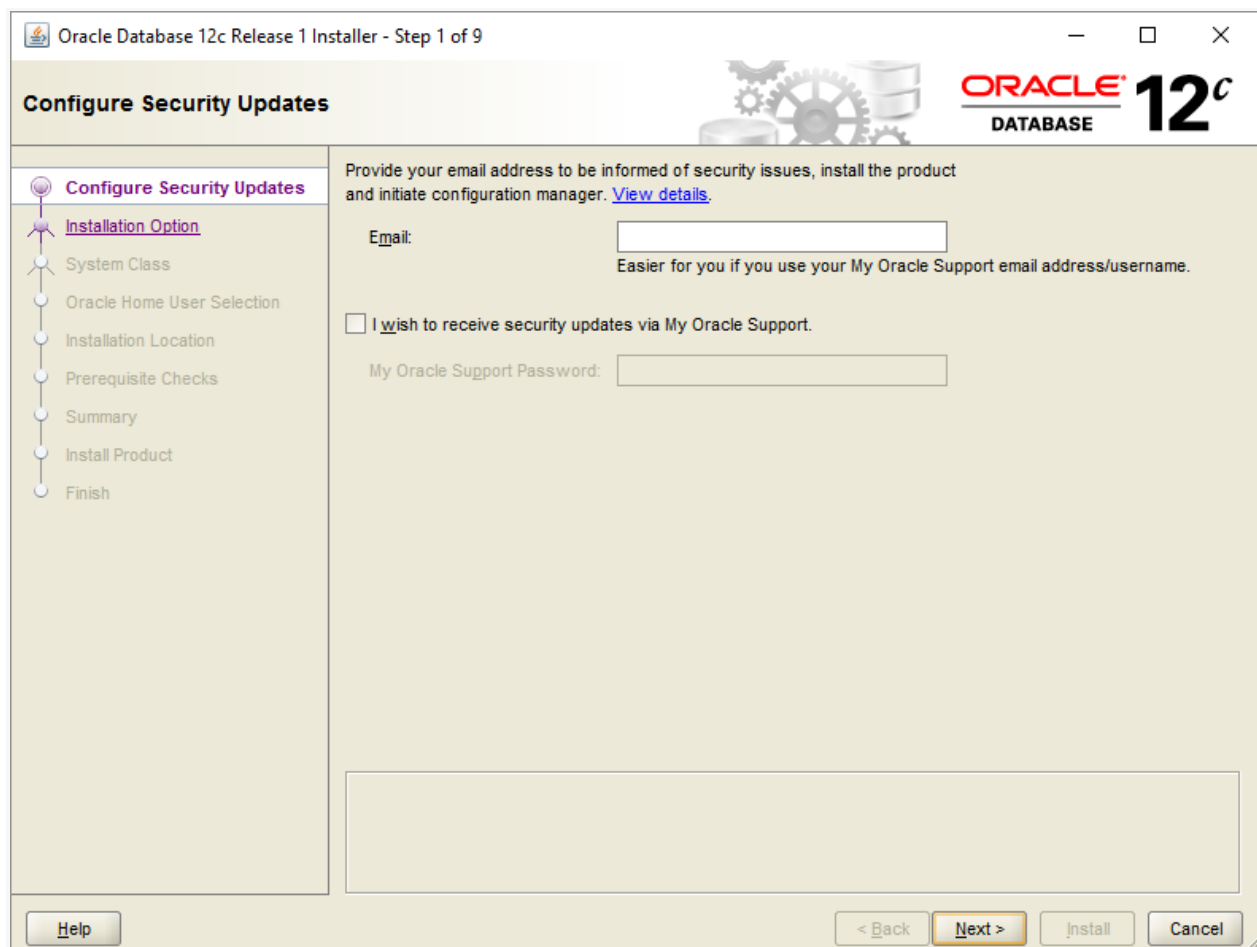
After having the installation files which are in ZIP format, you need to extract them into a specific folder on your computer.

The following picture shows the structure of the folder of the Oracle installation files after extraction.

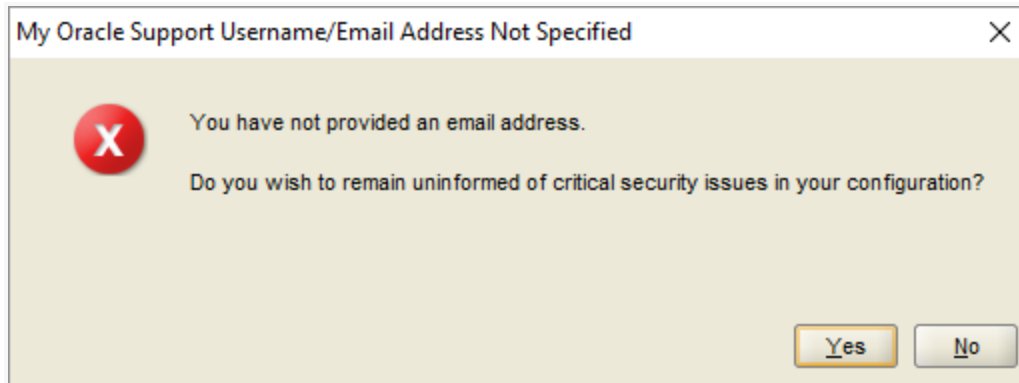


Now you need to double-click the setup.exe file to start the installation process. There will be 9 steps that mostly automatically execute.

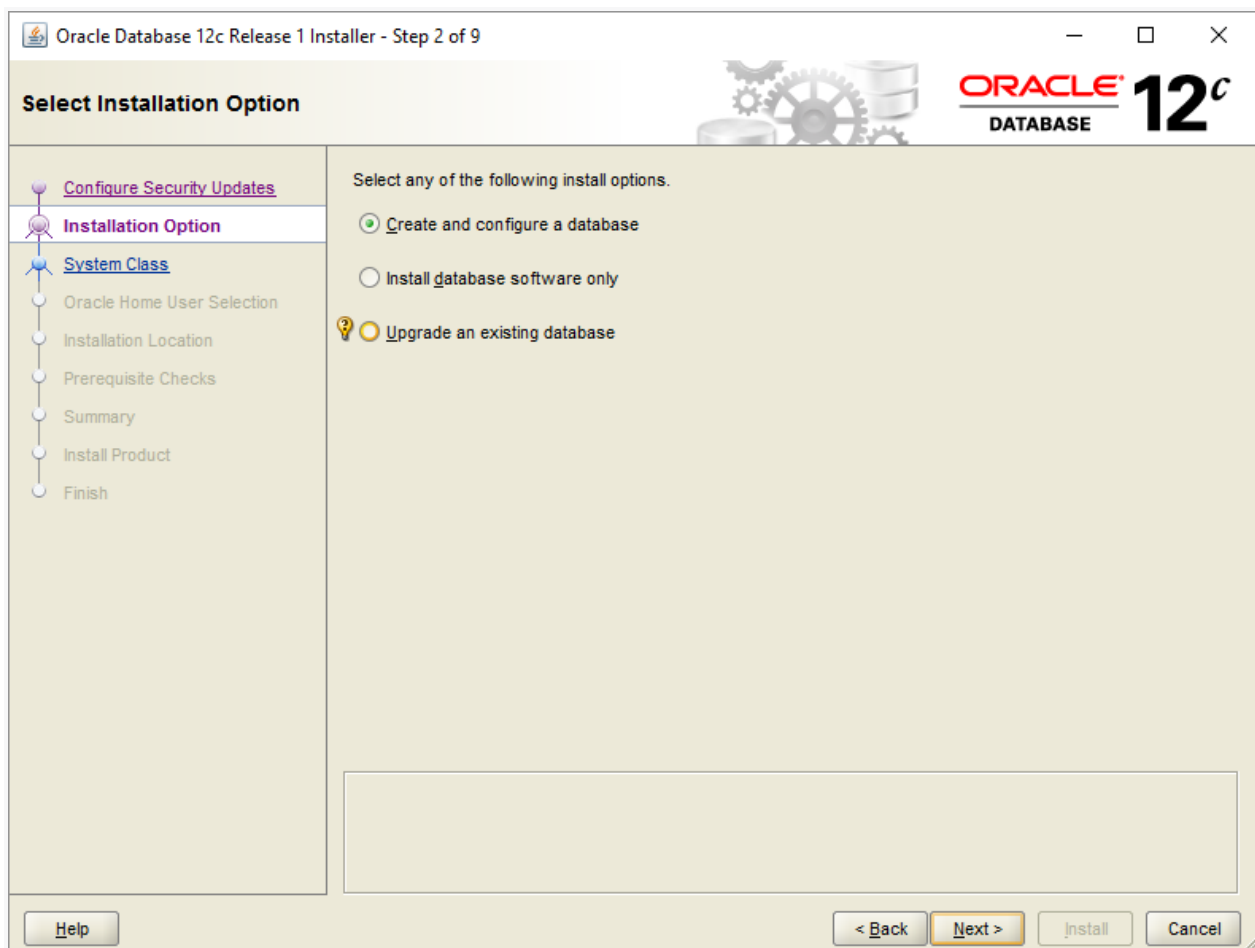
Step 1. The installer asks you to provide your email address to get the latest security issues and updates. You can ignore it by clicking the Next button:



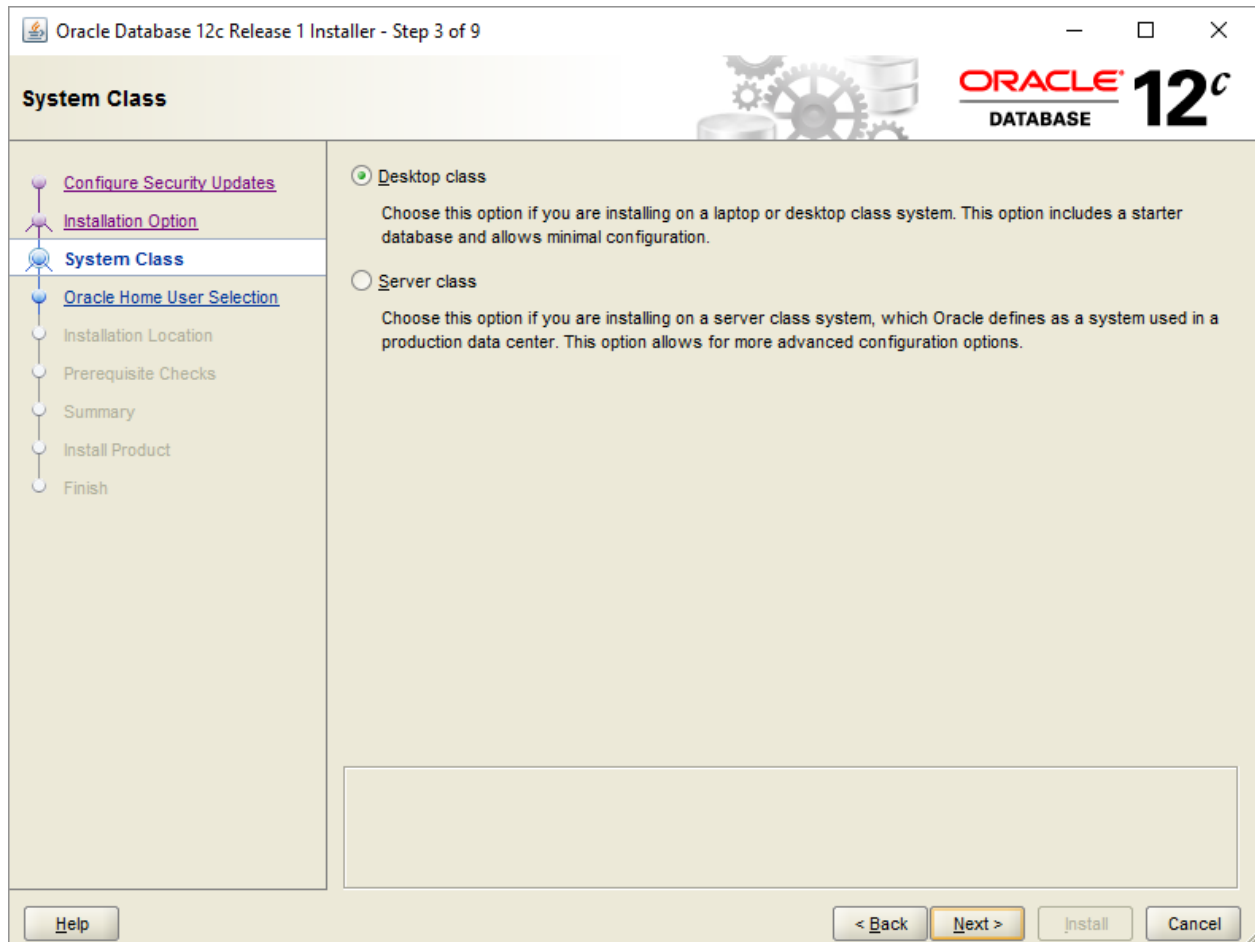
Because I didn't provide the email address, the Oracle database installer confirm it, you just need to click the No button to continue.



Step 2. In step 2, the Oracle installer asks you whether you want to create and configure a database, install database software only, or just upgrade an existing database. Because you install the Oracle database for the first time, choose option 1 and click the Next button.



Step 3. The installer allows you to choose the system class. Because you install Oracle on your computer, not a server, therefore, you choose the first option: desktop-class and click the Next button.



Step 4. This step allows you to specify the Windows user account to install and configure Oracle Home for enhanced security. Choose the third option: “Use Windows Built-in Account”.

Oracle Database 12c Release 1 Installer - Step 4 of 9

Specify Oracle Home User

Oracle recommends that you specify a standard Windows User Account (not an Administrator account) to install and configure the Oracle Home for enhanced security. This account is used for running the Windows Services for the Oracle Home. Do not log in using this account to perform administrative tasks.

☐ Use Existing Windows User

User Name:

Password:

☐ Create New Windows User

User Name:

Password:

Confirm Password:

The newly created user is denied Windows logon privileges.

☒ Use Windows Built-in Account

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

Step 5. in this step you can (1) choose the folder on which Oracle database will be installed, (2) Global database name and password, (3) pluggable database name.

Oracle Database 12c Release 1 Installer - Step 5 of 9

Typical Install Configuration

Perform full database installation with basic configuration.

1

Configure Security Updates
Installation Option
System Class
Oracle Home User Selection
Typical Installation
Prerequisite Checks
Summary
Install Product
Finish

2

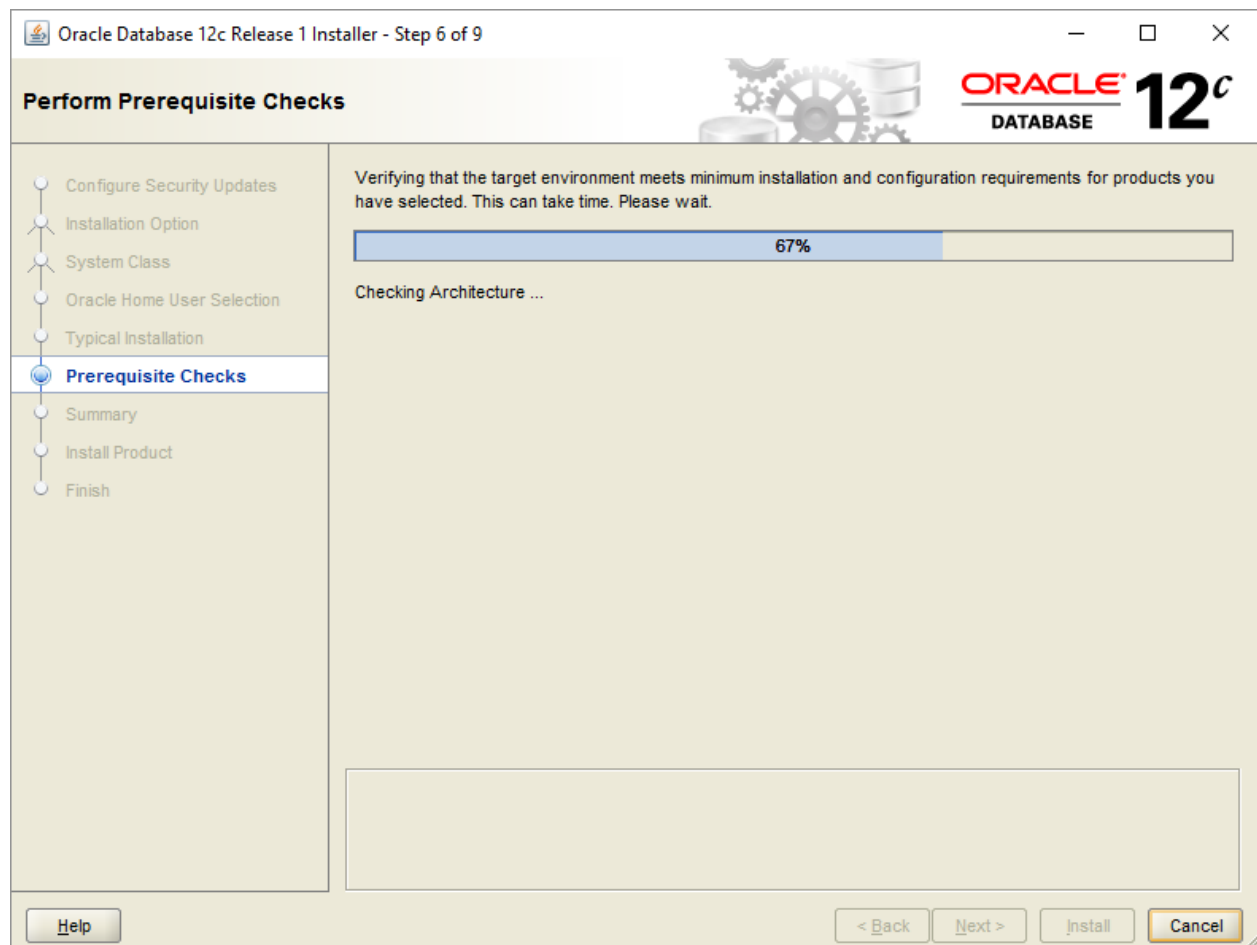
Oracle base: C:\app\ Browse...
Software location: C:\app\product\12.1.0\dbhome_1 Browse...
Database file location: C:\app\oradata Browse...
Database edition: Enterprise Edition (6.0GB)
Character set: Default (WE8MSWIN1252)

3

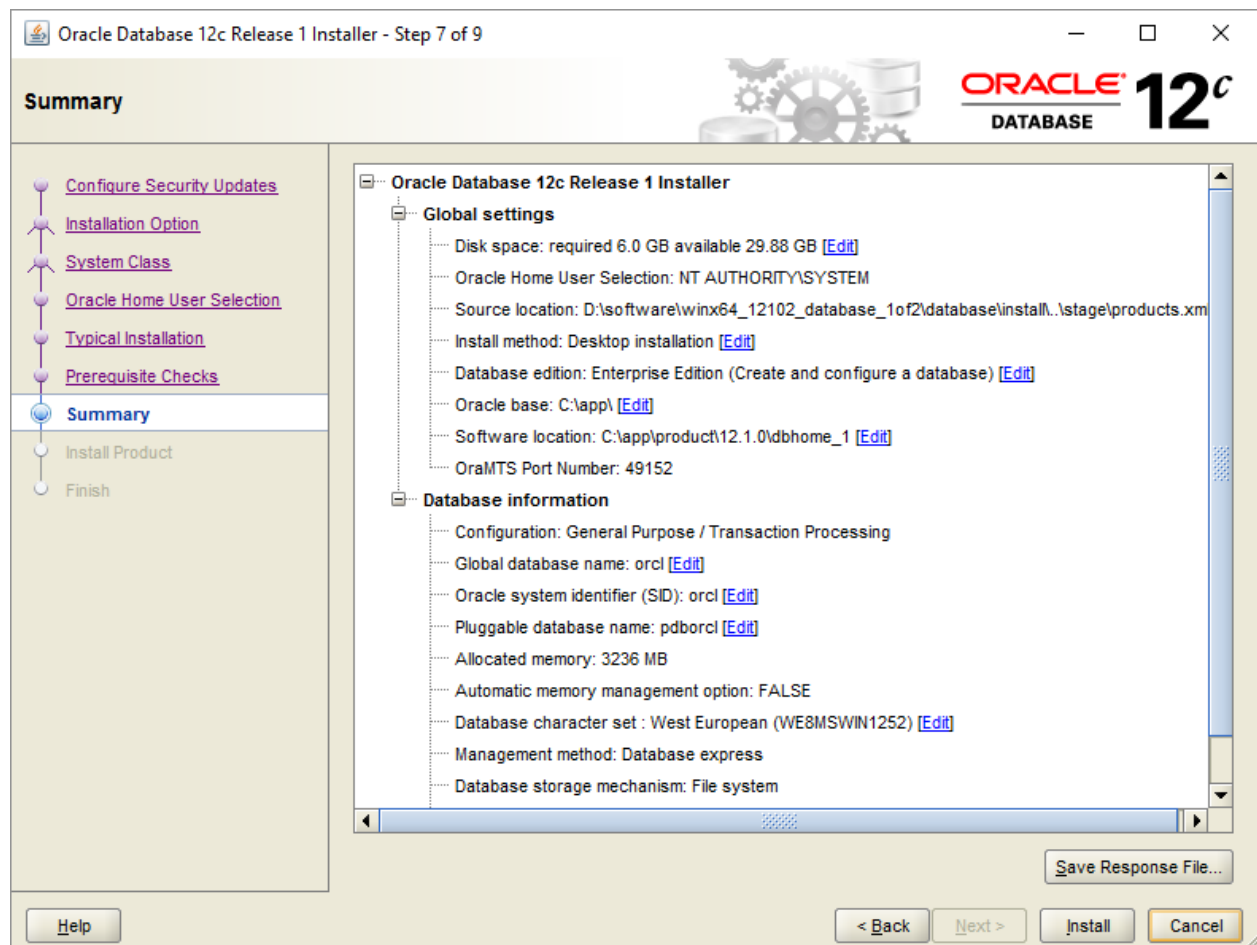
Global database name: orcl
Administrative password:
Confirm password:
☒ Create as Container database
Pluggable database name: pdborcl

Help < Back Next > Install Cancel

Step 6. The installer performs the prerequisite check.



Step 7. The installer shows you the summary of the information such as global settings, database information, etc. You need to review the information and click the install button if everything is fine.



Step 8. The installer starts installing the Oracle database. It will take a few minutes to complete, depending on your computer.



Install Product

- Configure Security Updates
- Installation Option
- System Class
- Oracle Home User Selection
- Typical Installation
- Prerequisite Checks
- Summary
- Install Product**
- Finish

Progress

0%

Central Inventory is not locked.

Status

✦ Oracle Database installation	In Progress
• Prepare	Pending
• Copy files	Pending
• Setup	Pending
Setup Oracle Base	Pending
Oracle Database configuration	Pending

Details

Retry

Skip

Help

< Back

Next >

Install

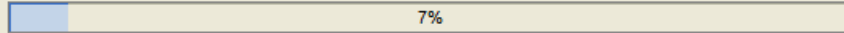
Cancel



Install Product

- Configure Security Updates
- Installation Option
- System Class
- Oracle Home User Selection
- Typical Installation
- Prerequisite Checks
- Summary
- Install Product**
- Finish

Progress



Status

✚	Oracle Database installation	In Progress
✓	• Prepare	Succeeded
	• Copy files	Pending
	• Setup	Pending
	Setup Oracle Base	Pending
	Oracle Database configuration	Pending

Details

Retry

Skip

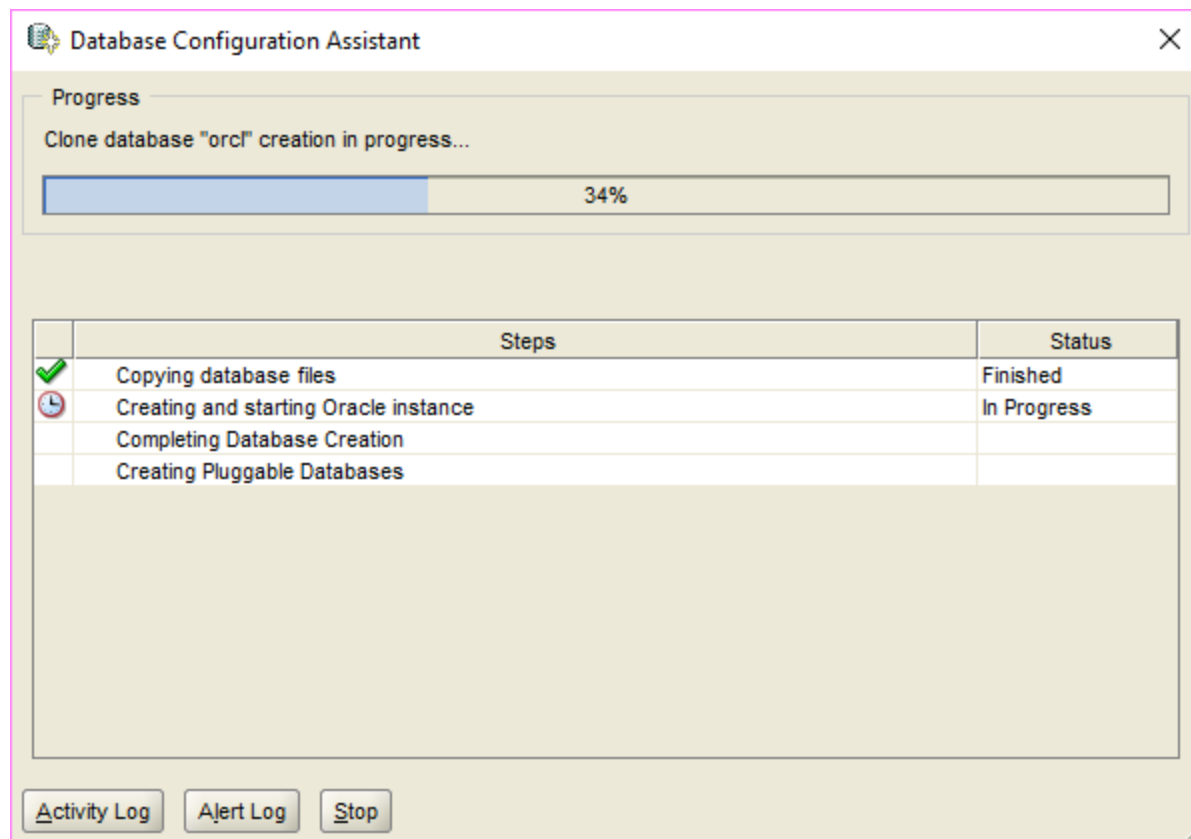
Help

< Back

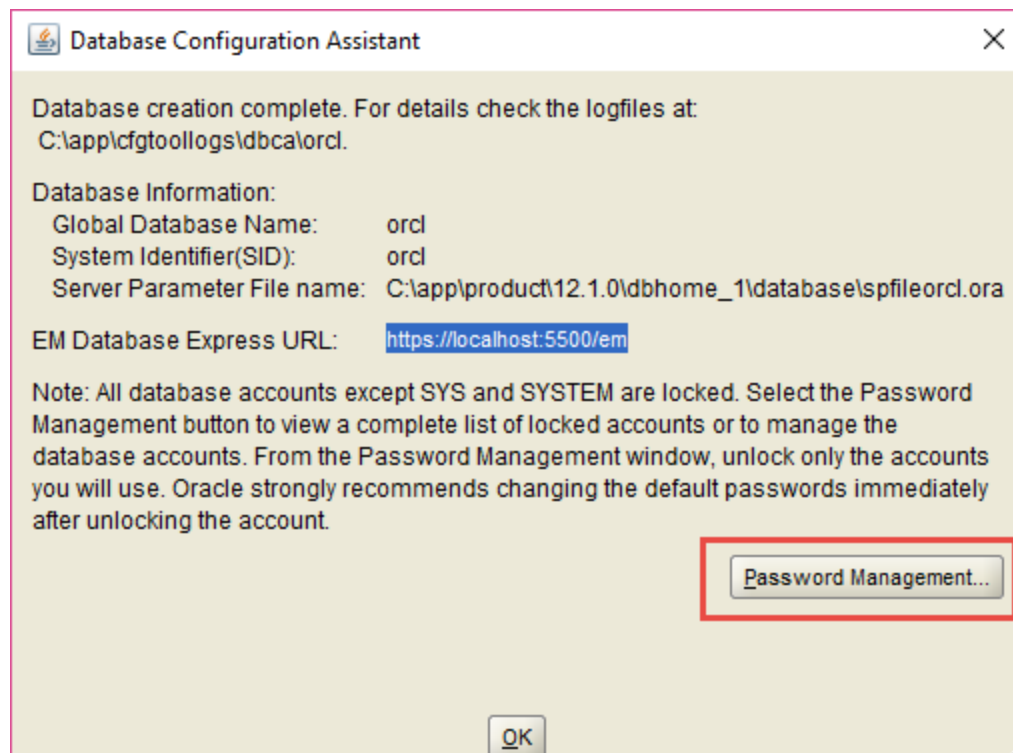
Next >

Install

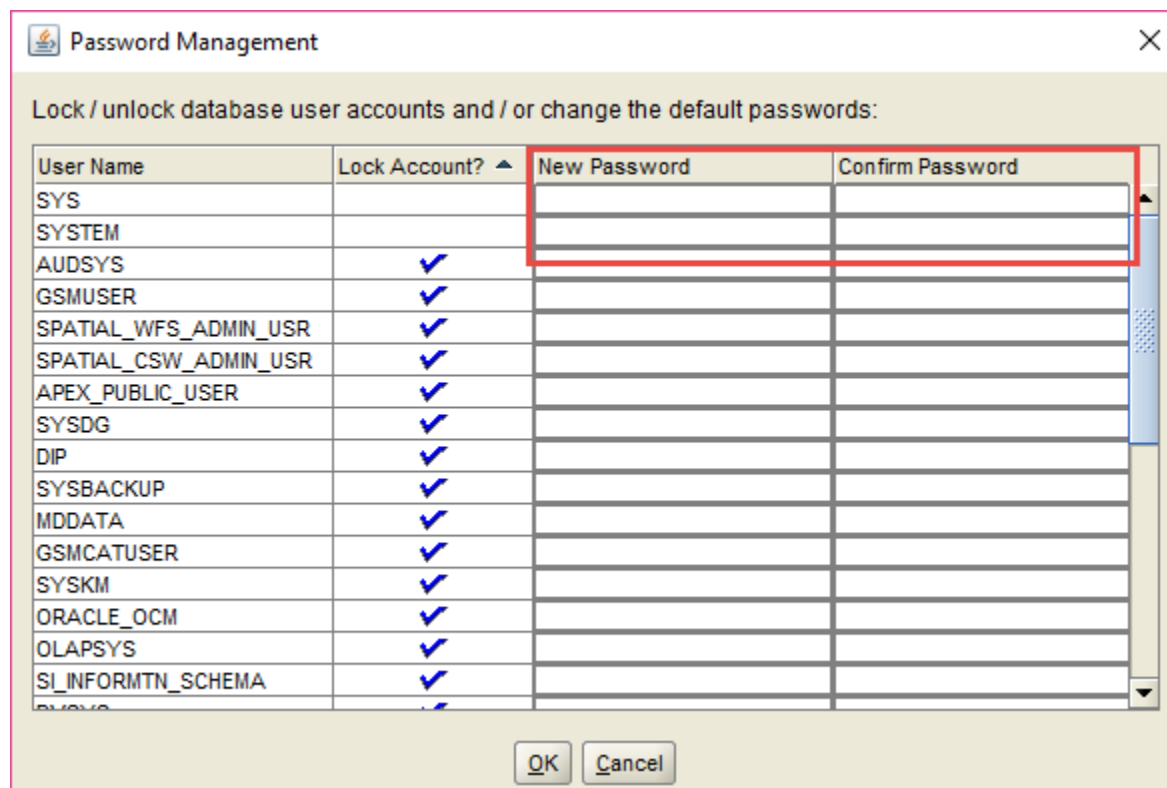
Cancel



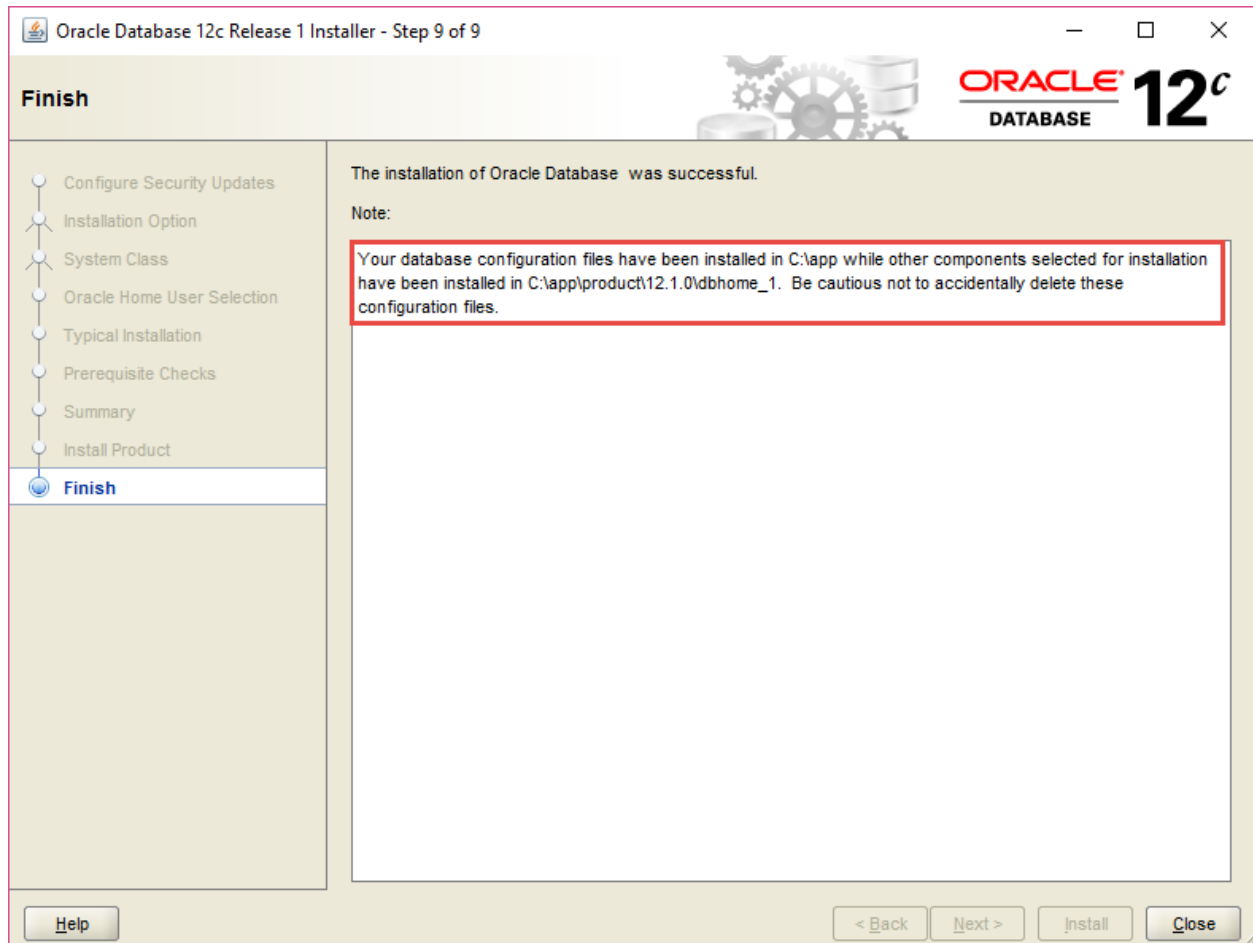
You will see the Database Configuration Assistant window. Click the *Password management...* button to enter the password for Oracle database accounts.



Enter the password for SYS and SYSTEM accounts and then click the OK button.



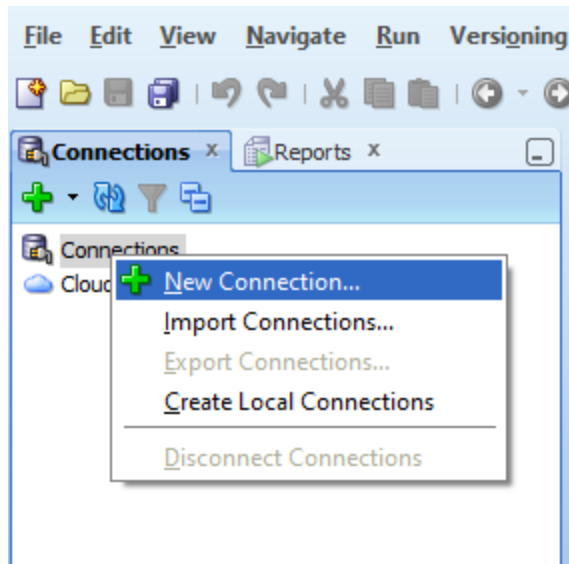
Step 9. Once installation completes successfully, the installer will inform you as shown in the following screenshot. Click the Close button to close the window.



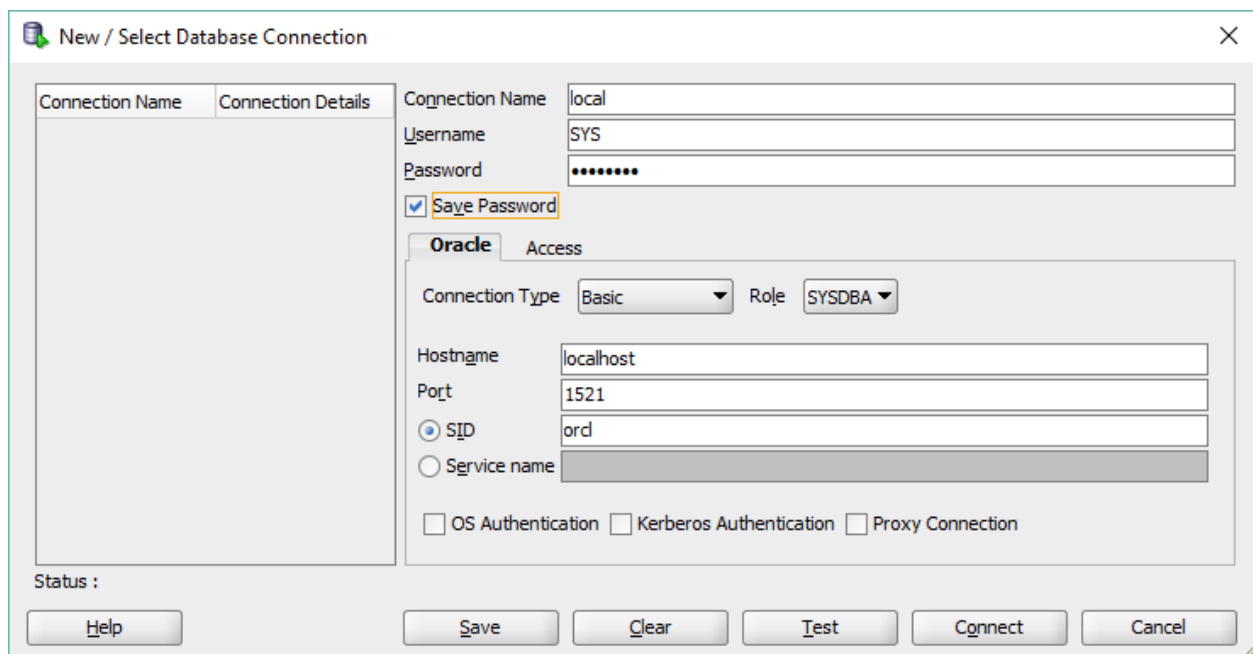
Connecting to Oracle Database

First, launch the SQL developer application provided by the Oracle Database.

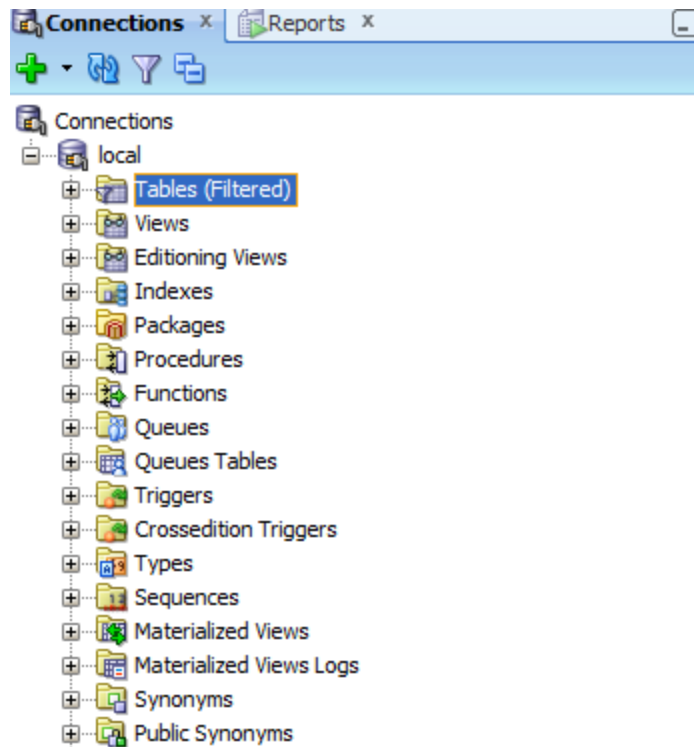
Second, right-click the connection node and choose **New Connection ...** menu item to create a new connection.



Third, enter the information that you provided during the installation process as shown in the following screenshot. Click the Connect button to connect to the Oracle Database.



SQL Developer will display all objects as shown below.



Congratulation! you have installed Oracle Database 12c successfully. Let's start exploring Oracle.