Installation procedure: Oracle 19c

Minimum requirement:

10GB Memory space

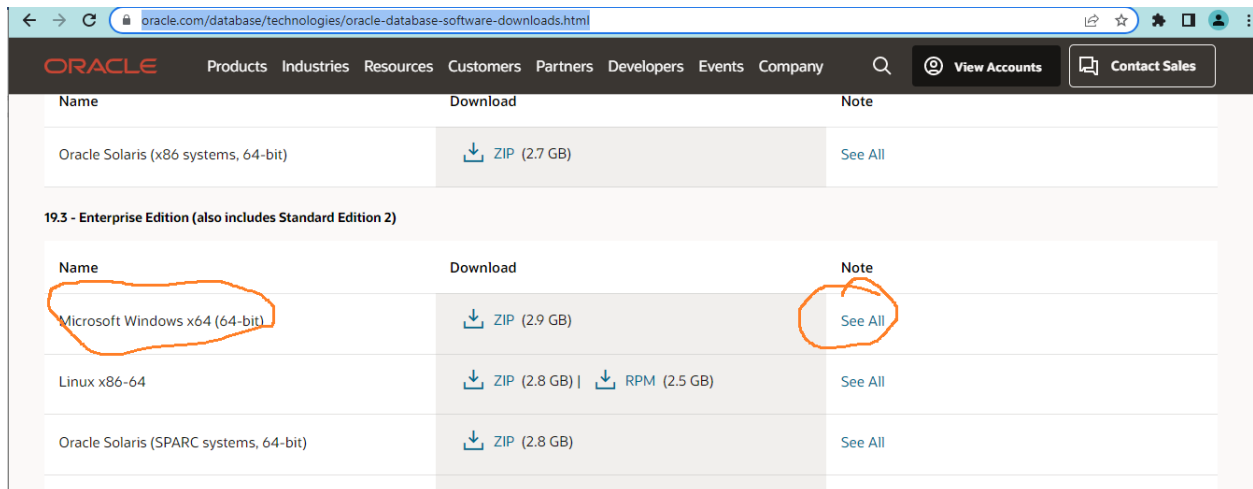**Intel/AMD 64bit architecture**

2GB RAM

1. **Sign in /login using account**
2. **Follow the url**
   https://www.oracle.com/database/technologies/oracle19c-windows-downloads.html

   i) **Choose the platform**

   ii) **Accept the license**

iii) download

3. Click setup.exe to install after extraction

Name	Date modified	Type	Size
perl	29/11/2022 22:09	File folder	
plsql	29/11/2022 22:10	File folder	
precomp	29/11/2022 22:10	File folder	
QOpatch	29/11/2022 22:10	File folder	
R	29/11/2022 22:14	File folder	
racg	29/11/2022 22:14	File folder	
rdbms	29/11/2022 22:17	File folder	
relnotes	29/11/2022 22:18	File folder	
slax	29/11/2022 22:18	File folder	
sqldeveloper	29/11/2022 22:18	File folder	
sqlj	29/11/2022 22:18	File folder	
sqlpatch	29/11/2022 22:18	File folder	
sqlplus	29/11/2022 22:18	File folder	
srvm	29/11/2022 22:18	File folder	
suptools	29/11/2022 22:19	File folder	
ucp	29/11/2022 22:22	File folder	
usm	29/11/2022 22:22	File folder	
utl	29/11/2022 22:22	File folder	
wwg	29/11/2022 22:22	File folder	
xdk	29/11/2022 22:22	File folder	
env.ora	29/11/2022 21:51	ORA File	1 KB
schagent.conf	29/11/2022 22:18	CONF File	3 KB
setup.bat	29/11/2022 22:18	Windows Batch File	2 KB
setup.exe	29/11/2022 22:18	Application	282 KB

i)   **Follow the steps to install**
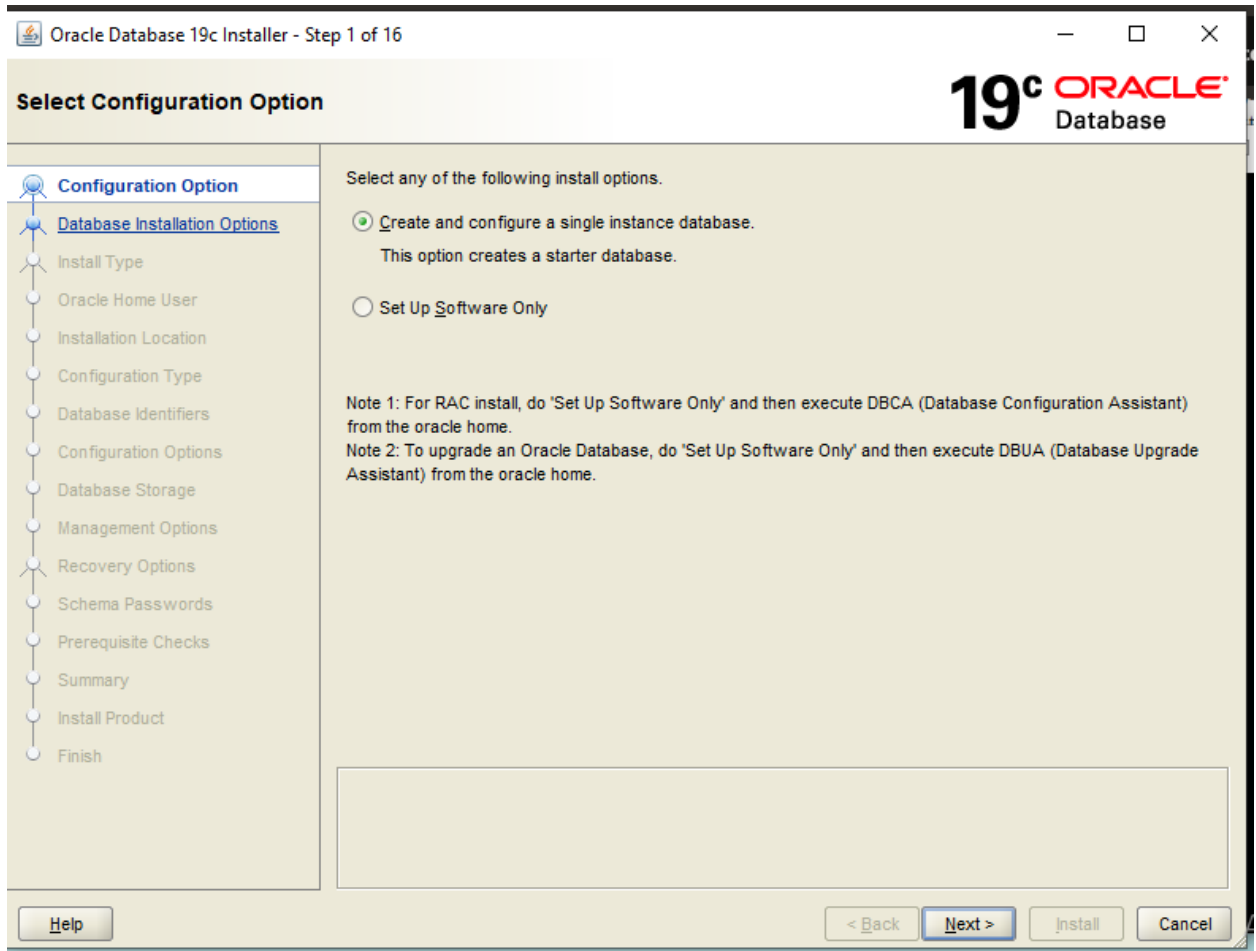
Oracle 19c installation procedure
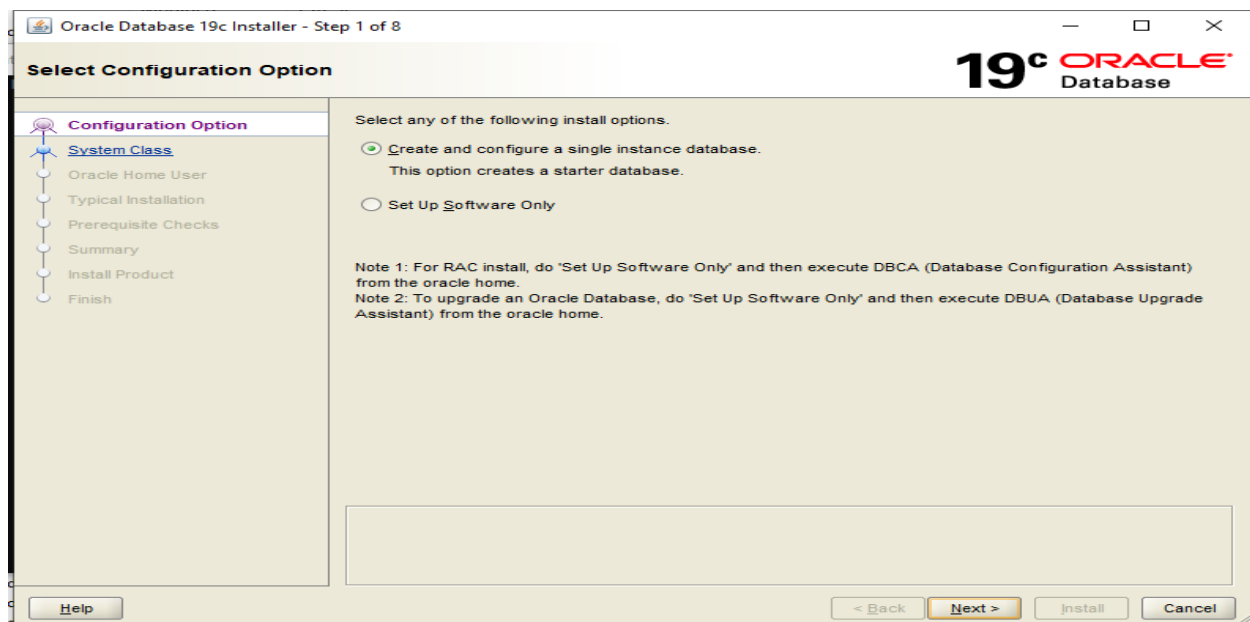
Select System Class

19c ORACLE
Database

- Configuration Option
- System Class
- Oracle Home User
- Typical Installation
- Prerequisite Checks
- Summary
- Install Product
- Finish

○ Desktop class

Choose this option if you are installing on a laptop or desktop class system. This option includes a starter database and allows minimal configuration.

○ Server class

Choose this option if you are installing on a server class system, which Oracle defines as a system used in a production data center. This option allows for more advanced configuration options.

Help < Back Next > Install Cancel

Specify Oracle Home User

19c ORACLE
Database

- Configuration Option
- System Class
- Oracle Home User
- Typical Installation
- Prerequisite Checks
- Summary
- Install Product
- Finish

For enhanced security, you may choose to run Windows Services from this Oracle home with a non-administrator account. Oracle recommends that you choose a Virtual Account or specify a standard Windows User Account for this purpose.

○ Use Virtual Account

○ 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

Specify Oracle Home User

19ᶜ ORACLE
Database

- Configuration Option
- System Class
- **Oracle Home User**
- Typical Installation
- Prerequisite Checks
- Summary
- Install Product
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○ Use Virtual Account

○ Use Existing Windows User

Oracle Database 19c Installer ✕

⚠ [INS-35810] You have selected to use Built-in Account for installation and configuration of Oracle Home. Oracle recommends that you specify a Windows User Account with limited privilege to install and configure a secure Oracle Home.

Are you sure you want to continue ?

Yes   No   Details

The newly created user is denied Windows logon privileges.

◉ Use Windows Built-in Account

Help   < Back   Next >   Install   Cancel

Typical Install Configuration

19^c ORACLE
Database

Perform full database installation with basic configuration.

Oracle base: D:\   Browse...

Software location: D:\oracle19c

Database file location: D:\oradata   Browse...

Database edition: Enterprise Edition

Character set: Unicode (AL32UTF8)

Global database name: orcl

Password: Confirm password:

☑ Create as Container database

Pluggable database name: orclpdb

Help   < Back   Next >   Install   Cancel

Click install
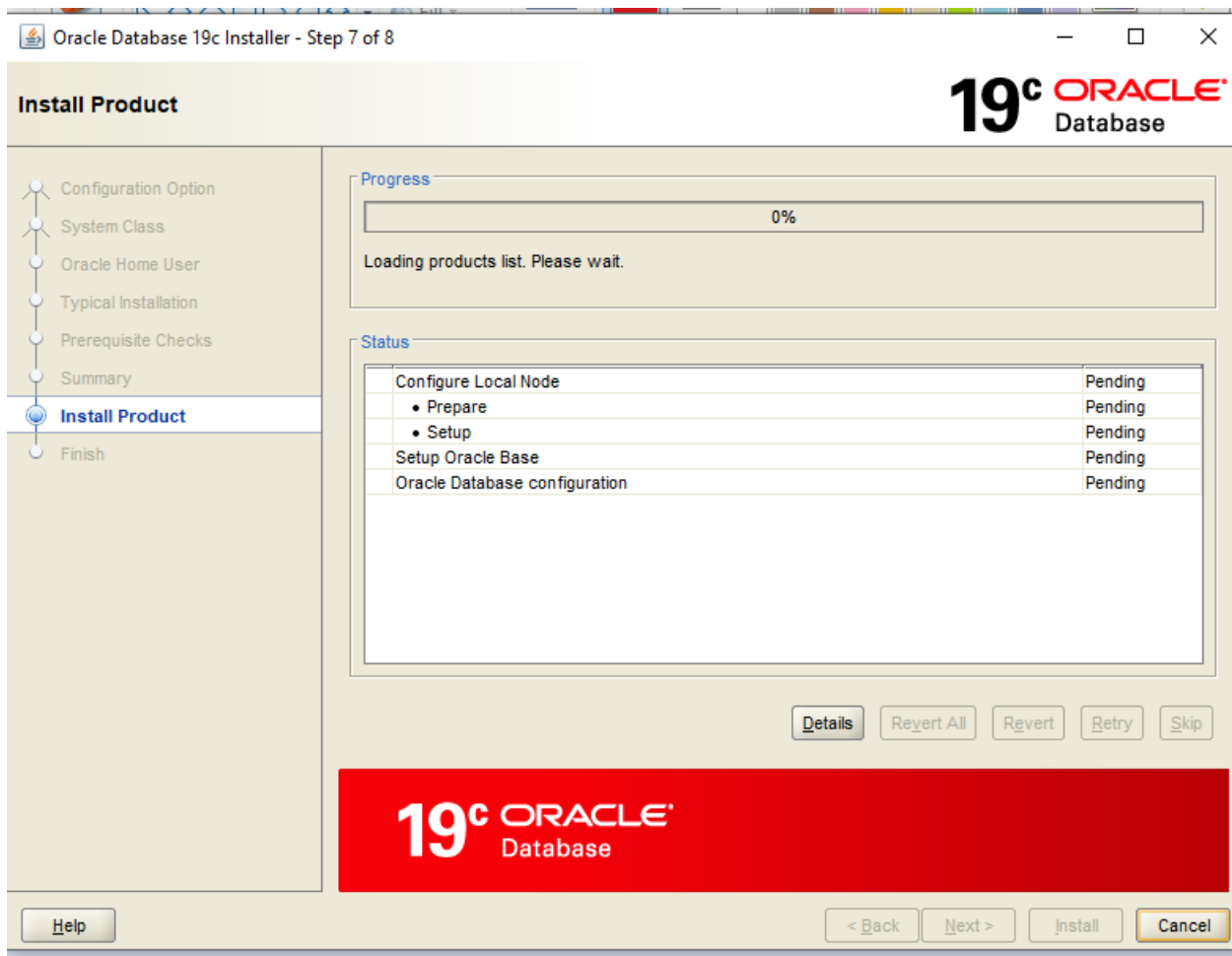
Download Jdbc driver

Or follow url

Set odbc10 driver the project

Project Structure

Project Settings
- Project
- Modules
- Libraries
- Facets
- Artifacts

Platform Settings
- SDKs
- Global Libraries

Problems

New Project Library
- Java
- From Maven...
- Kotlin/JS

Nothing to show

Select a library to view or edit its details here

Project Structure

Project Settings
- Project
- Modules
- Libraries
- Facets
- Artifacts

Platform Settings
- SDKs
- Global Libraries

Problems

Select Library Files

Select files or directories in which library classes, sources, documentation or native libraries are located

Hide path

E:\ojdbc10.jar

- admin
- apex
- db_home
- digital
- elangovan
- intelFPGA
- intelFPGA_lite
- jaya
- lab
- Microsoft VS Code
- ojdbc10
- PHD EXAMINER
- python
- review
- TIMETABLE
- ojdbc10.jar

Drag and drop a file into the space above to quickly locate it in the tree

OK   Cancel

Project Structure

Name: ojdbc10

ojdbc10

Project Settings
- Project
- Modules
- Libraries
- Facets
- Artifacts

Platform Settings
- SDKs
- Global Libraries

Problems

Classes
  E:\ojdbc10.jar

OK   Cancel   Apply

```java
package jdbc;
import java.sql.DriverManager;
import java.sql.Connection;
import java.sql.SQLException;
import java.sql.Statement;
import java.sql.ResultSet;
public class JDBCclass {
    public static void main(String args[]){
        System.out.println("Oracle JDBC Connection Testing ");
        //load oracle driver
        try (Connection conn = DriverManager.getConnection(
                url "jdbc:oracle:thin:@localhost:1521:orcl", user "system", password "Oracle123")) {
            if (conn != null) {
                System.out.println("Connected to the database!");
            } else {
                System.out.println("Failed to make connection!");
            }
        } catch (SQLException e) {
            e.printStackTrace();
        } catch (Exception e) {
            e.printStackTrace();
        }
        /* try{
```

java_lab
External Libraries
Scratches and Consoles

Run: JDBCclass

"C:\Program Files\JetBrains\jdk-11.0.12\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2.1\lib\idea_rt.jar=55148:C:\Prog
Oracle JDBC Connection Testing
Connected to the database!