

# Installing Oracle 12c Server & Client

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Oracle 12c media can no longer be downloaded from Oracle but can be downloaded [here](#).

- Oracle Database Client (12.1.0.2.0) for Microsoft Windows (x64):
  - winx64\_12102\_client.zip
- Oracle Database Client (12.1.0.2.0) for Microsoft Windows (32-bit):
  - winnt\_12102\_client32.zip
- **NOTE:** The Database is only necessary if you intend to download the nightly Biotics backups to create a duplicate of the Biotics database. It is NOT necessary if you are merely connecting to the Biotics database via third-party tools.

Oracle Database 12c Release 1 (12.1.0.2.0) for Microsoft Windows (x64):

- winx64\_12102\_database\_1of2.zip AND
- winx64\_12102\_database\_2of2.zip

Installation Instructions:

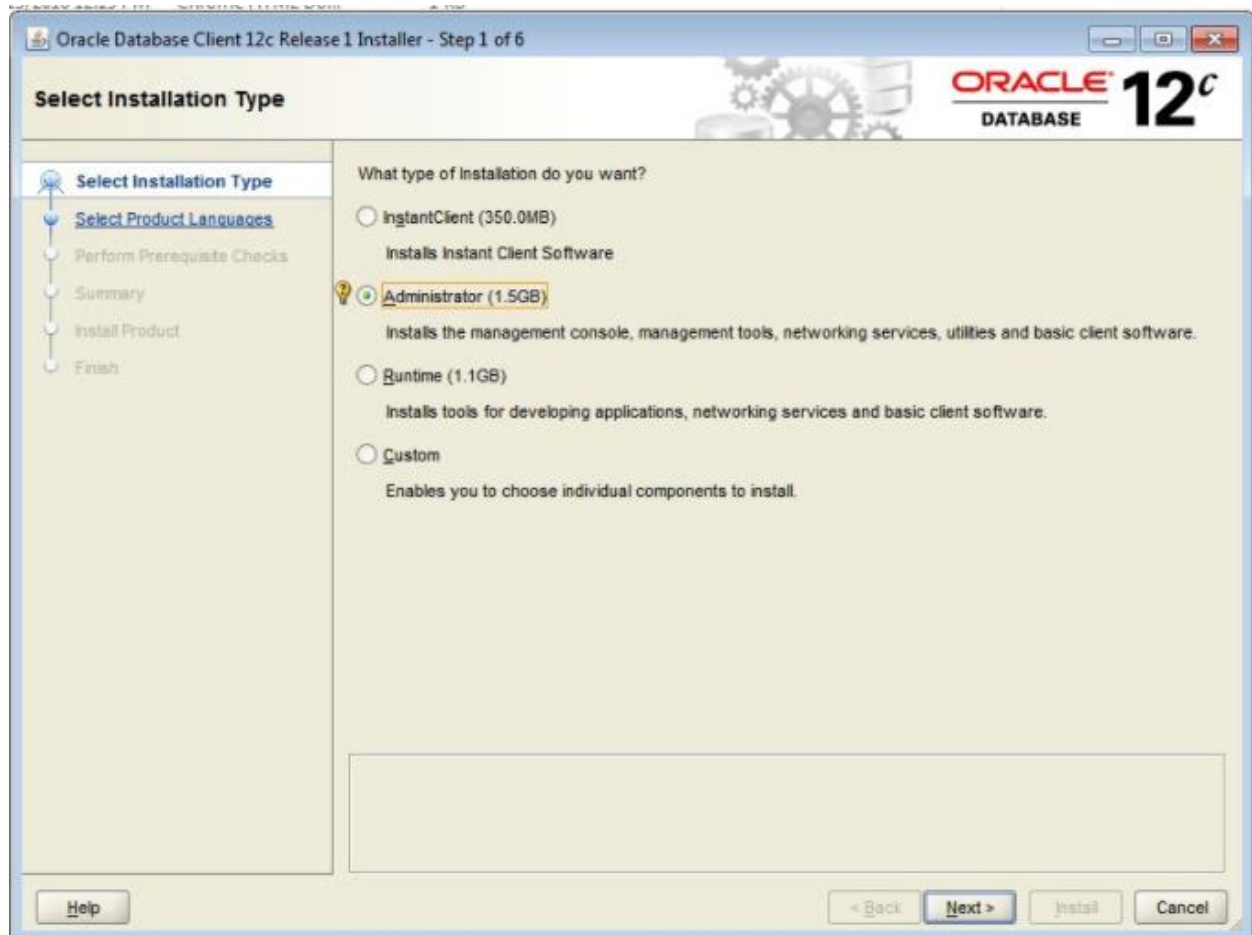
- [Install Oracle Client \(64-bit\)](#)
- [Install Oracle Client \(32-bit\)](#)
- [Server](#)

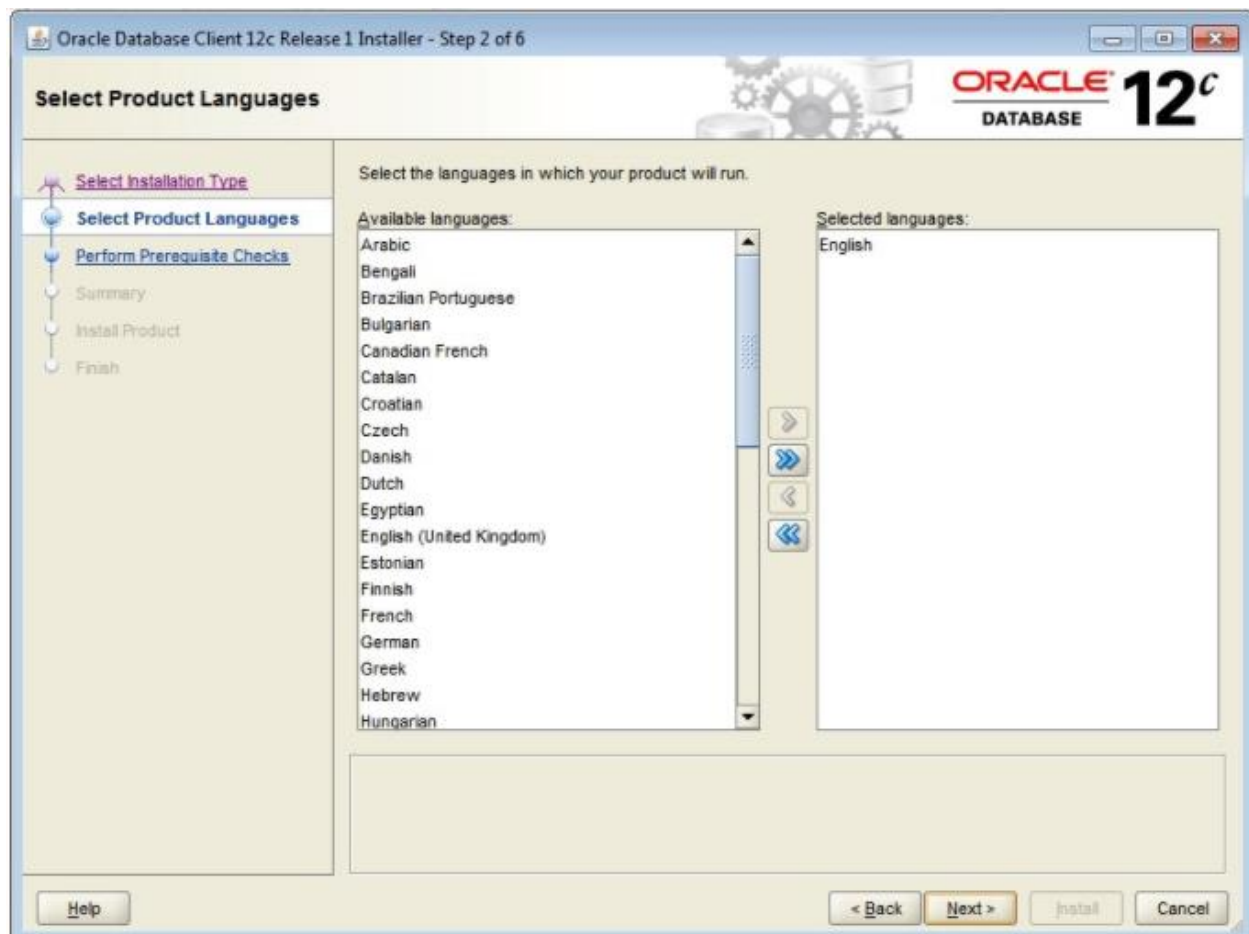
## Install Oracle clients

On a 64-bit machine, install BOTH the 64-bit and 32-bit client. Various third-party tools require different drivers. Furthermore, the few times that folks just installed the 32-bit client on a 64-bit machine, because that's what the third-party tool(s) they use necessitates, and not the 64-bit client, they had to go back and install the 64-bit client too. So, save yourself some time and install according to these instructions, in this order!

## Install Oracle Client (64-bit)

Run `\\...\client\setup.exe` to install Oracle 12c Client for 64-bit





Oracle Database Client 12c Release 1 Installer - Step 3 of 8

## Specify Oracle Home User

Use Windows Built-in Account or specify a standard Windows User Account (not an Administrator account) to install and configure the Oracle Home. 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

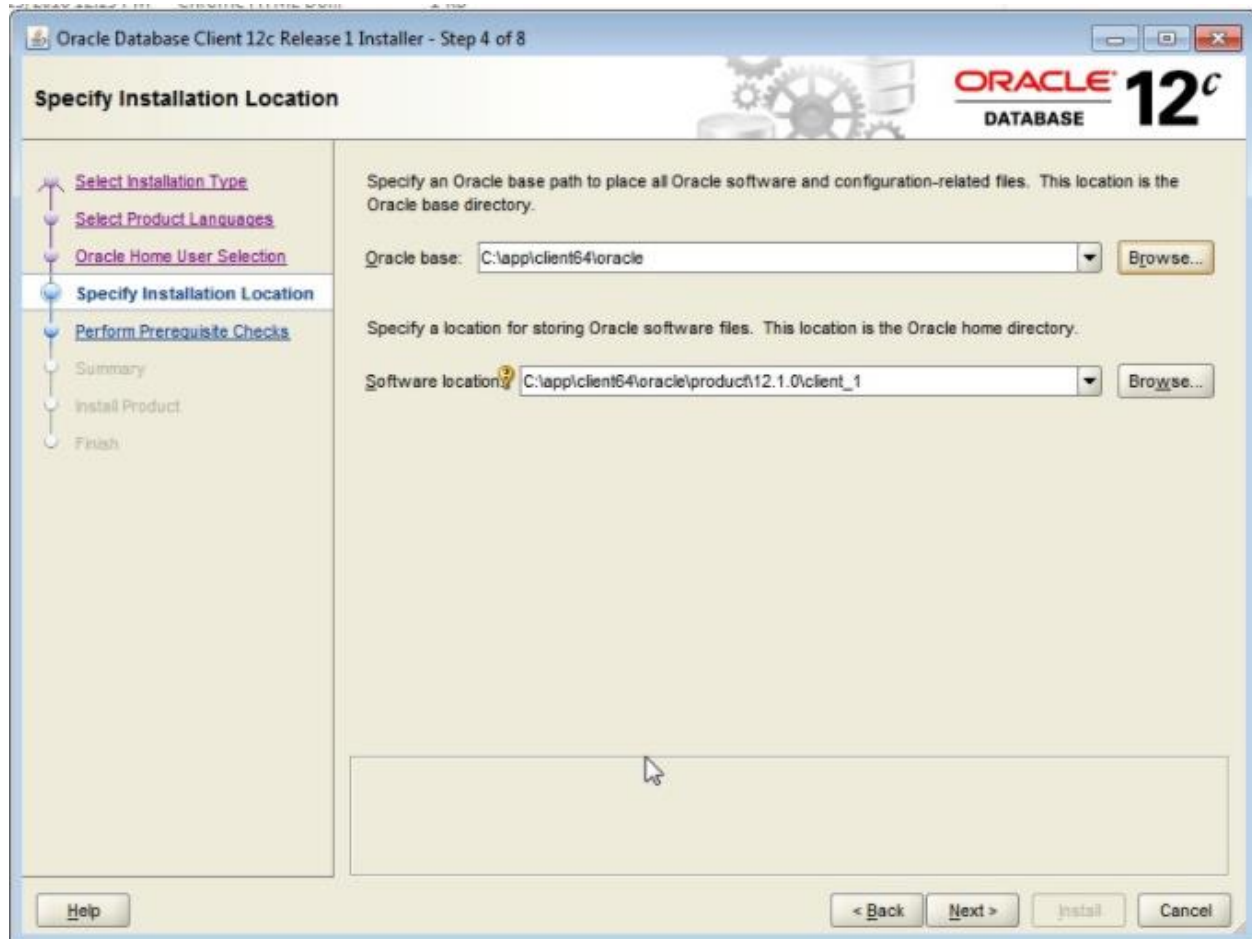
User Name:

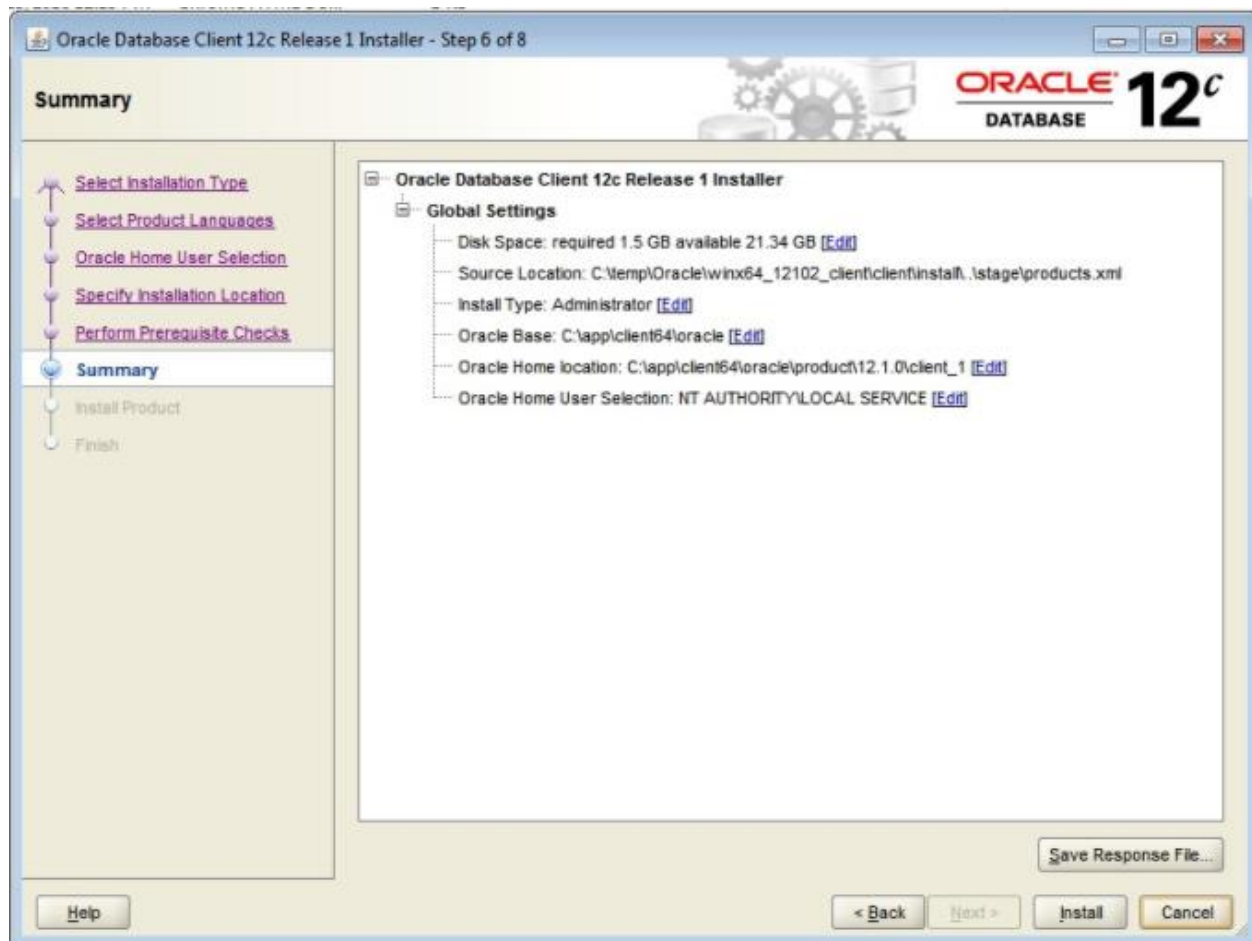
Password:

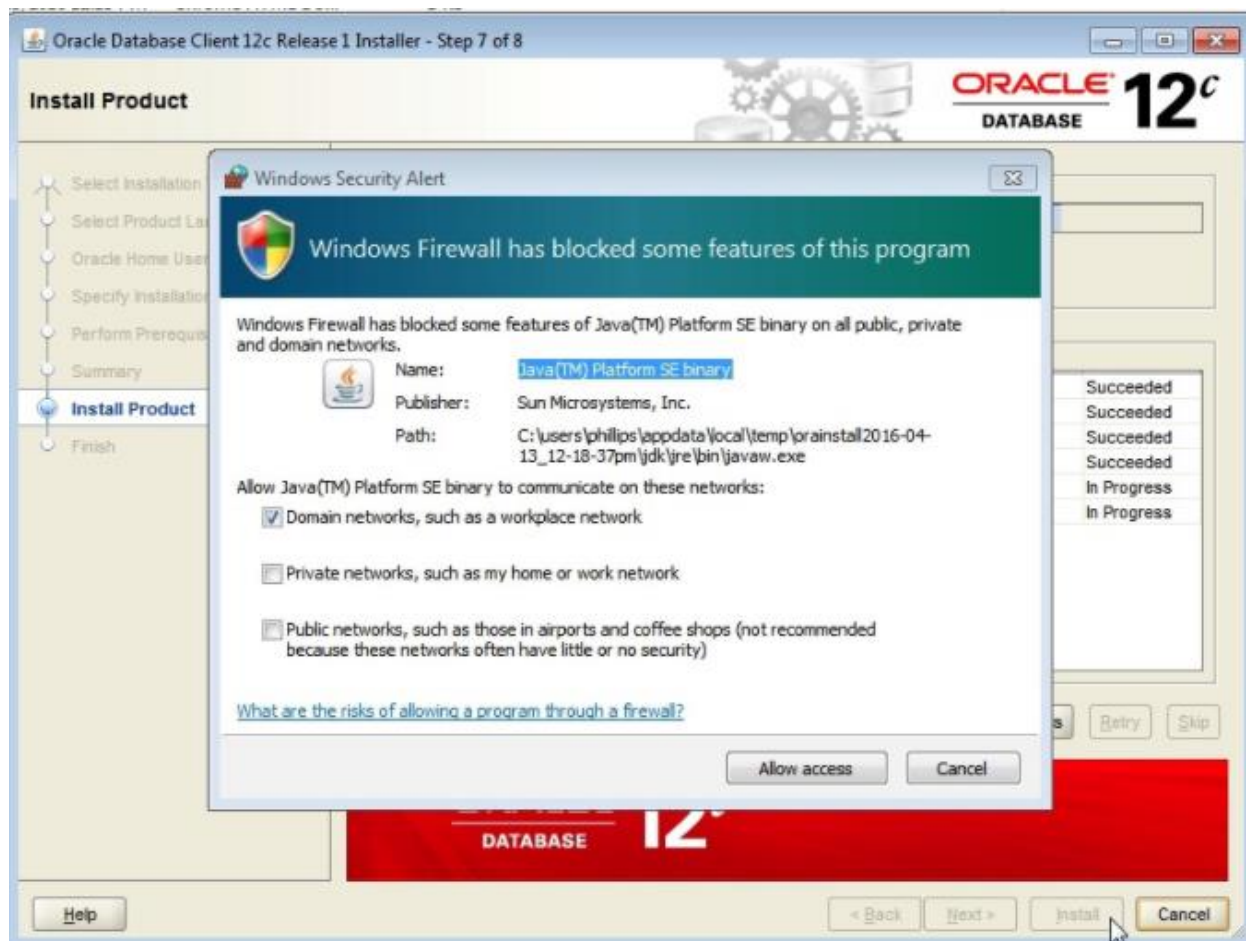
Confirm Password:

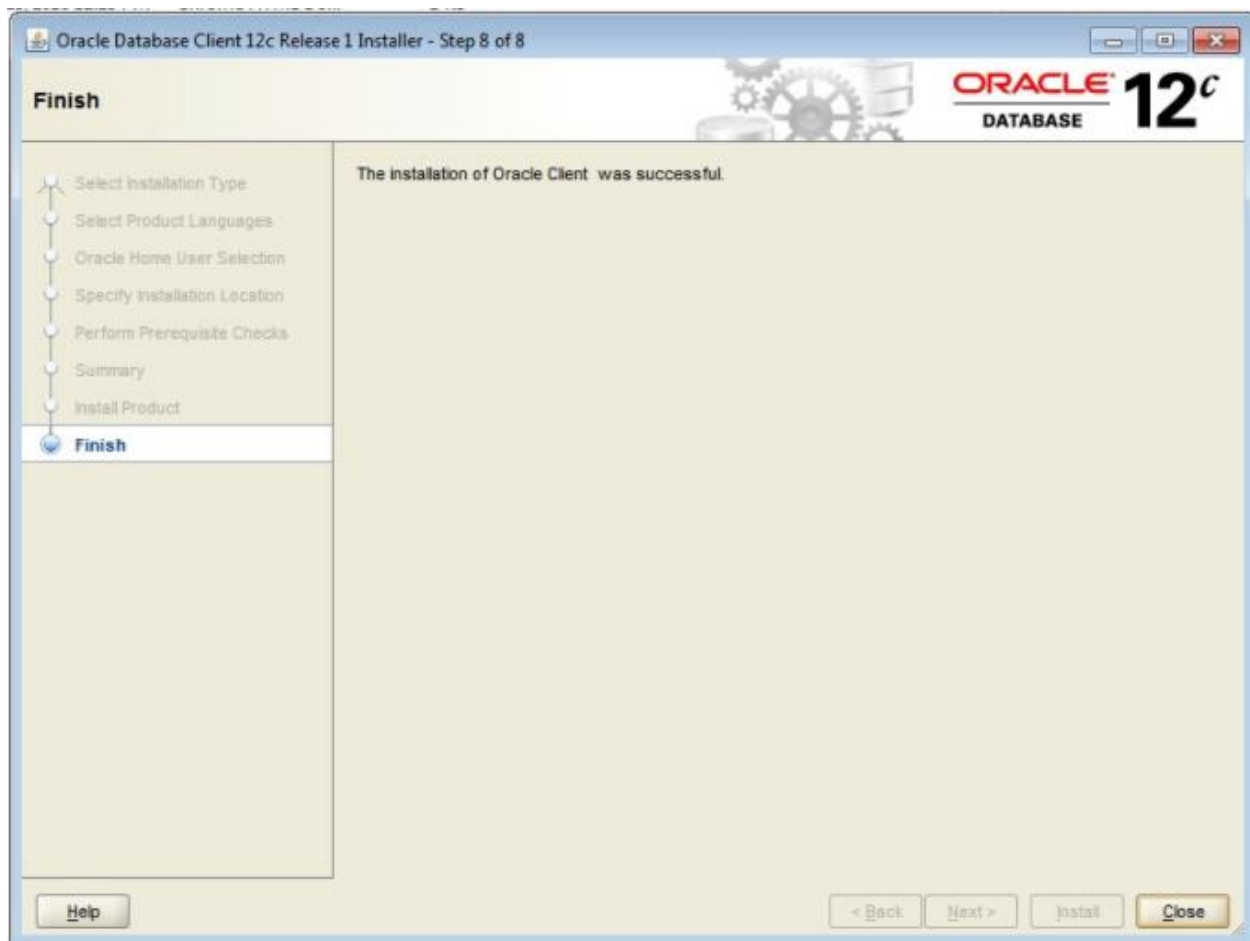
The newly created user is denied Windows logon privileges.

☒ Use Windows Built-in Account









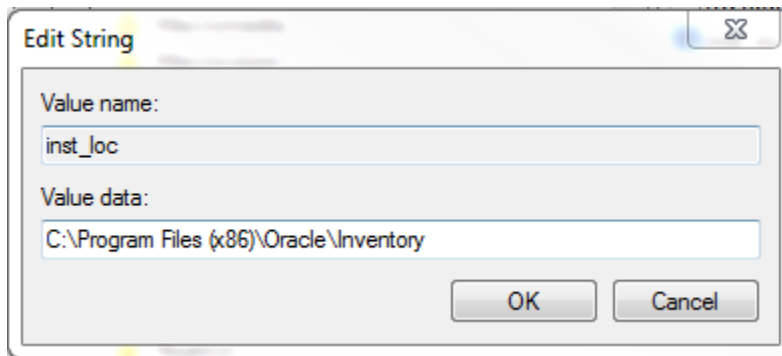


## Install Oracle Client (32-bit)

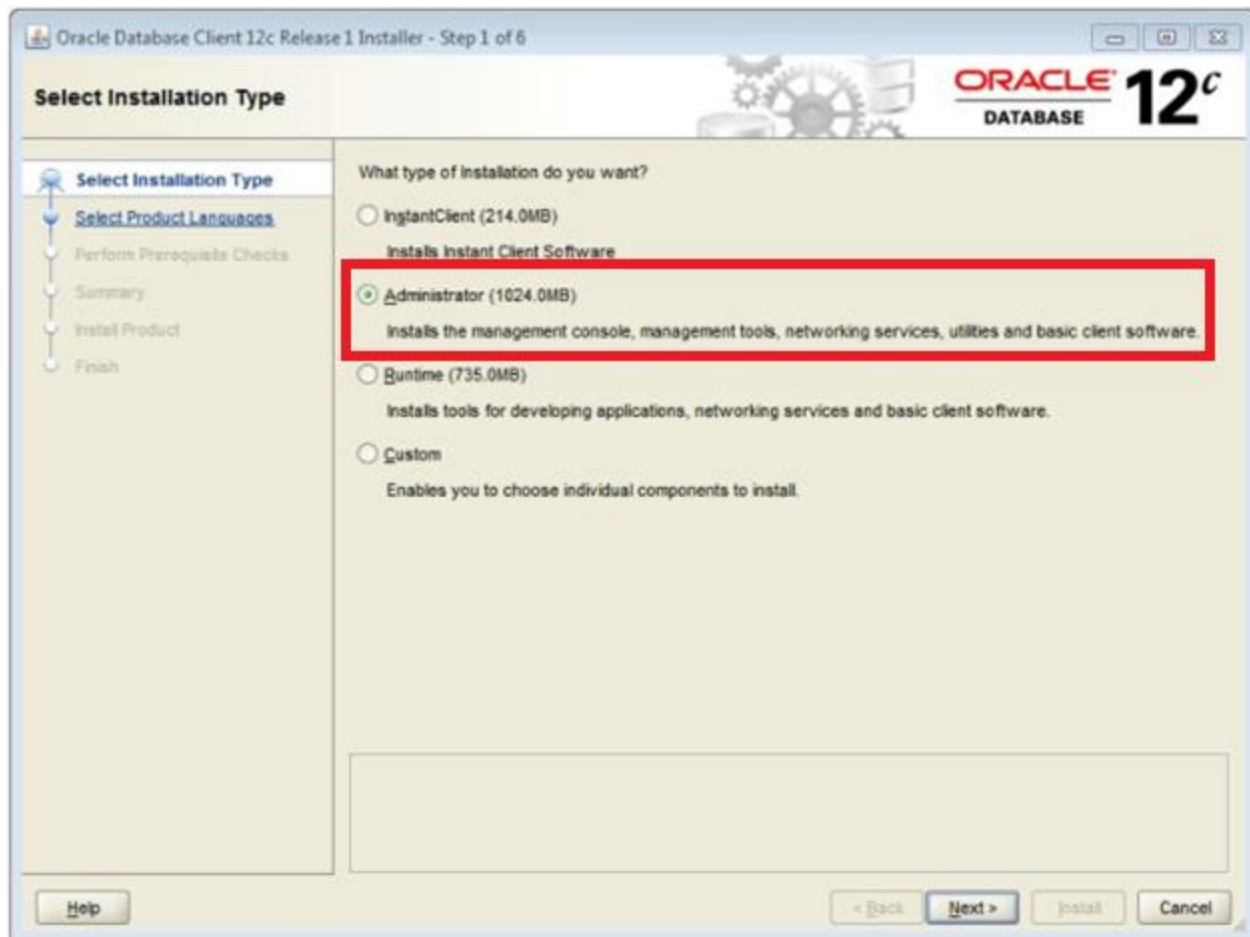
If you have installed the 64-bit client, prior to installing the 32-bit client you will need to modify the 32-bit installer so that it will run on Windows Server 2012. This is necessary because the `install/oraparam.ini` file references the 64-bit version (`vcredist_x64.exe`), however if you check `stage/ext/bin`, the 32-bit file version is actually named `vcredist_x86.exe`.

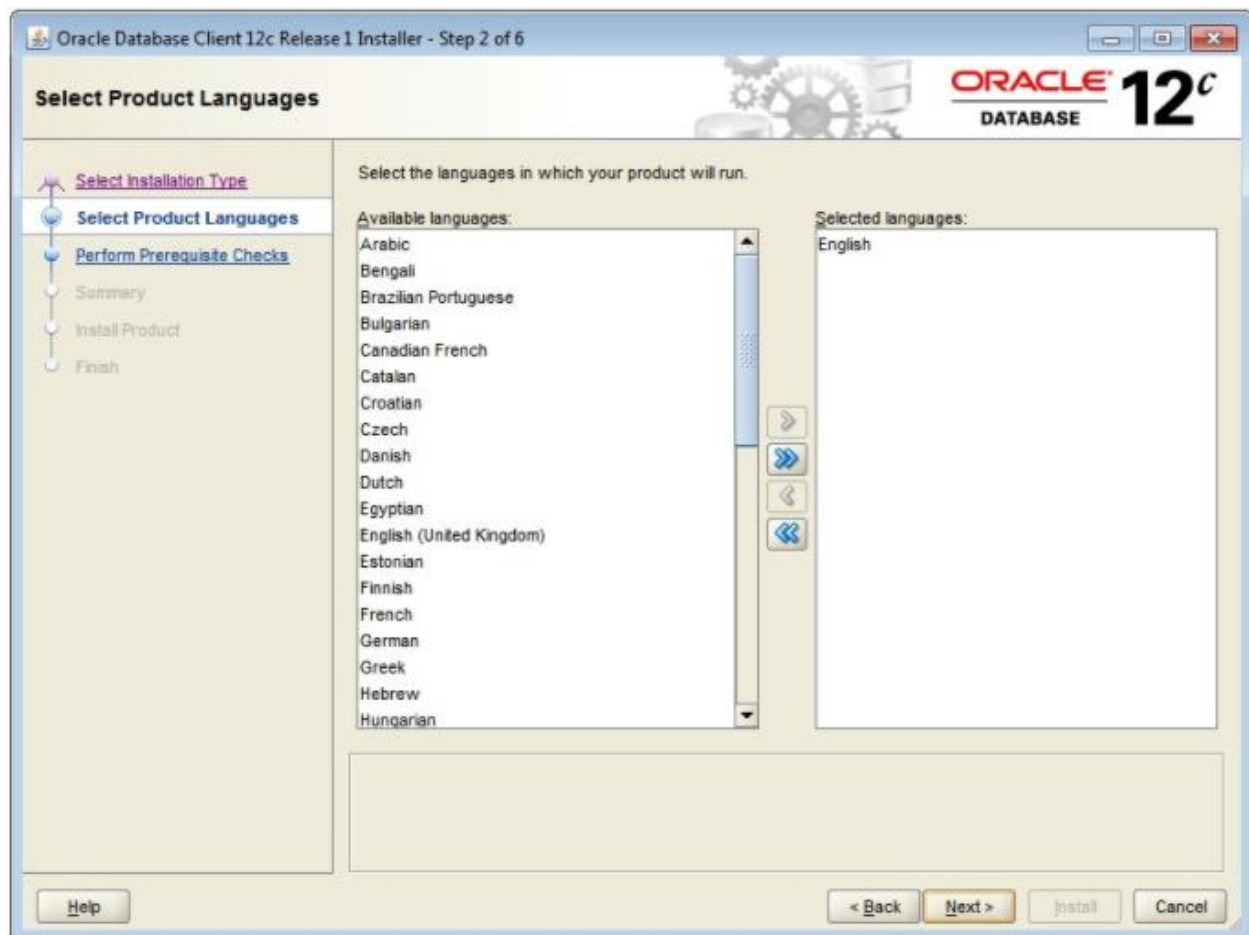
The following instructions are taken from <http://www.orafaq.com/forum/t/196935/>

1. In the Oracle 32-bit client media, edit the **install/oraparam.ini** file and fix the following line from:  
`MSVCREDIST_LOC=vcredist_x64.exe`  
to:  
`MSVCREDIST_LOC=vcredist_x86.exe`
2. Open the Registry Editor by typing **regedit** in the Windows Start menu search.
3. Within the Registry Editor, navigate to **HKEY\_LOCAL\_MACHINE\SOFTWARE\Wow6432Node** and right-click to create a **New Key** to the Windows registry named **ORACLE**.
4. Right-click on the newly created **ORACLE** key and create a **New String Value** named **inst\_loc**.
5. Double-click on **inst\_loc** and enter **C:\Program Files (x86)\Oracle\Inventory** within the *Value data* field.



6. Click **OK** to save the changes and close the Registry Editor.
7. Right-click the executable ([\\...\\client\\setup.exe](#)) and choose **Run as Administrator** to install Oracle 12c Client for 32-bit.





Oracle Database Client 12c Release 1 Installer - Step 3 of 8

## Specify Oracle Home User

Use Windows Built-in Account or specify a standard Windows User Account (not an Administrator account) to install and configure the Oracle Home. 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:

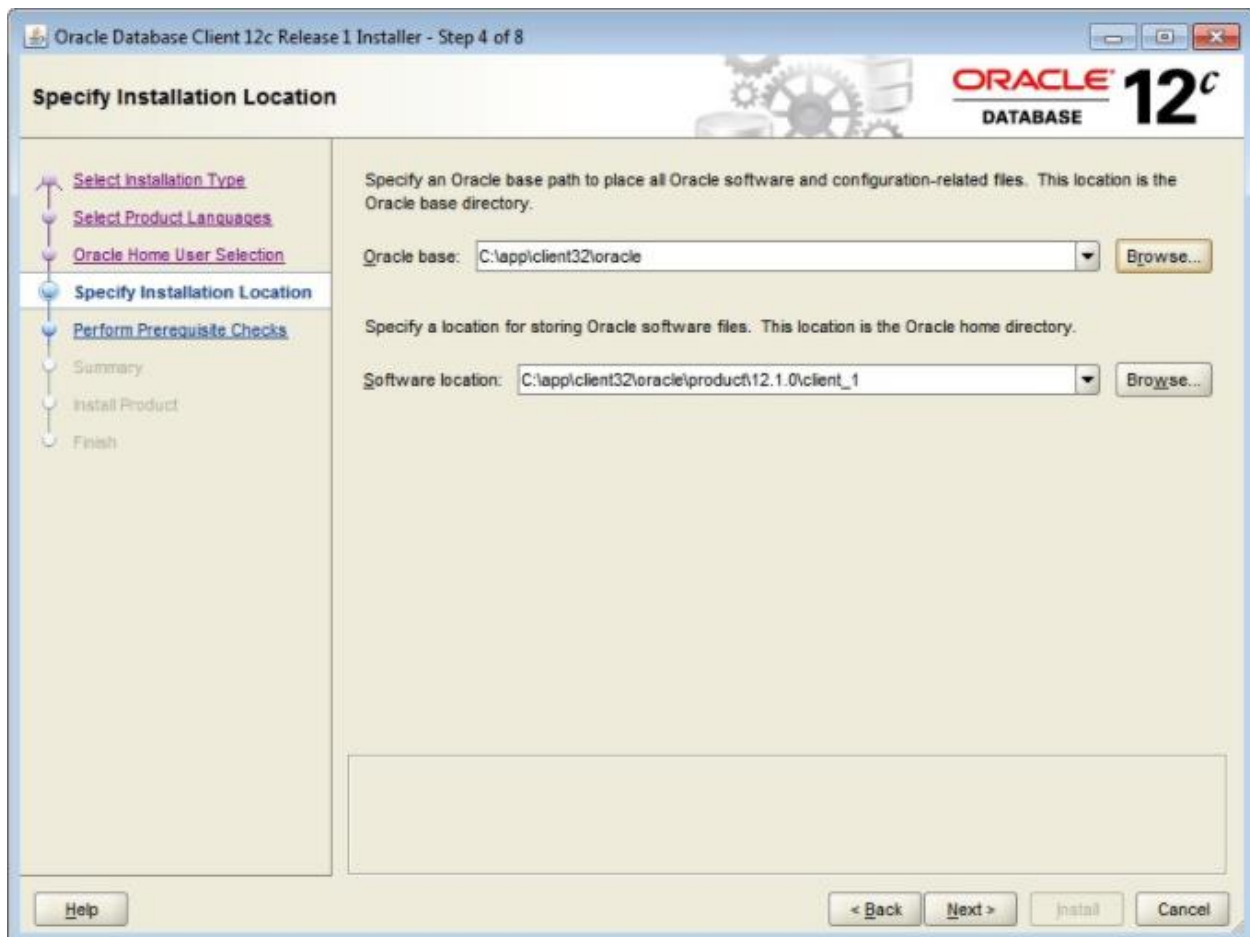
Password:

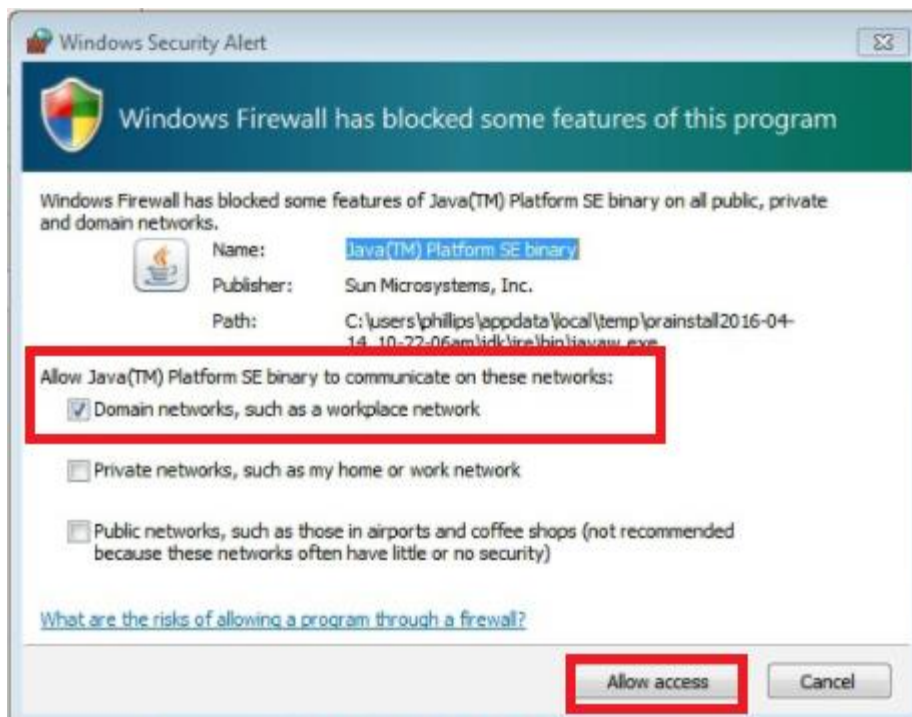
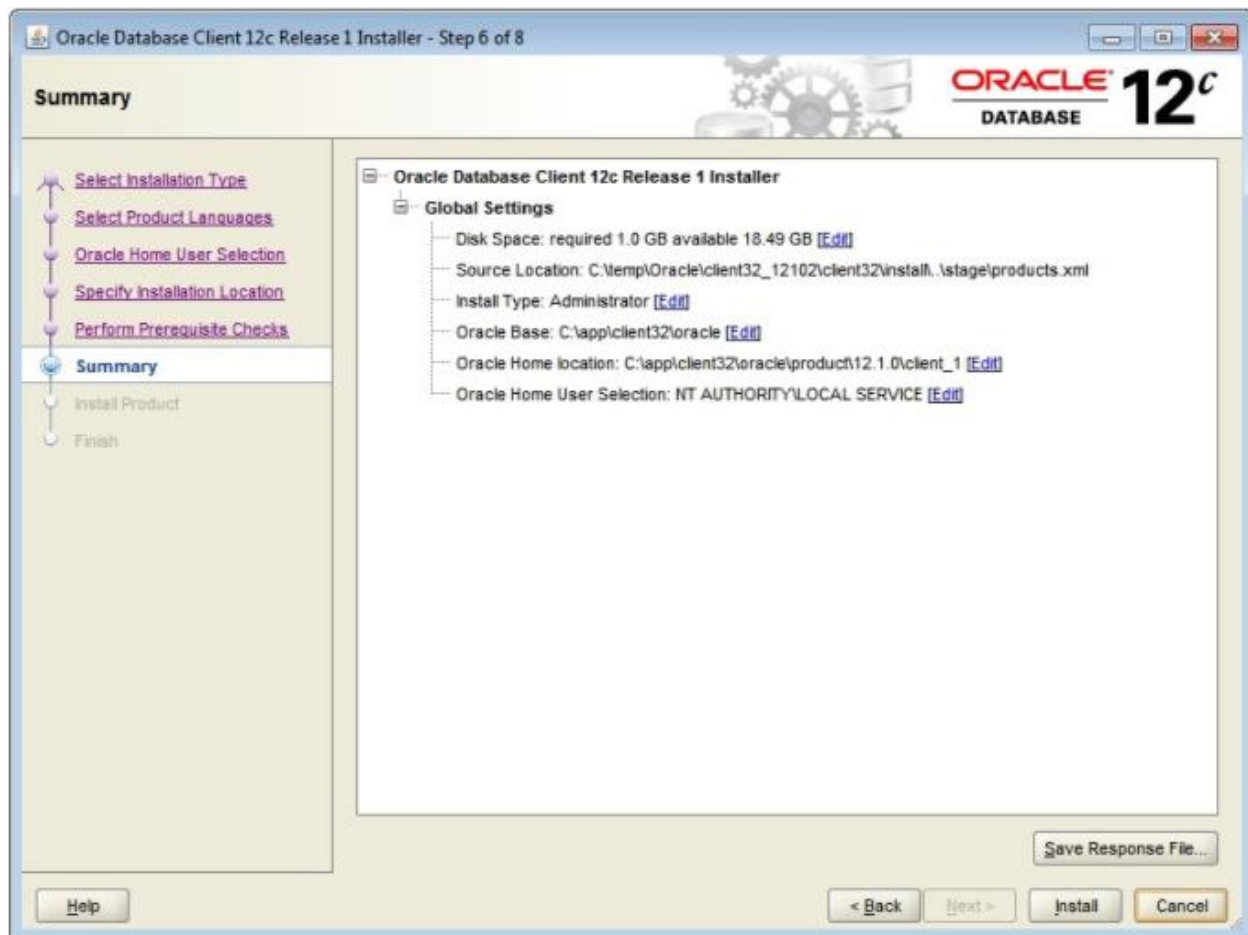
Confirm Password:

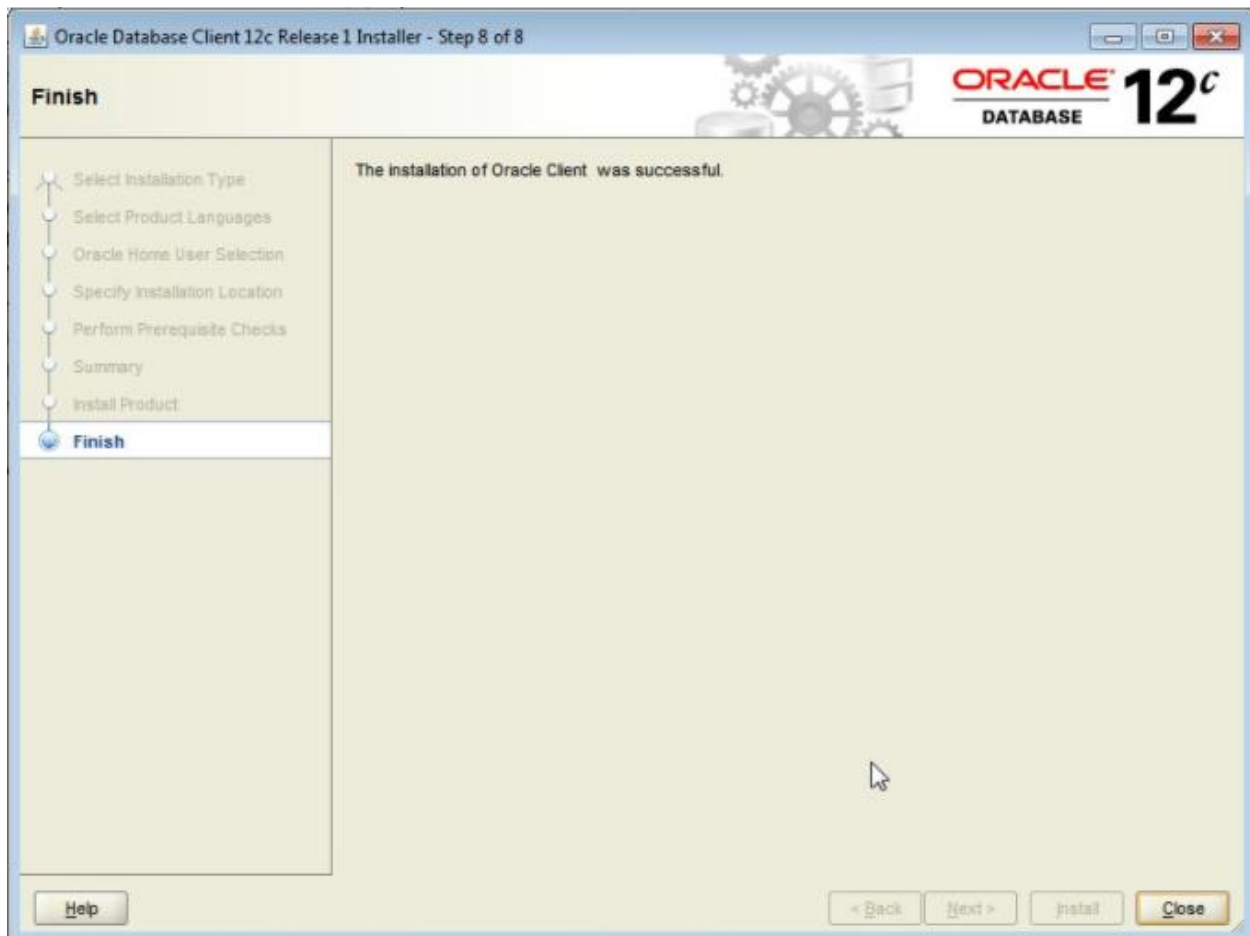
The newly created user is denied Windows login privileges.

☒ Use Windows Built-in Account

Help < Back Next > Install Cancel







## Server Installation

- **NOTE:** The Database is only necessary if you intend to download the nightly Biotics backups to create a duplicate of the Biotics database. It is NOT necessary if you are merely connecting to the Biotics database via third-party tools.

The screenshot shows the 'Configure Security Updates' window of the Oracle Database 12c Release 1 Installer. The window title is 'Oracle Database 12c Release 1 Installer - Step 1 of 10'. The Oracle logo and '12c DATABASE' are in the top right. A left sidebar lists the installation steps: 'Configure Security Updates' (selected), 'Installation Option', 'Grid Installation Options', 'Install Type', 'Oracle Home User Selection', 'Installation Location', 'Prerequisite Checks', 'Summary', 'Install Product', and 'Finish'. The main area contains instructions: 'Provide your email address to be informed of security issues, install the product and initiate configuration manager. [View details.](#)'. There is an 'Email:' label and a text input field. Below it, a note says 'Easier for you if you use your My Oracle Support email address/username.' A checkbox is labeled 'I wish to receive security updates via My Oracle Support.' Below this is a 'My Oracle Support Password:' label and a text input field. At the bottom, there are buttons for 'Help', '< Back', 'Next >', 'Install', and 'Cancel'.

Oracle Database 12c Release 1 Installer - Step 1 of 10

### Configure Security Updates

Provide your email address to be informed of security issues, install the product and initiate configuration manager. [View details.](#)

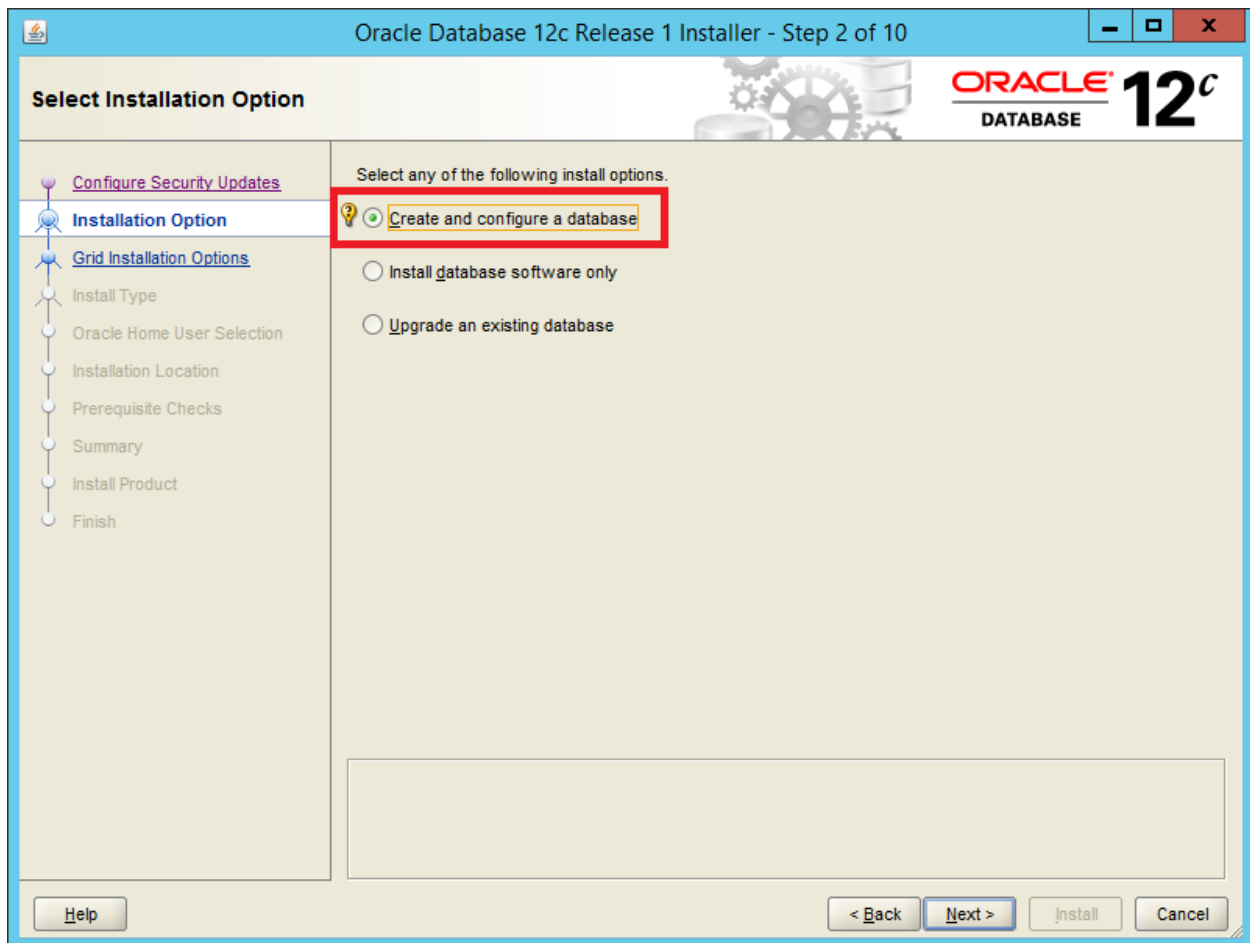
Email:

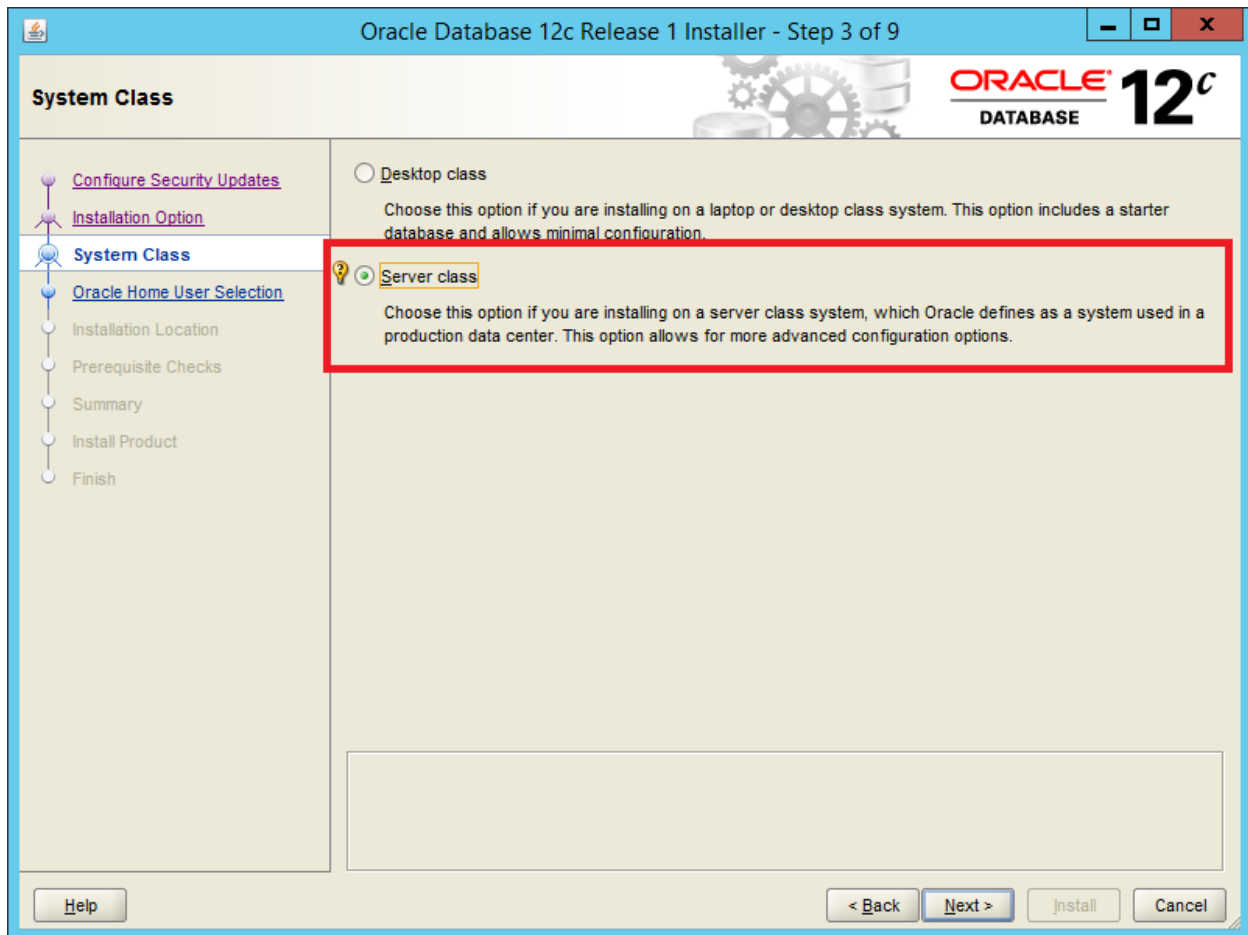
Easier for you if you use your My Oracle Support email address/username.

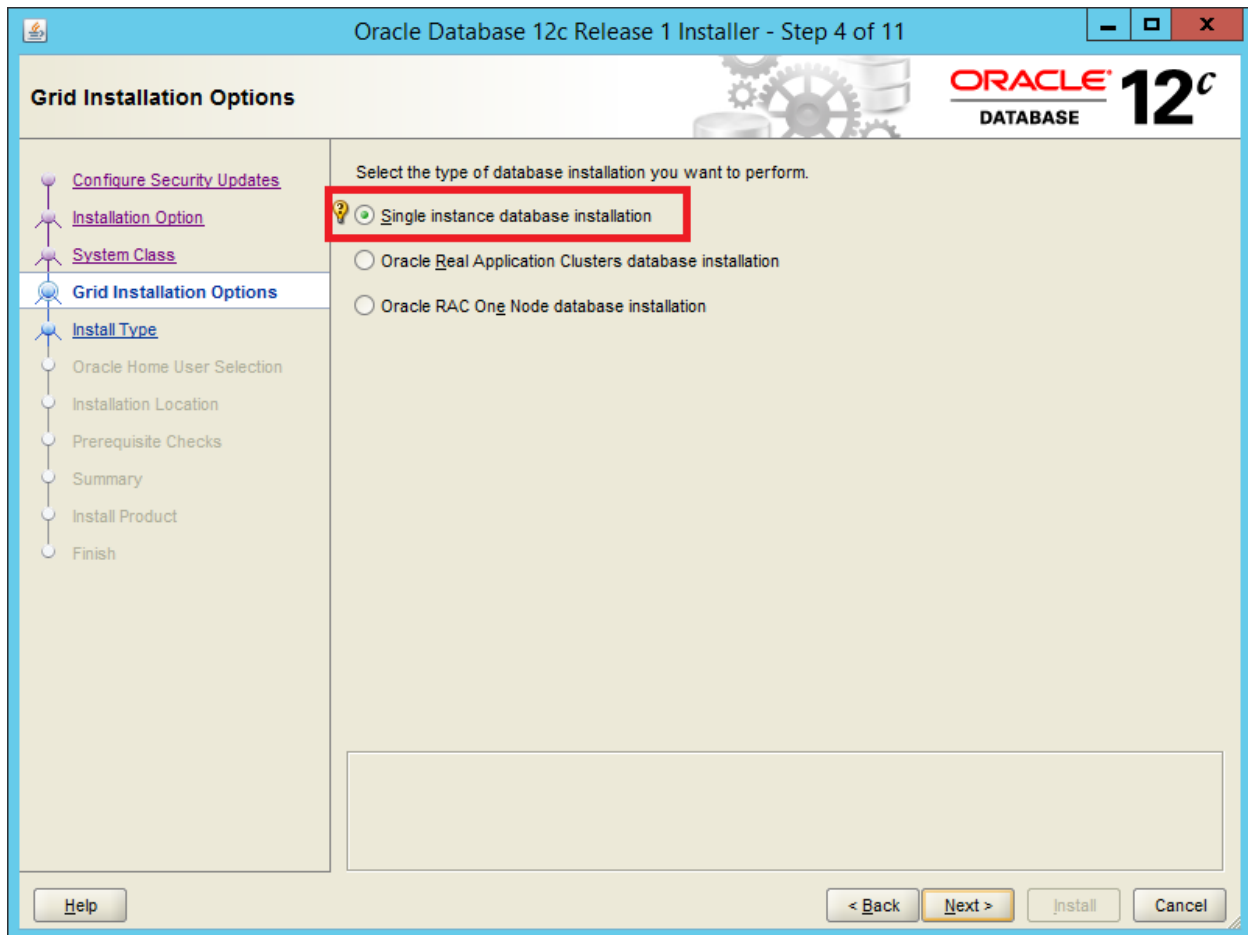
☐ I wish to receive security updates via My Oracle Support.

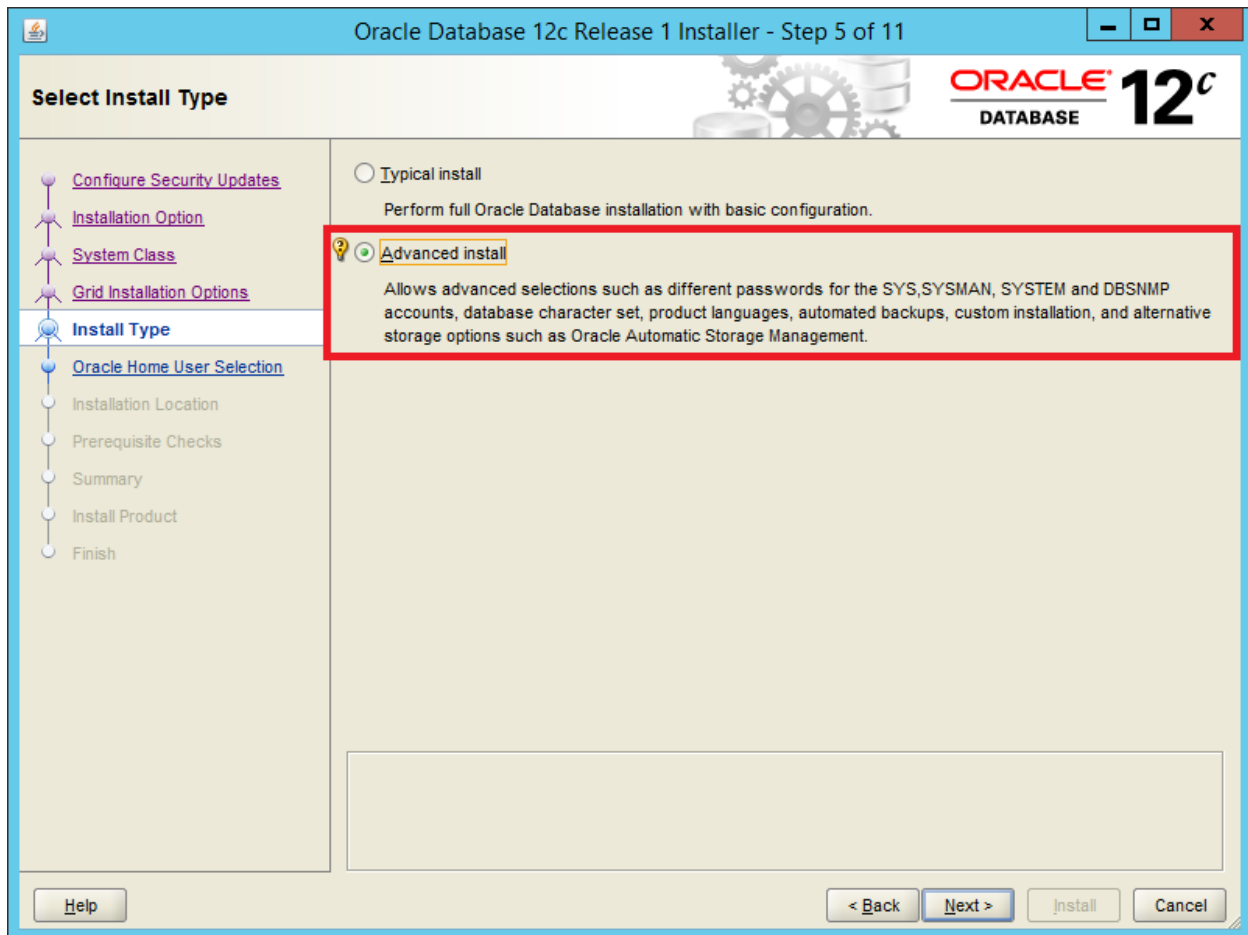
My Oracle Support Password:

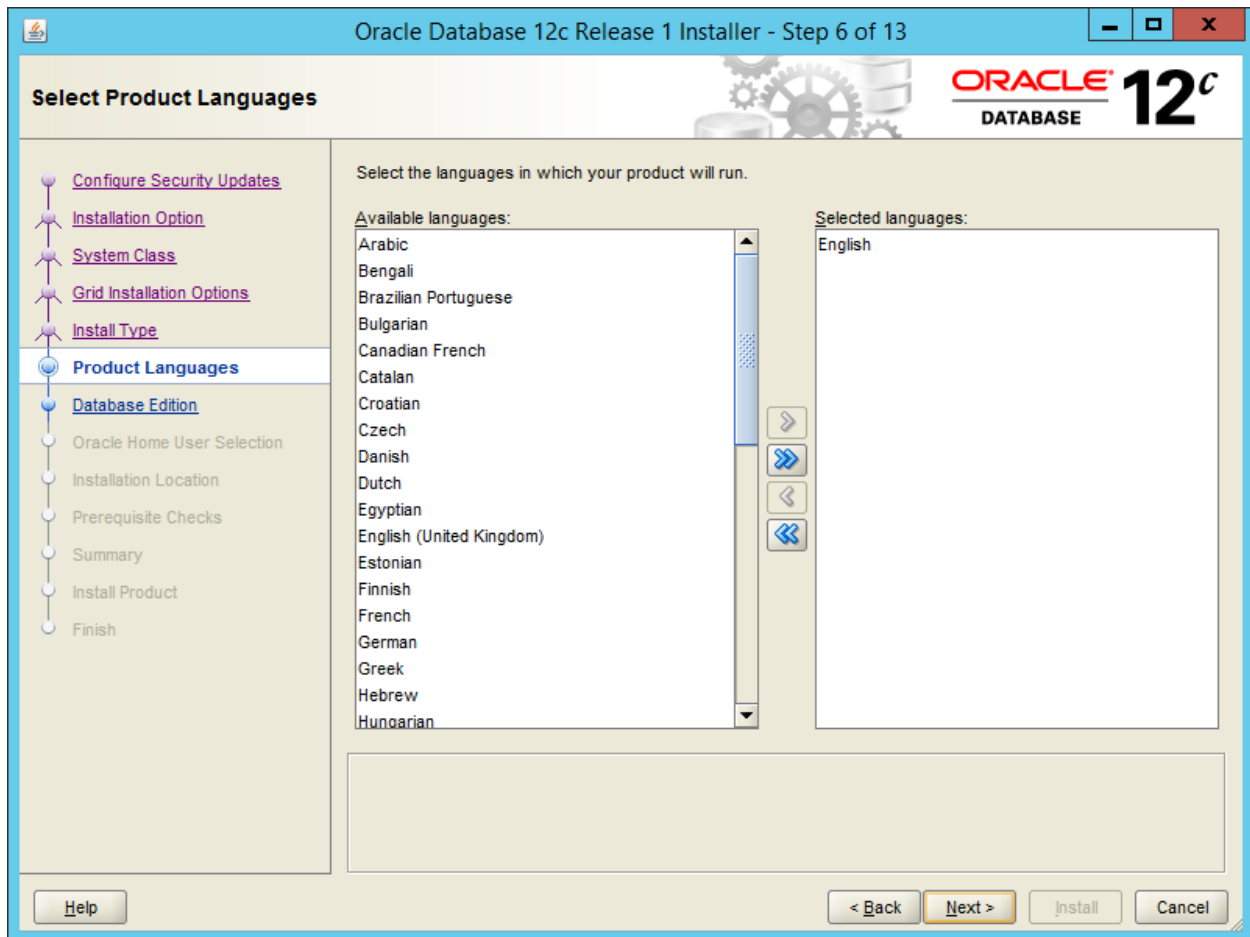


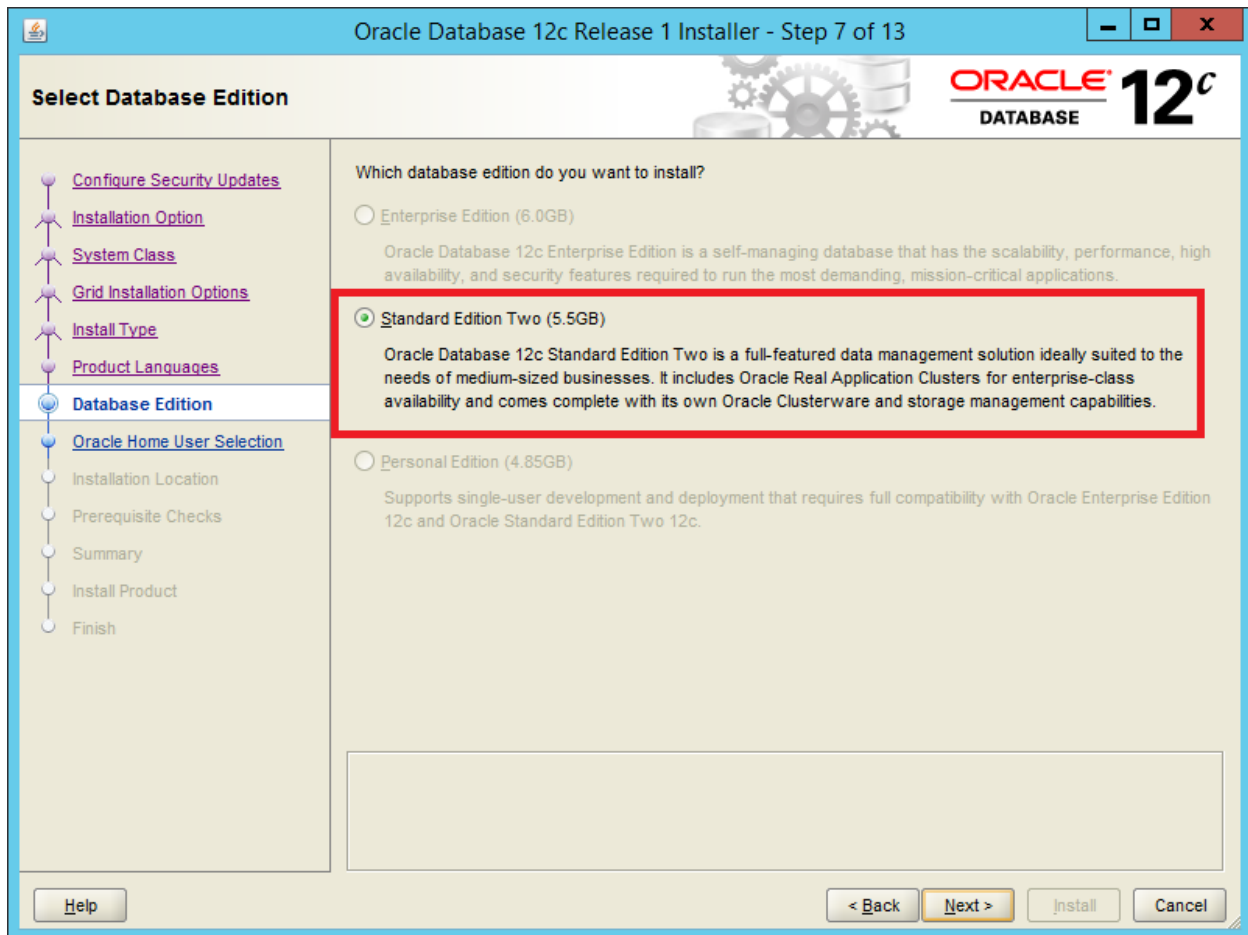












Oracle Database 12c Release 1 Installer - Step 8 of 20

### 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](#)

Oracle Database 12c Release 1 Installer - Step 9 of 13

Specify Installation Location

Configure Security Updates

Installation Option

System Class

Grid Installation Options

Install Type

Product Languages

Database Edition

Oracle Home User Selection

**Installation Location**

Prerequisite Checks

Summary

Install Product

Finish

Specify a path to place all Oracle software and configuration-related files installed by this installation owner. This location is the Oracle base directory for the installation owner.

Oracle base? C:\app\Oracle

Browse...

Specify a location for storing Oracle database software files separate from database configuration files in the Oracle base directory. This software directory is the Oracle database home directory.

Software location: C:\app\Oracle\product\12.1.0\dbhome\_1

Browse...

Help

< Back

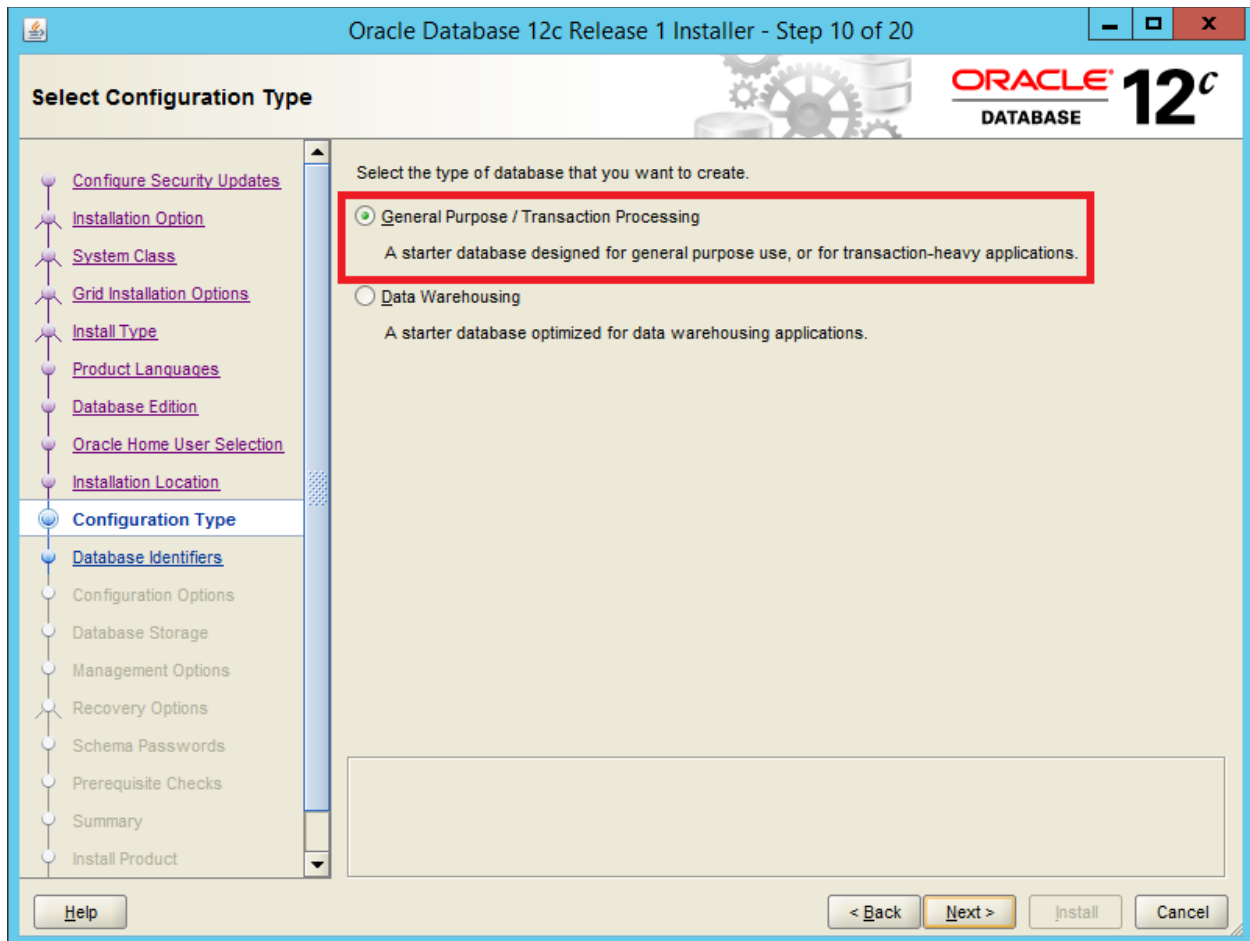
Next >

Install

Cancel

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Oracle Database 12c Release 1 Installer - Step 11 of 20

Specify Database Identifiers

Configure Security Updates

Installation Option

System Class

Grid Installation Options

Install Type

Product Languages

Database Edition

Oracle Home User Selection

Installation Location

Configuration Type

**Database Identifiers**

Configuration Options

Database Storage

Management Options

Recovery Options

Schema Passwords

Prerequisite Checks

Summary

Install Product

ORACLE

DATABASE

12<sup>c</sup>

Provide the identifier information required to access the database uniquely. An Oracle database is uniquely identified by a Global database name, typically of the form "name.domain". A database is referenced by atleast one Oracle instance which is uniquely identified from any other instance on this computer by an Oracle system identifier (SID).

Global database name:

biotics|nature.serve

Oracle system identifier (SID):

biotics

☐ Create as Container database

Creates a database container for consolidating multiple databases into a single database and enables database virtualization.

Pluggable database name:

pdborcl

Help

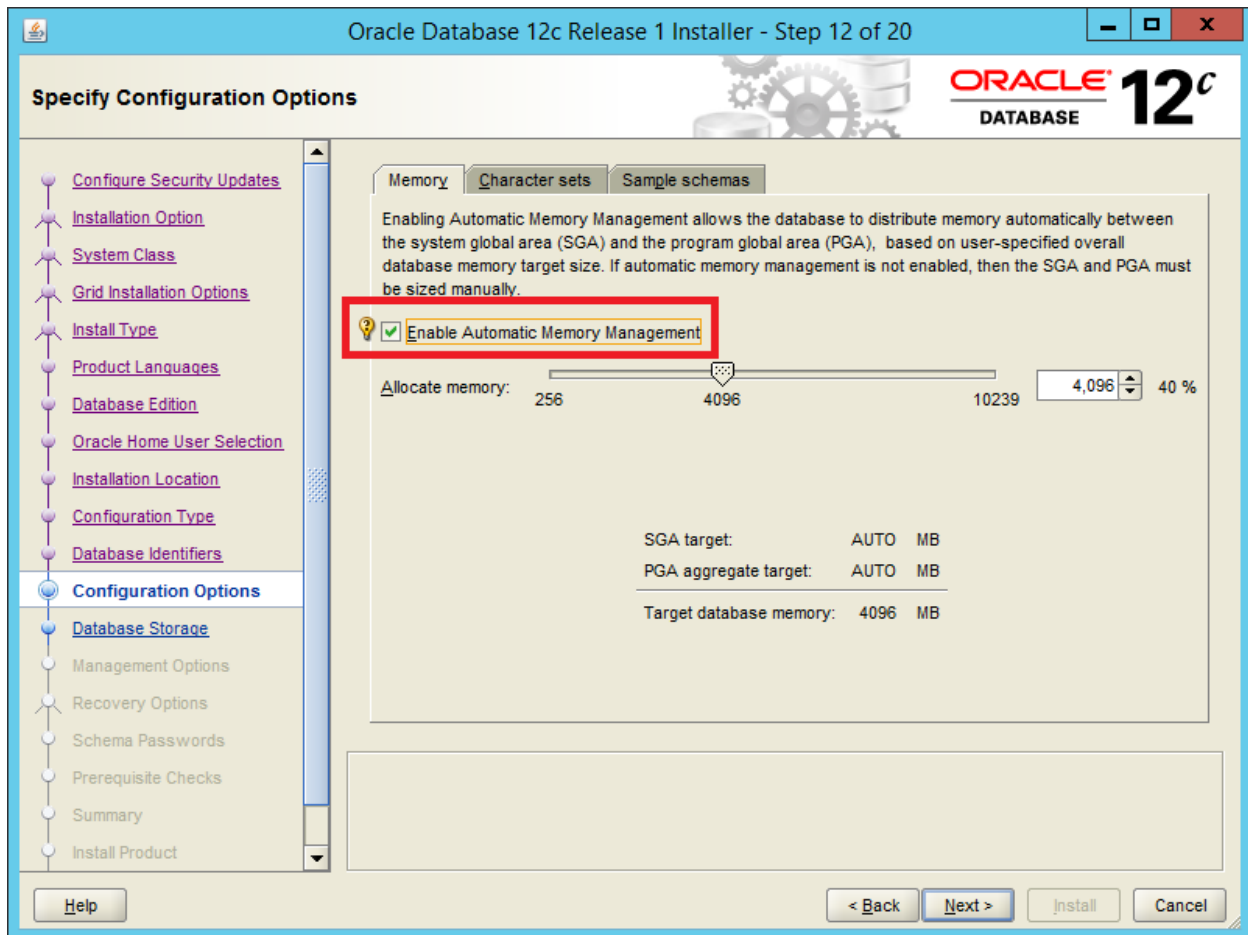
< Back

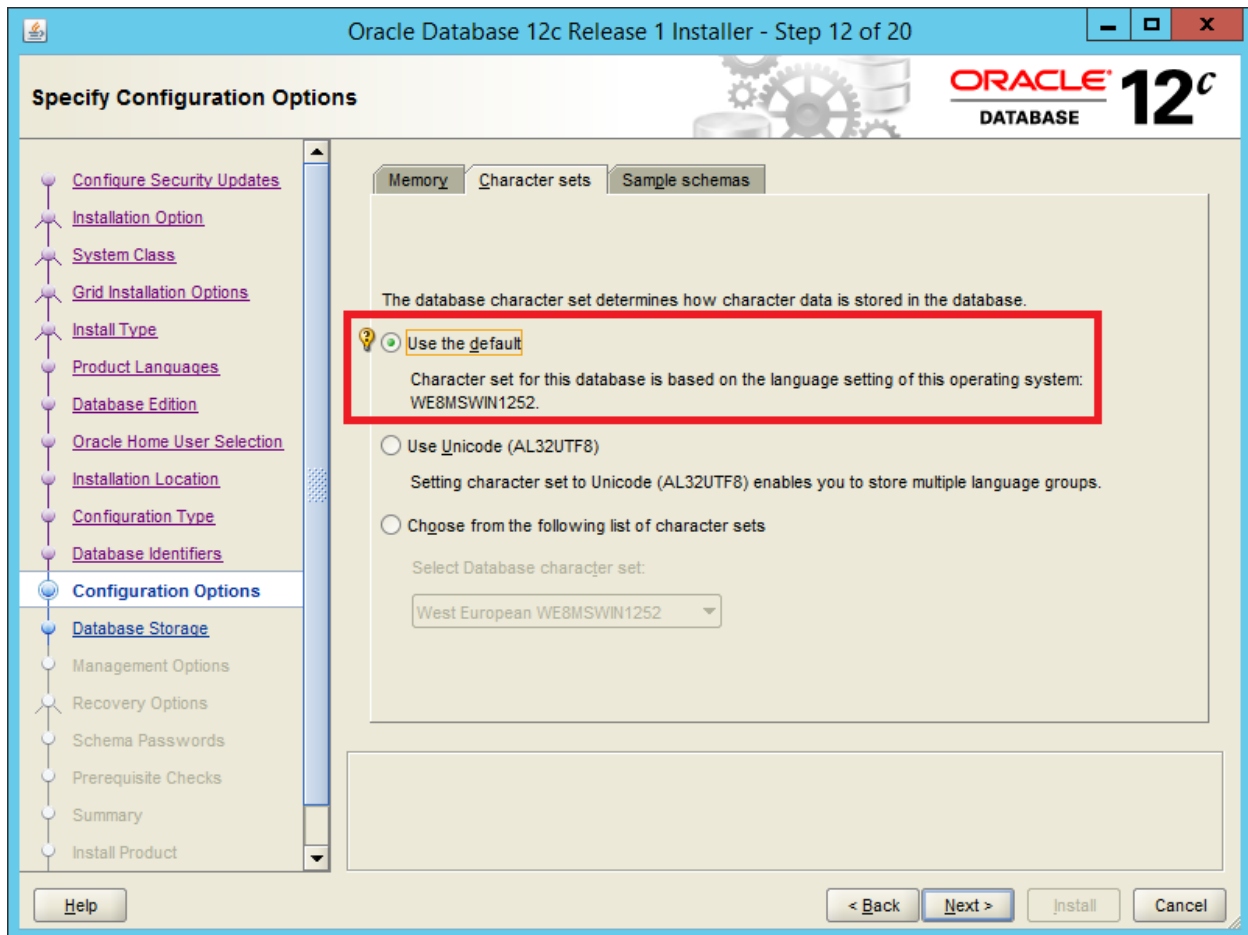
Next >

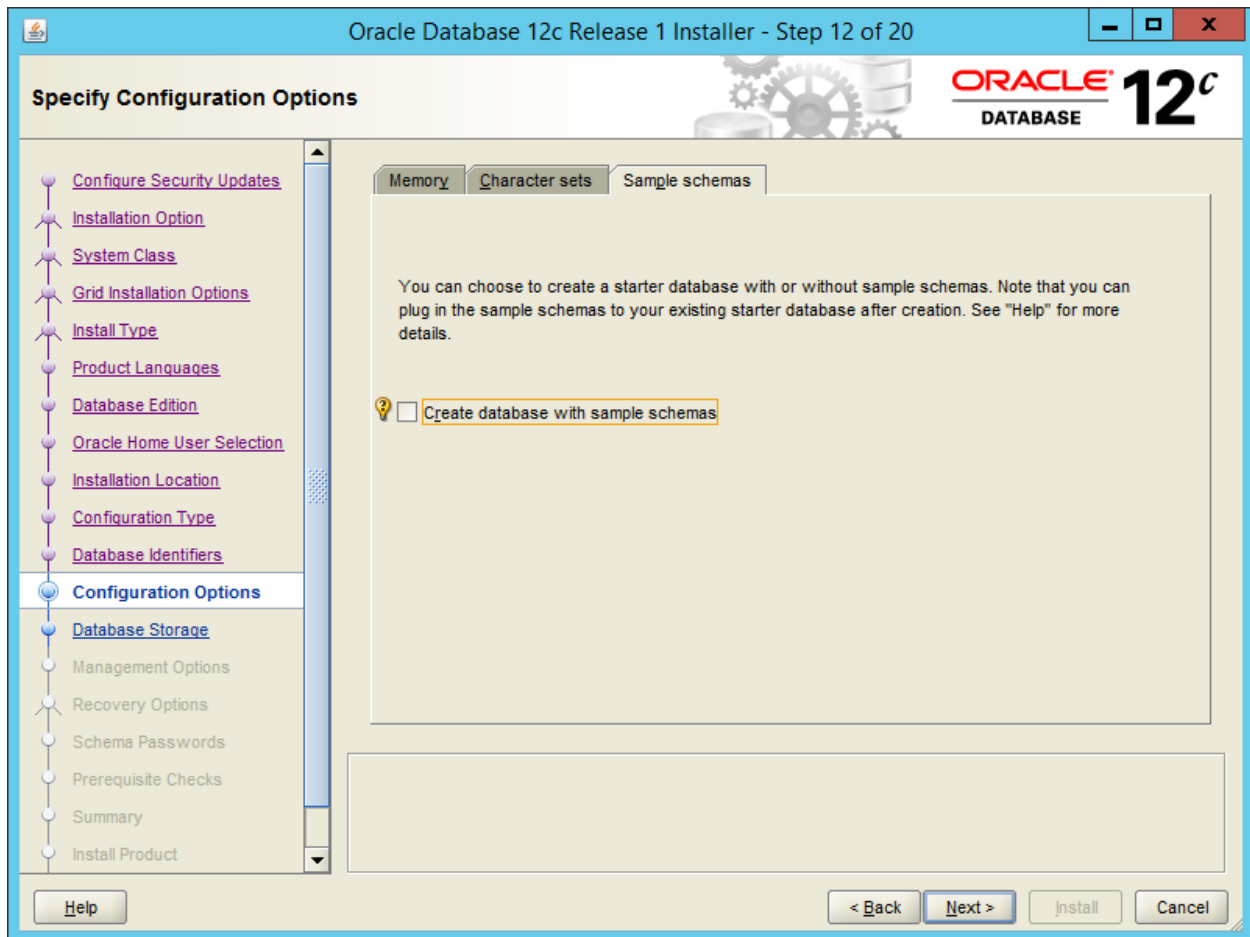
Install

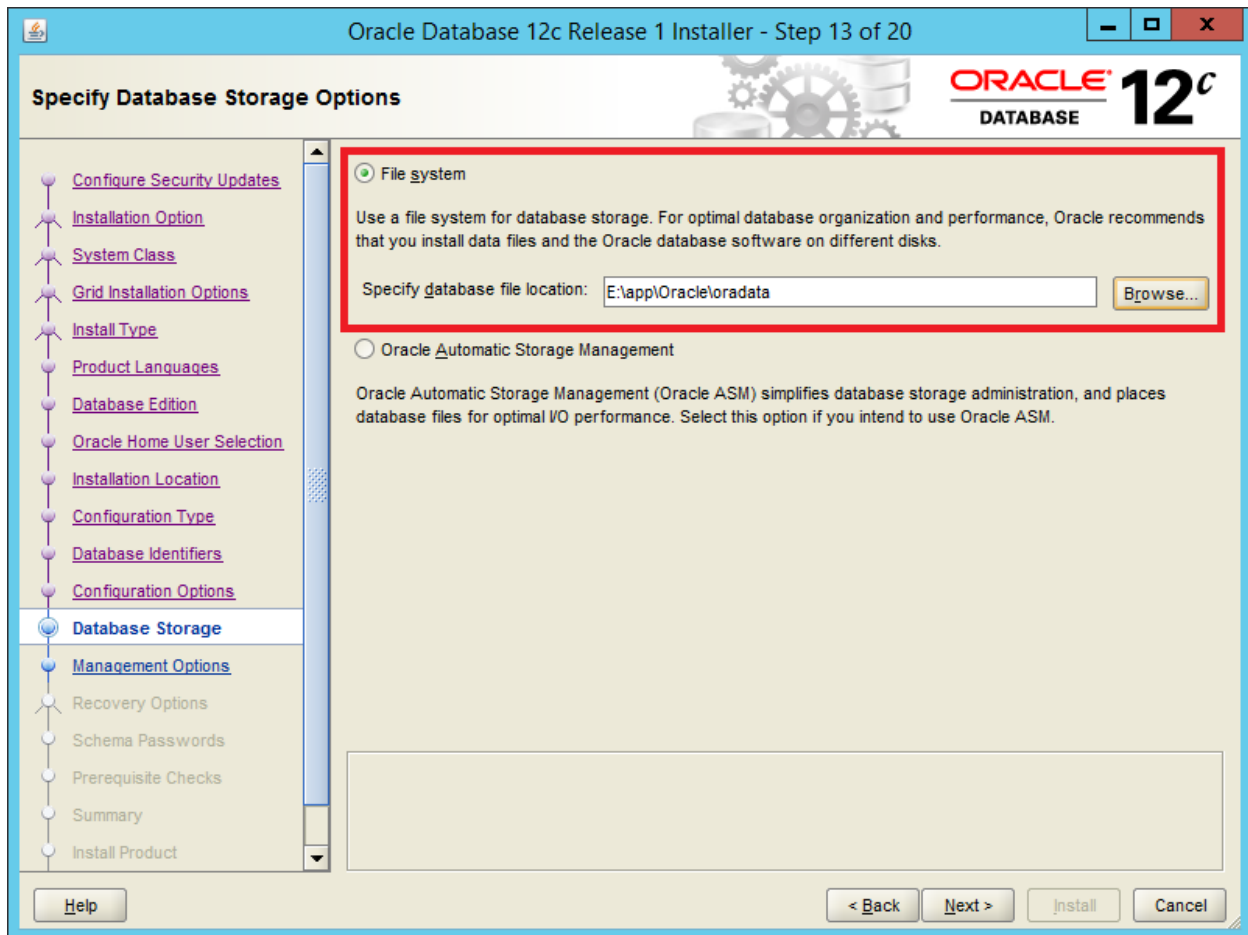
Cancel

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Oracle Database 12c Release 1 Installer - Step 14 of 20

Specify Management Options

Configure Security Updates

Installation Option

System Class

Grid Installation Options

Install Type

Product Languages

Database Edition

Oracle Home User Selection

Installation Location

Configuration Type

Database Identifiers

Configuration Options

Database Storage

Management Options

Recovery Options

Schema Passwords

Prerequisite Checks

Summary

Install Product

Oracle Database 12c is managed by Oracle Database Express by default. You can use Oracle Enterprise Manager 12c Cloud Control to manage each Oracle Database 12c centrally. Specify the details of the Cloud Control configuration to manage your database.

☐ Register with Enterprise Manager (EM) Cloud Control

OMS Host:biotics2012.nature.serve

OMS Port:7802

EM Admin User Name:system

EM Admin Password:.....

Help

< Back

Next >

Install

Cancel

