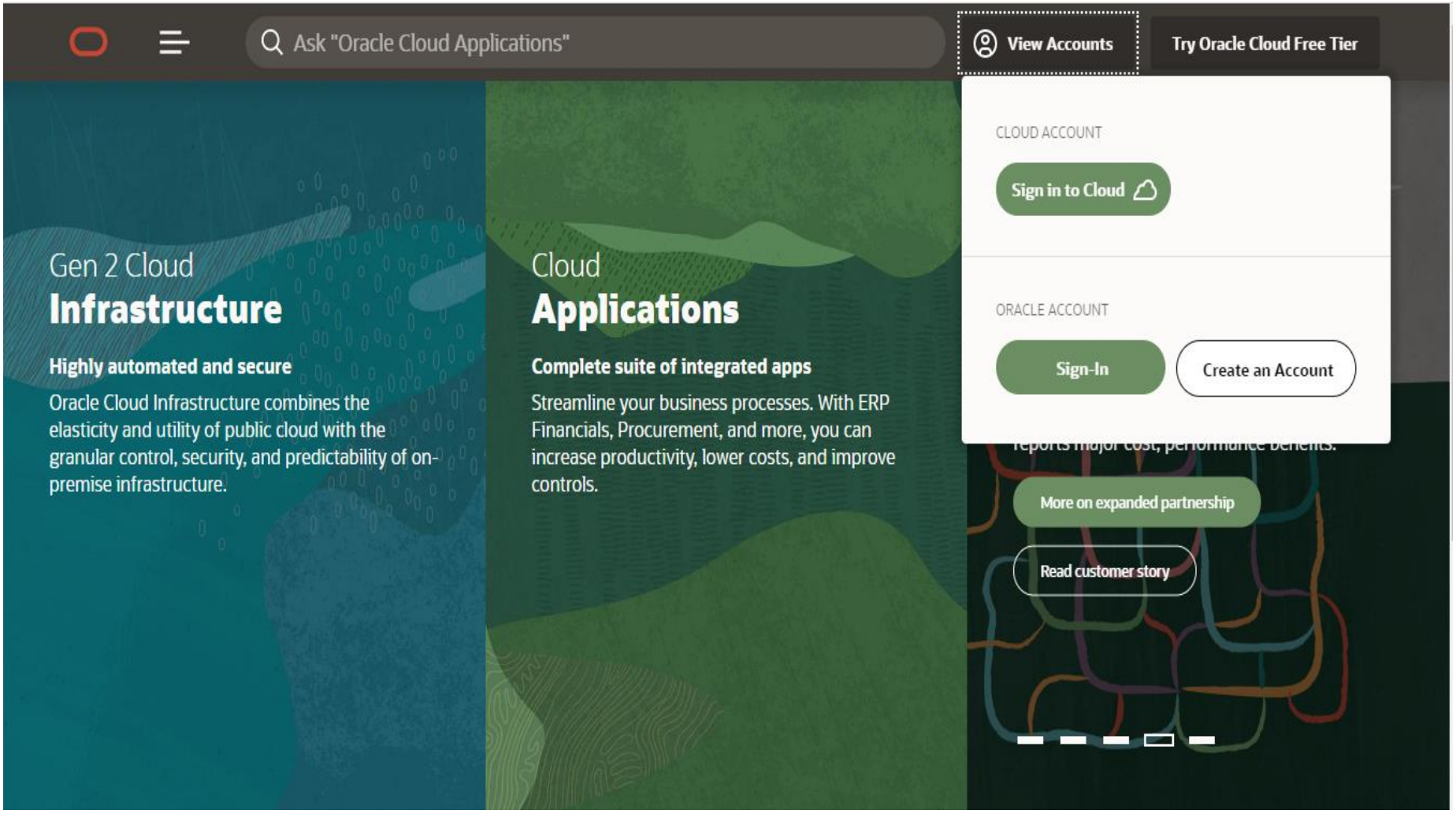
Installation of Oracle Database 19c on Windows and connection with Navicat

Steps of installation

- Step 1 : Creating an OTN account
- Step 2 : Downloading Oracle Database 19c
- Step 3 : Unzipping Oracle
- Step 4 : Installing and Configuring Oracle

Step 1 : Creating an OTN account

- Applicable if you want to download the oracle 19c by yourself
- Go to http://www.oracle.com/index.html and register for an account of your own.


Ask "Oracle Cloud Applications"
View Accounts
Try Oracle Cloud Free Tier
CLOUD ACCOUNT
Sign in to Cloud
ORACLE ACCOUNT
Sign-In
Create an Account
Gen 2 Cloud
Infrastructure
Highly automated and secure
Oracle Cloud Infrastructure combines the elasticity and utility of public cloud with the granular control, security, and predictability of on-premise infrastructure.
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Applications
Complete suite of integrated apps
Streamline your business processes. With ERP Financials, Procurement, and more, you can increase productivity, lower costs, and improve controls.
More on expanded partnership
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Step 2: Downloading Oracle 19c

- Go to the following link

https://www.oracle.com/database/technologies/oracle-database-software-downloads.html

and scroll down to find the screenshot in the next slide

https://www.oracle.com/database/technologies/oracle-database-software-downloads.html

ORACLE Products Industries Resources Support Events Developer

19.5 - Enterprise Edition (also includes Standard Edition 2)

Name	Download	Note
Oracle Solaris (x86 systems, 64-bit)	ZIP (2.7 GB)	See All

19.3 - Enterprise Edition (also includes Standard Edition 2)

Name	Download	Note
Microsoft Windows x64 (64-bit)	ZIP (2.9 GB)	See All
Linux x86-64	ZIP (2.8 GB) | RPM (2.5 GB)	See All
Oracle Solaris (SPARC systems, 64-bit)	ZIP (2.8 GB)	See All
IBM AIX	ZIP (4.1 GB)	See All
HP-UX ia64	ZIP (4.7 GB)	See A

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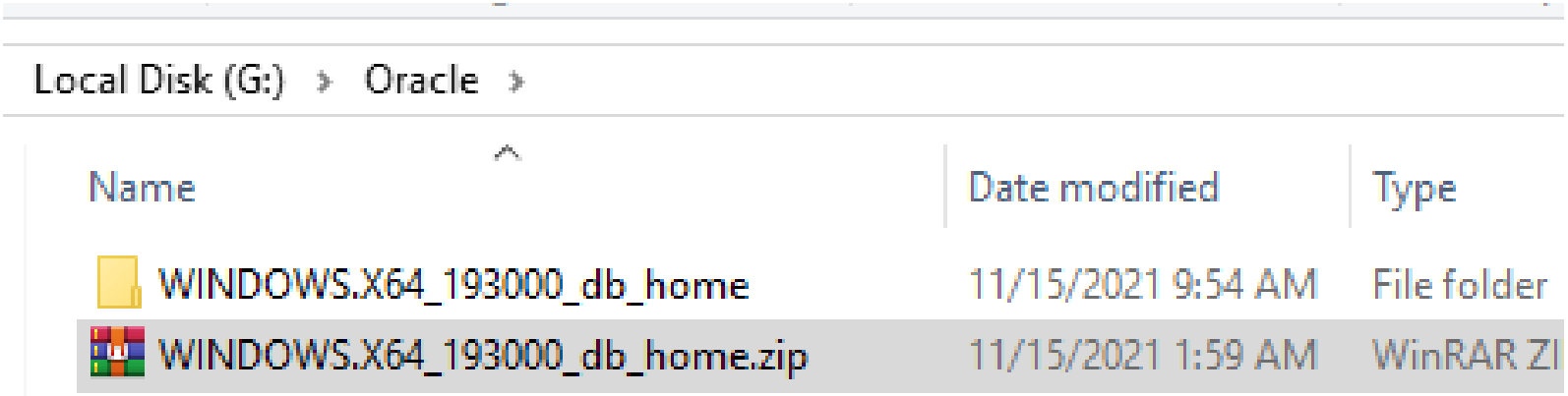
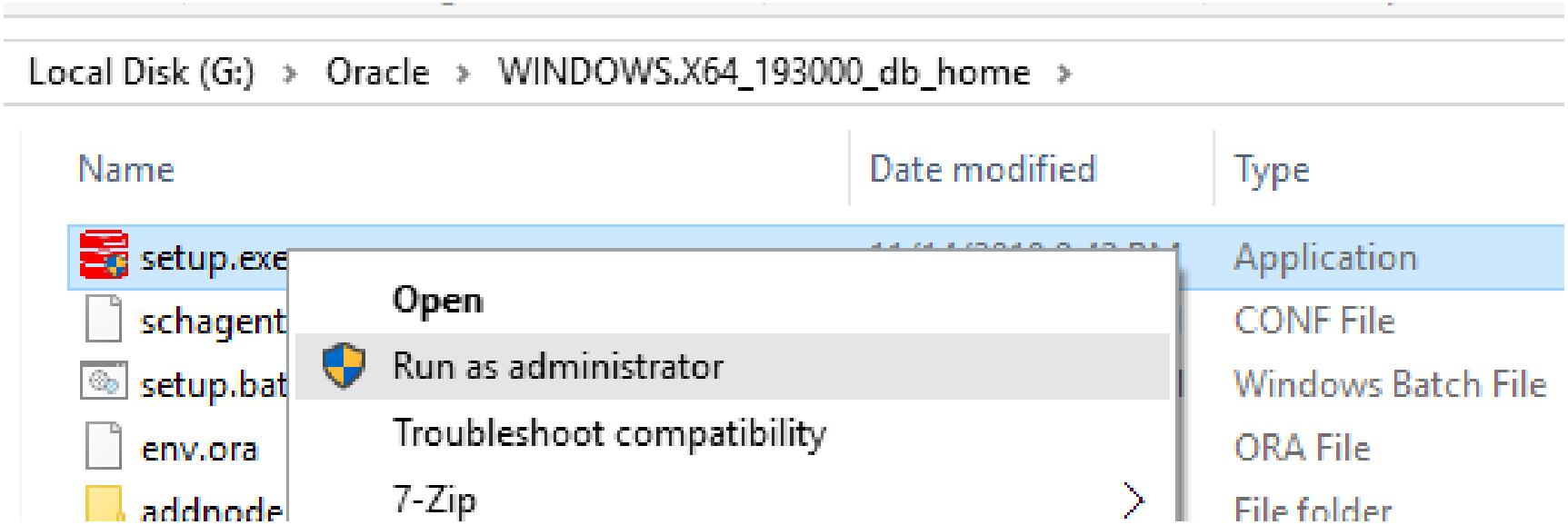
Step 3: Unzipping

- Download the ZIP file
- Move the ZIP file to the folder which you want to use as DB Home** and extract there



Step 4: Installation

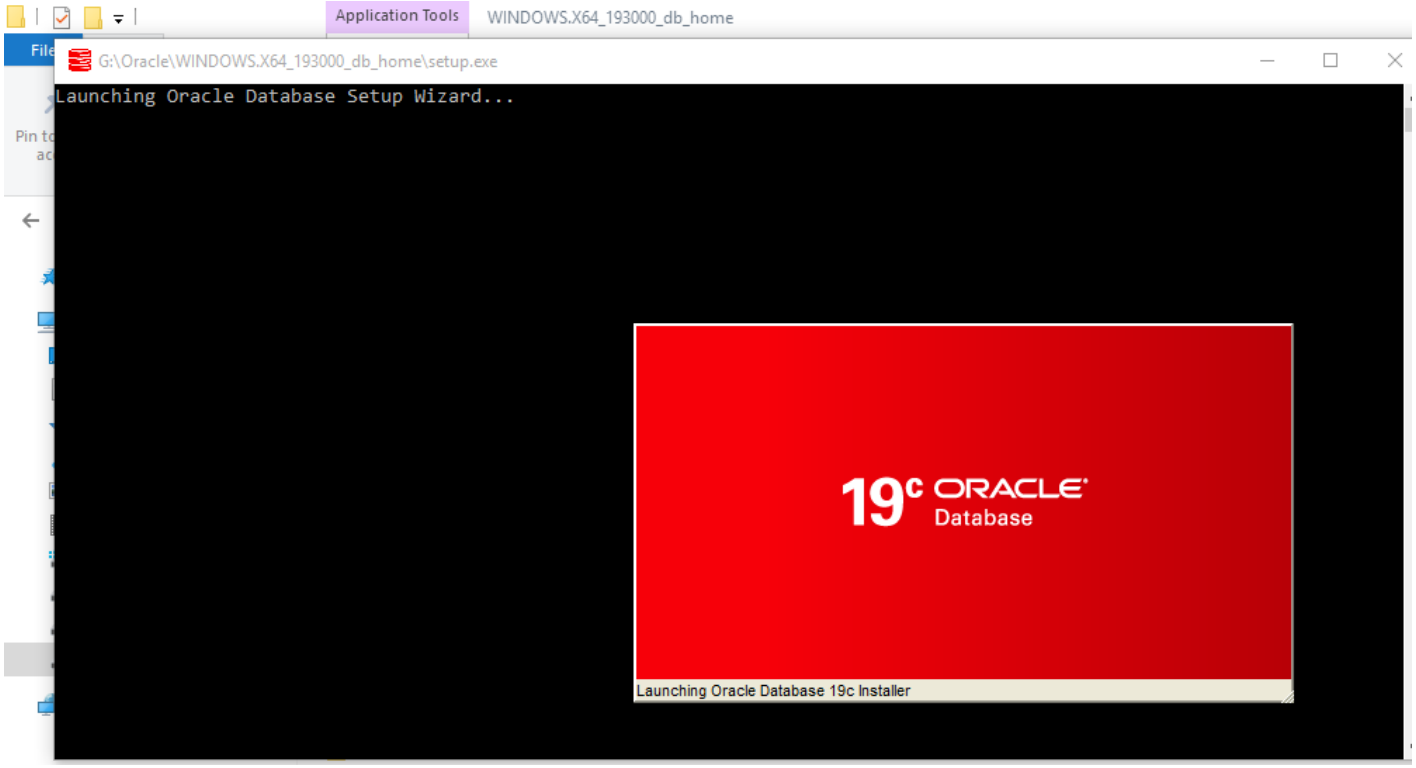
- Navigate to the unzipped folder
- Run setup.exe as administrator**



Step 4 : Installation contd.

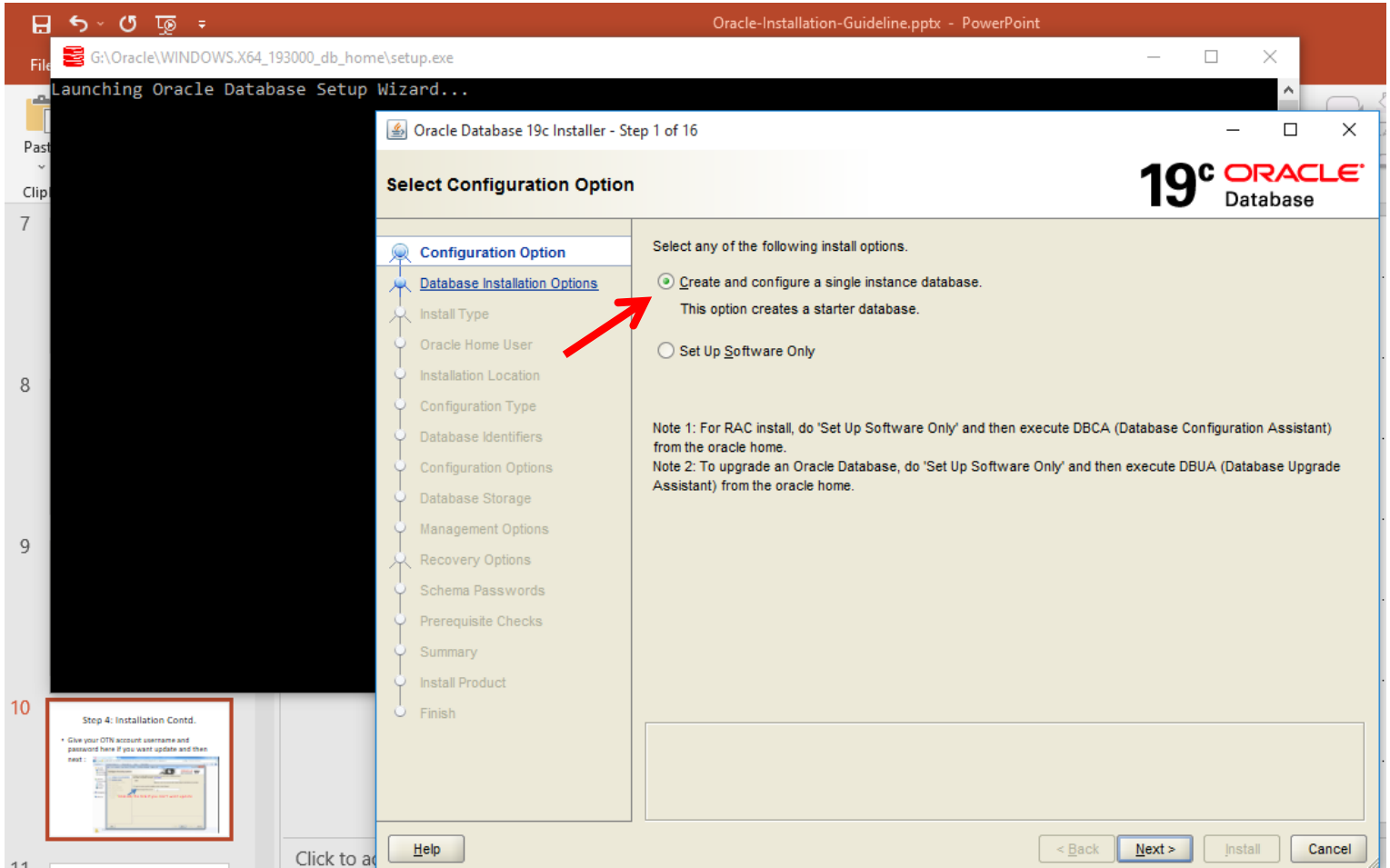
Installation starts with this window:

If any warning about environment is shown just ignore and continue



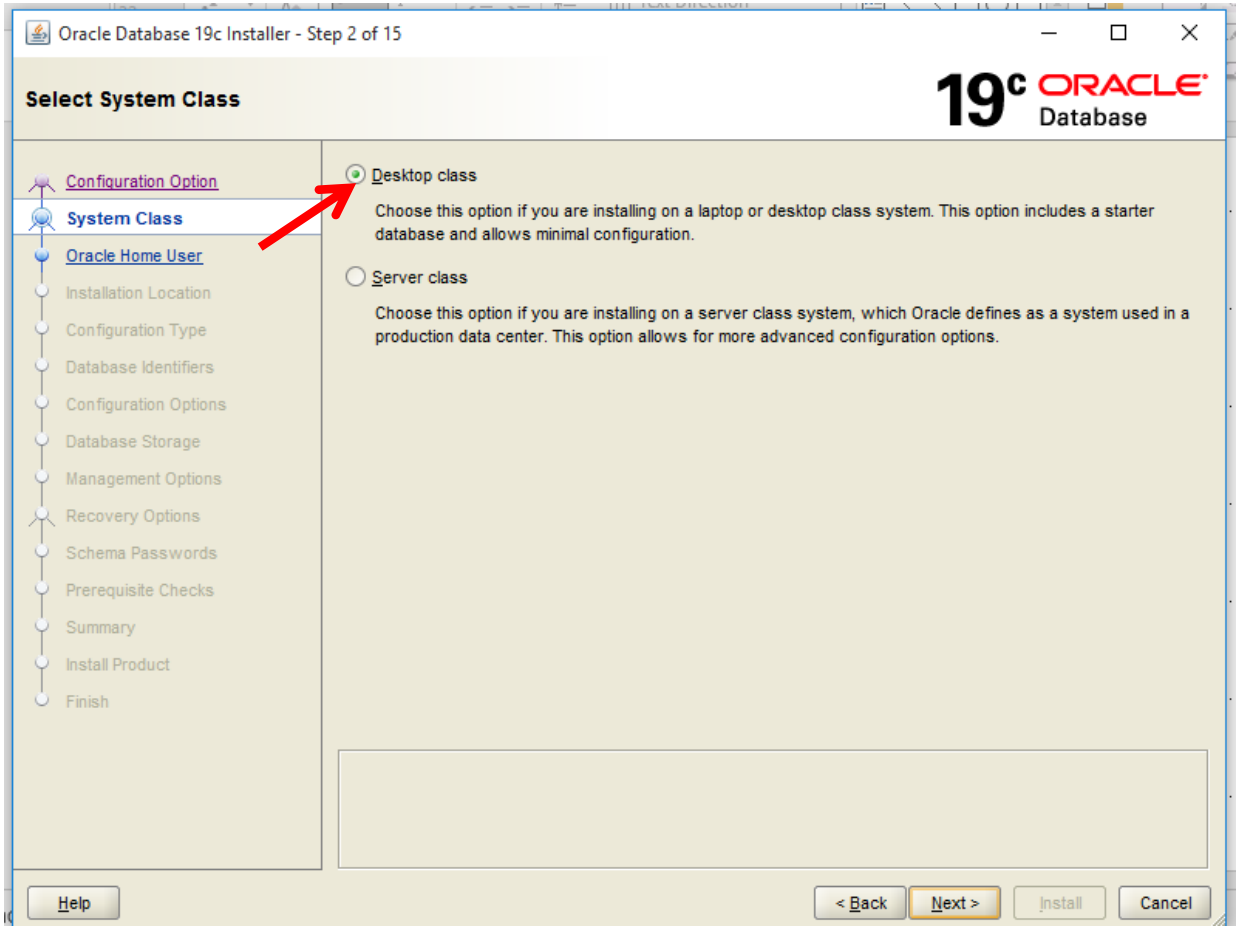
Step 4: Installation Contd.

- Choose the first (Default) option and click Next



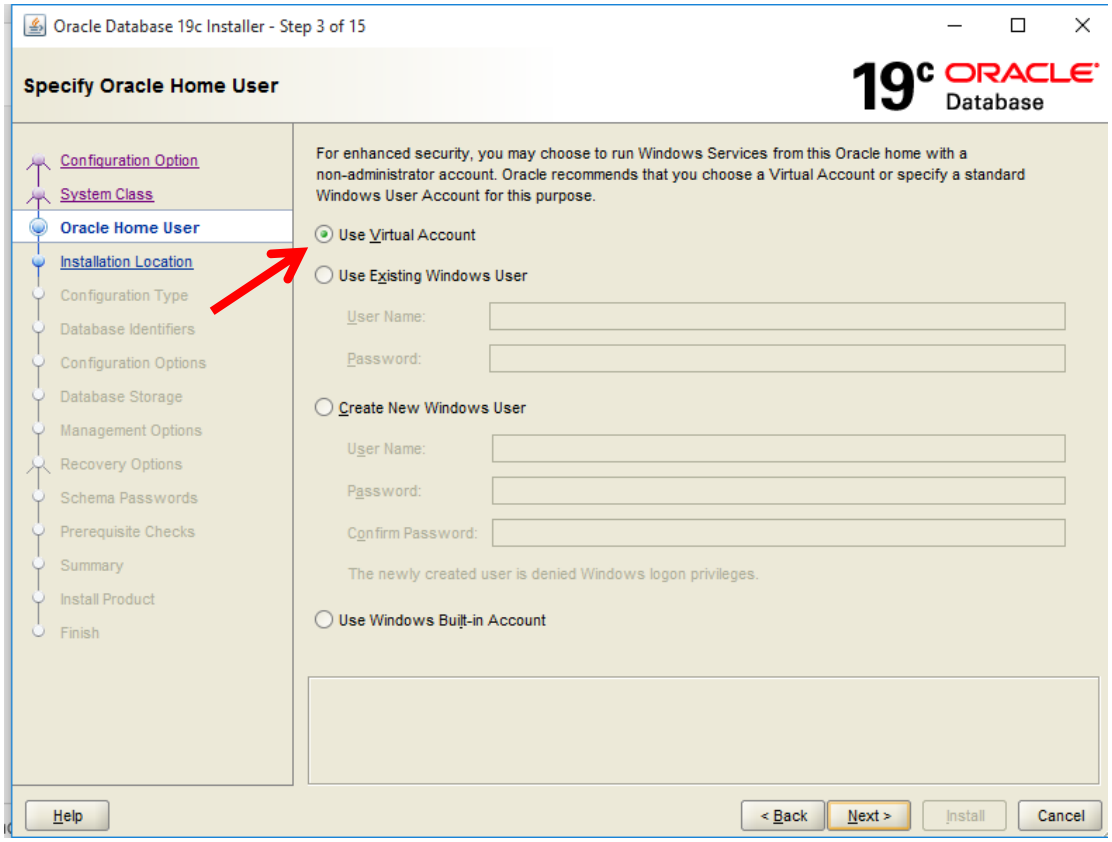
Step 4: Installation Contd.

- Choose the first (Default) option and click Next



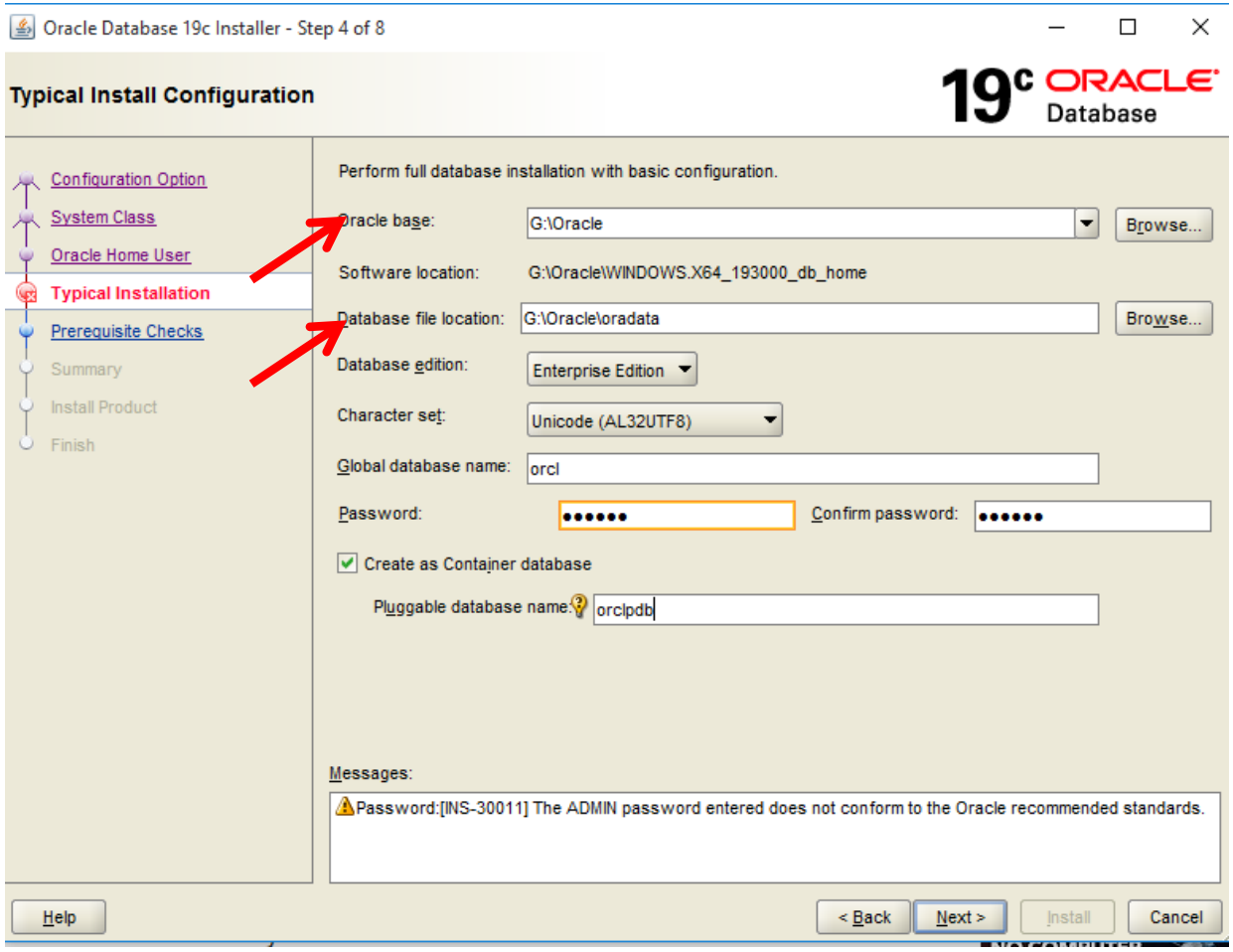
Step 4: Installation Contd.

- Choose the first (default) option and click Next



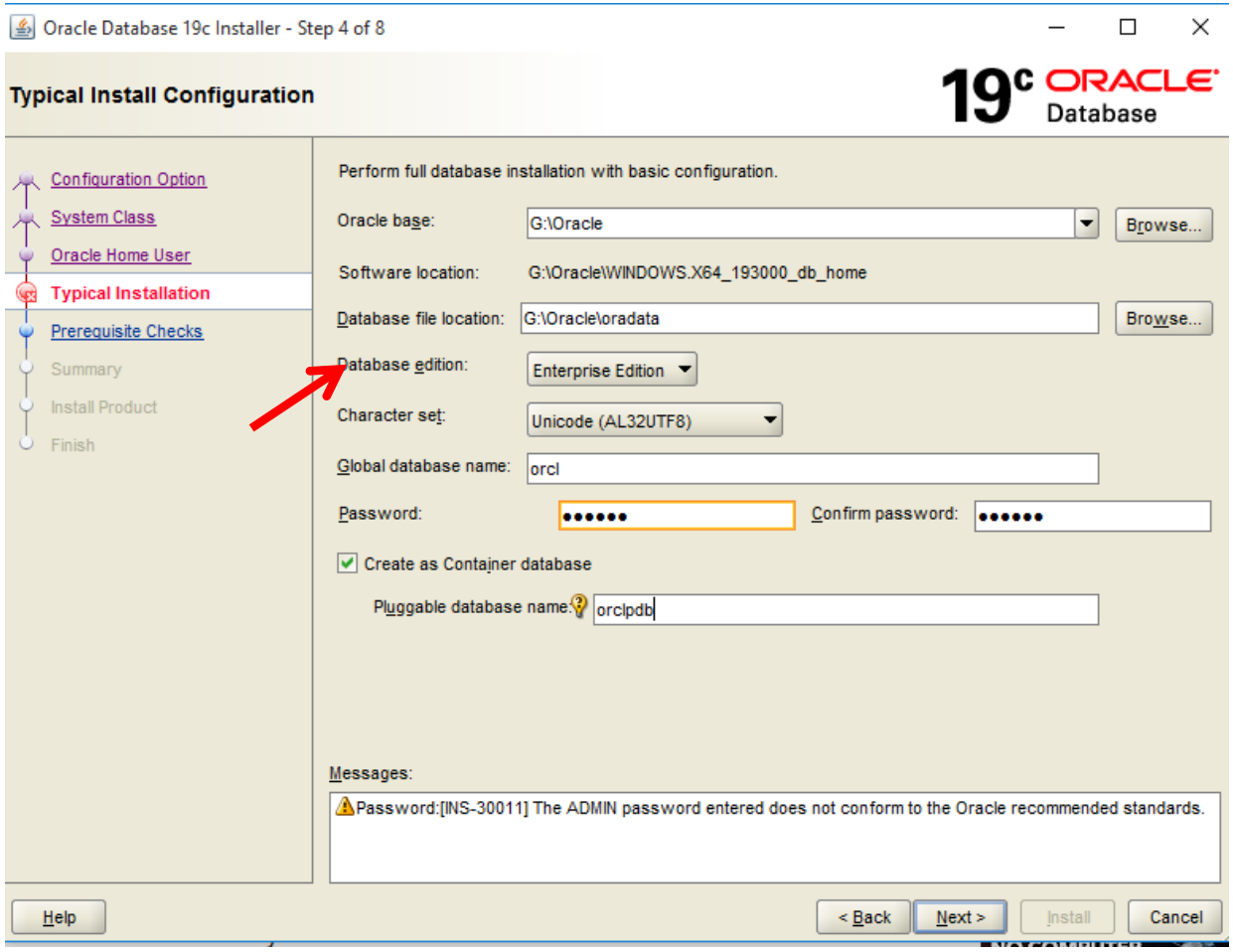
Step 4: Installation Contd.

- Set the locations or keep them as they are



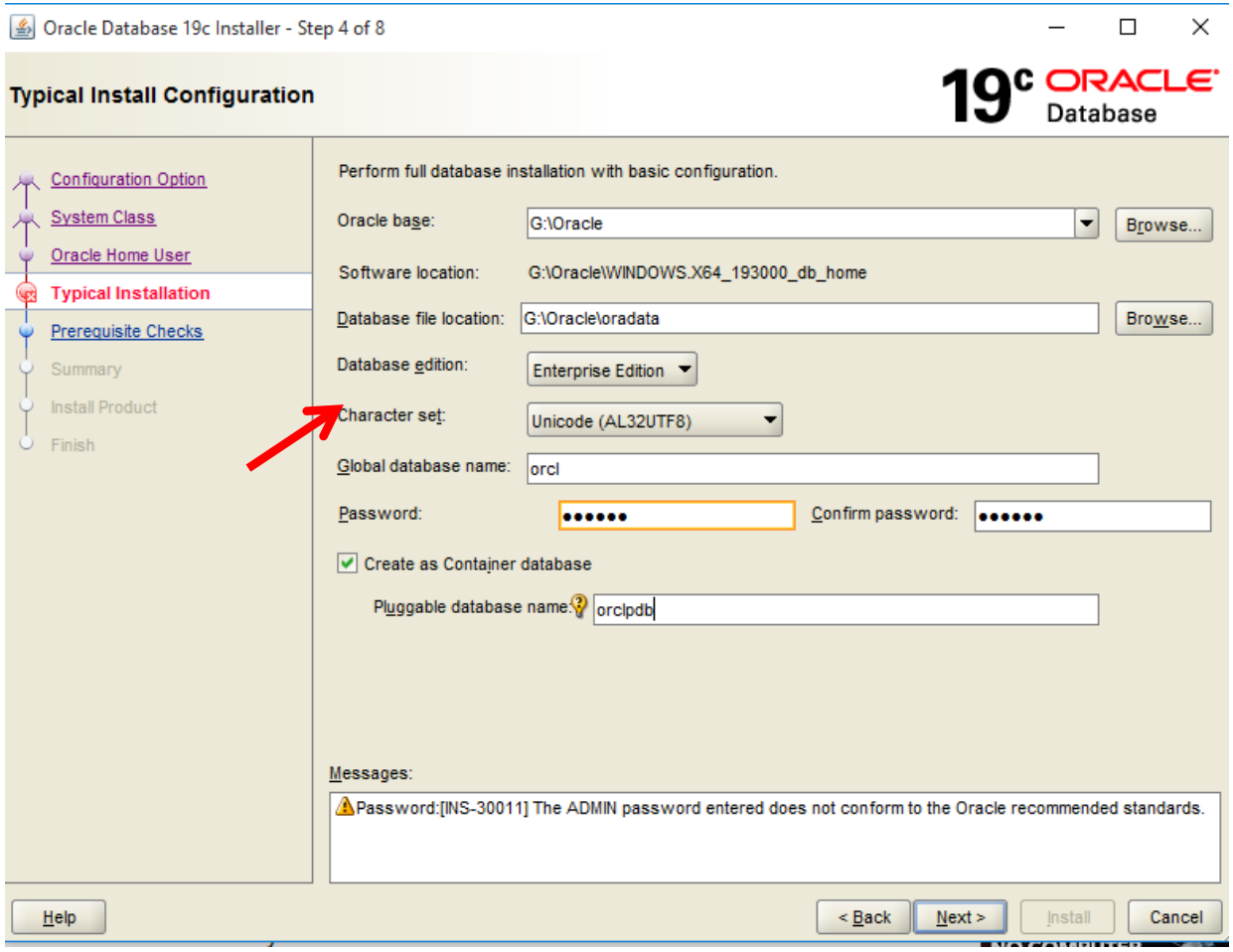
Step 4: Installation Contd.

- Choose the first (default) option [Enterprise Edition]



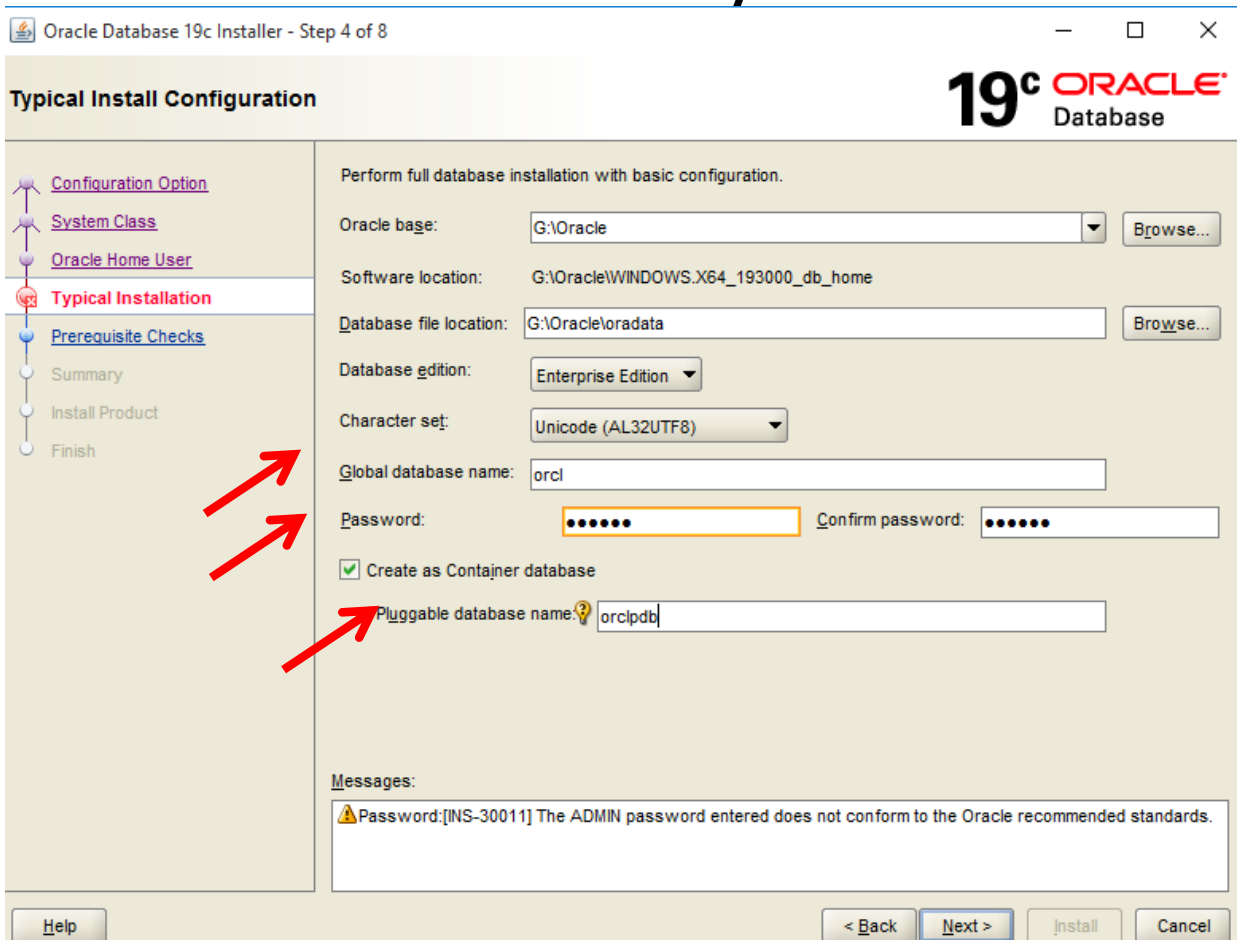
Step 4: Installation Contd.

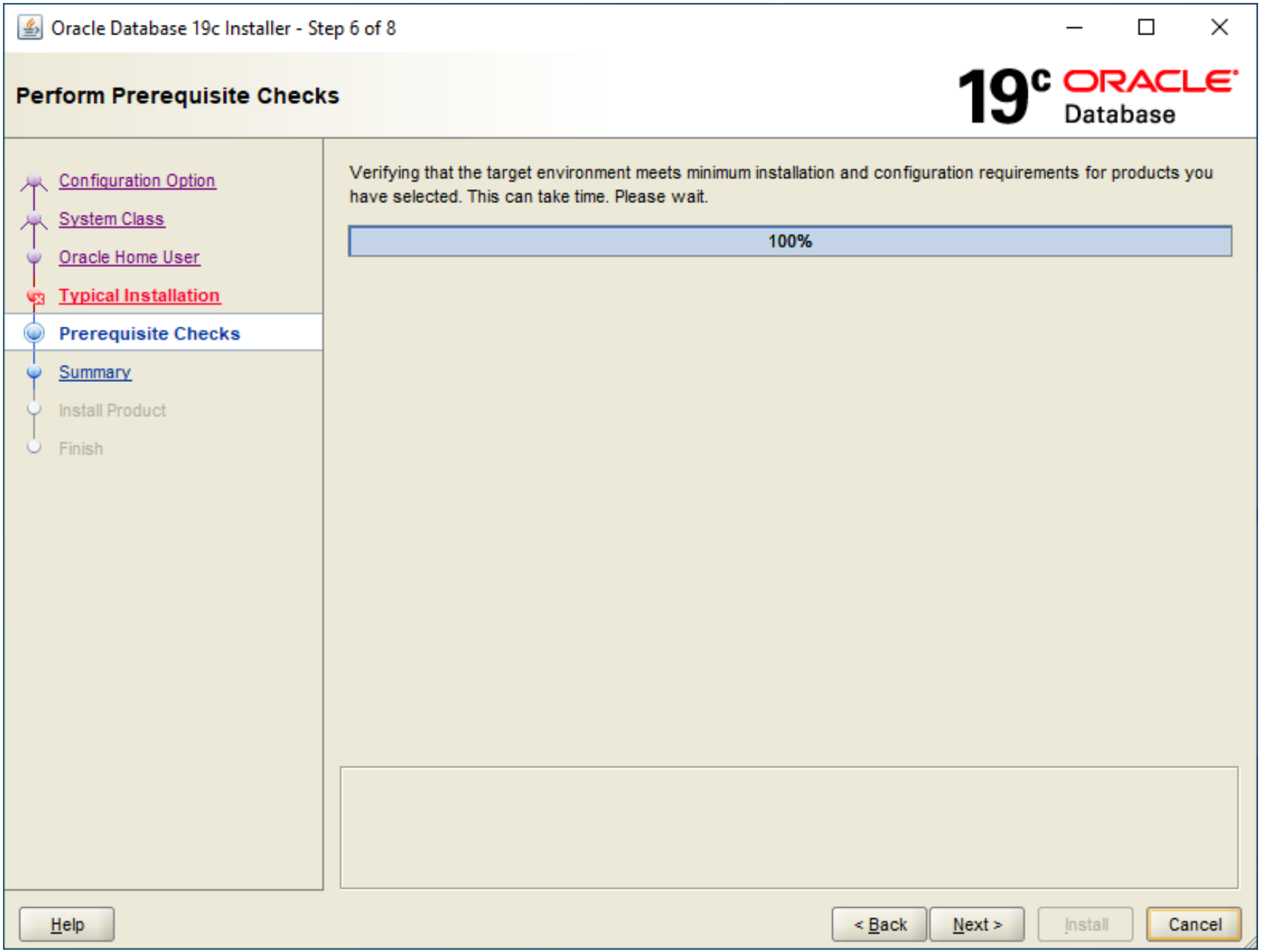
- Choose Unicode [Default]

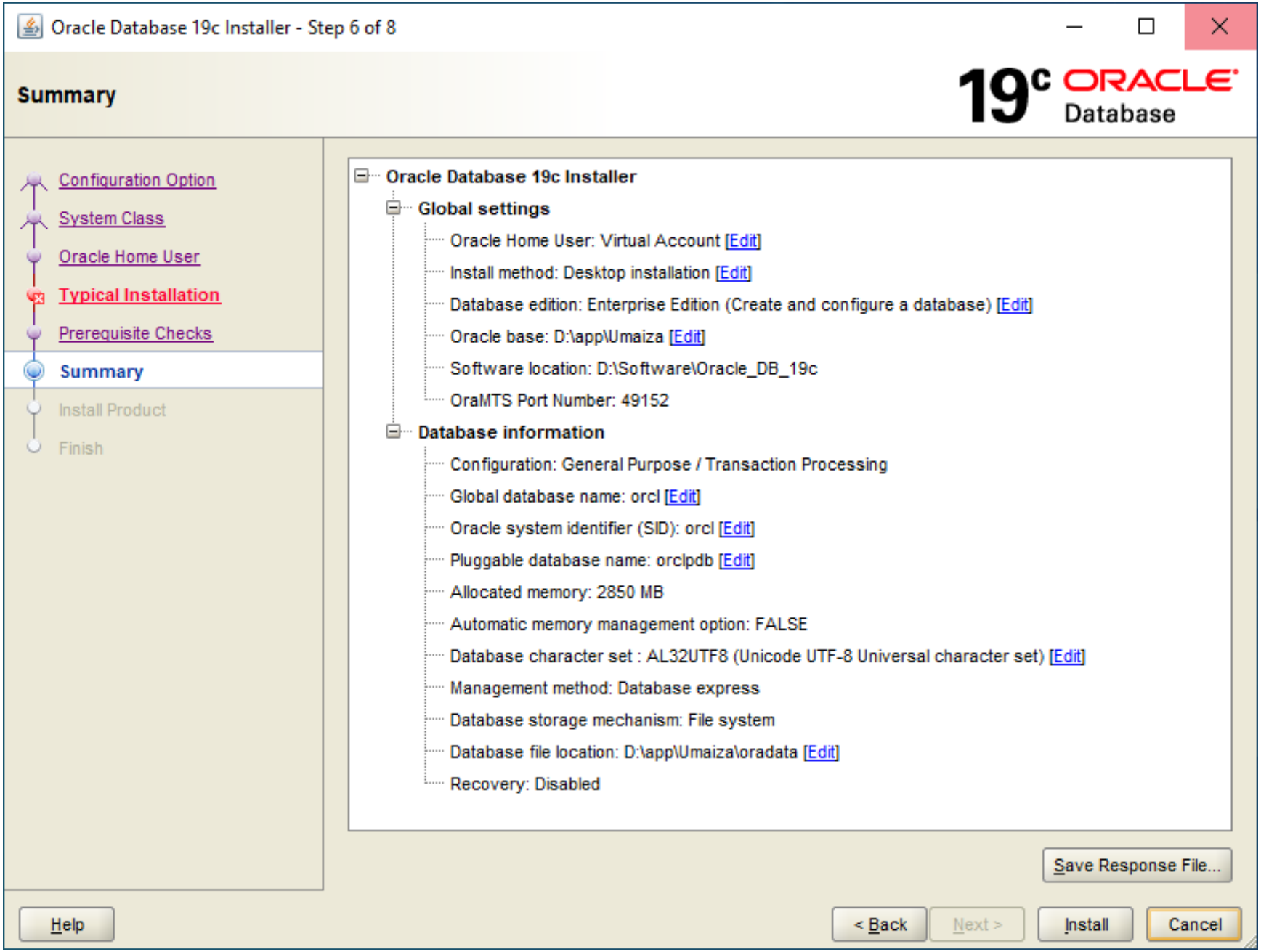


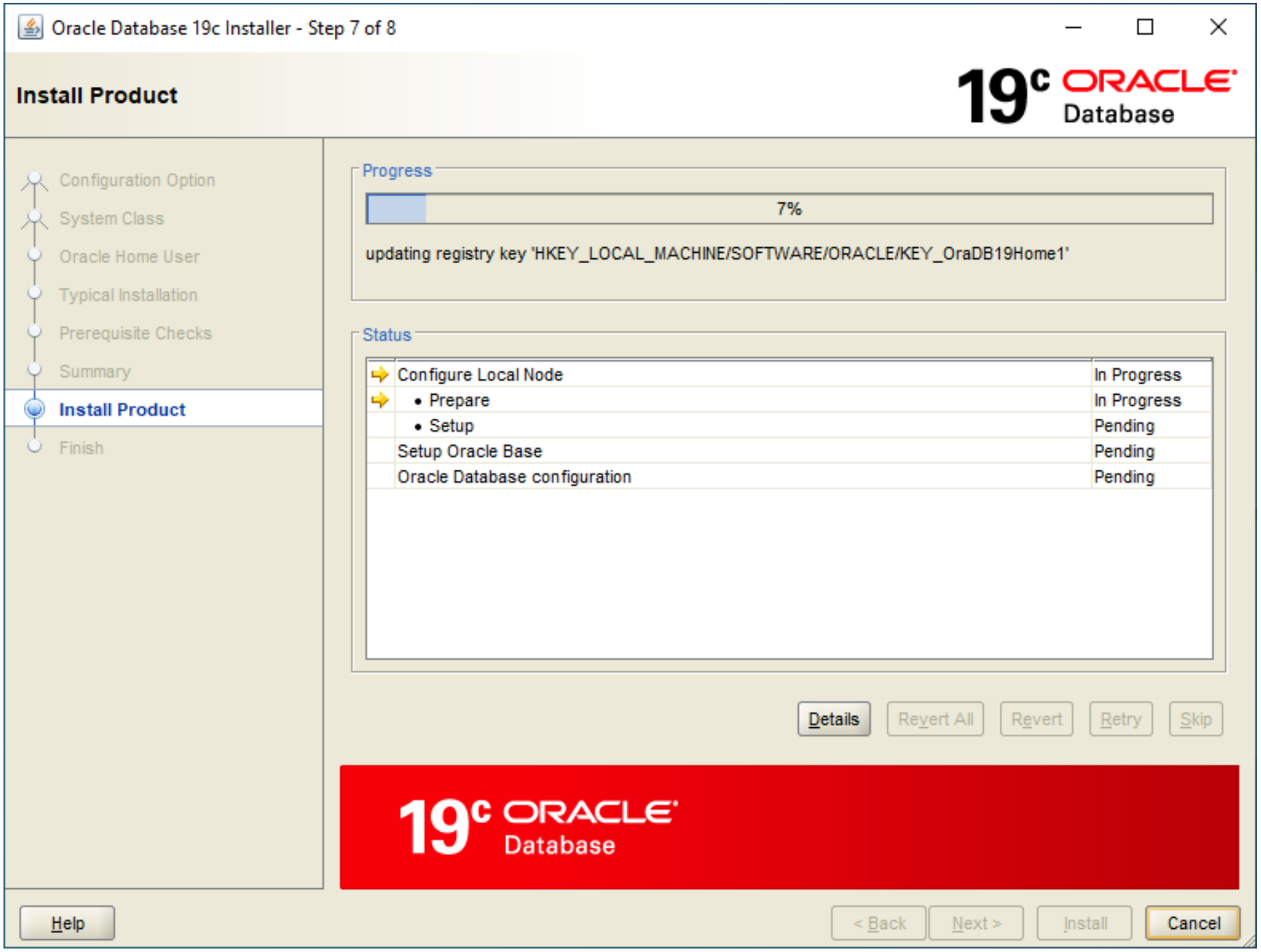
Step 4: Installation Contd.

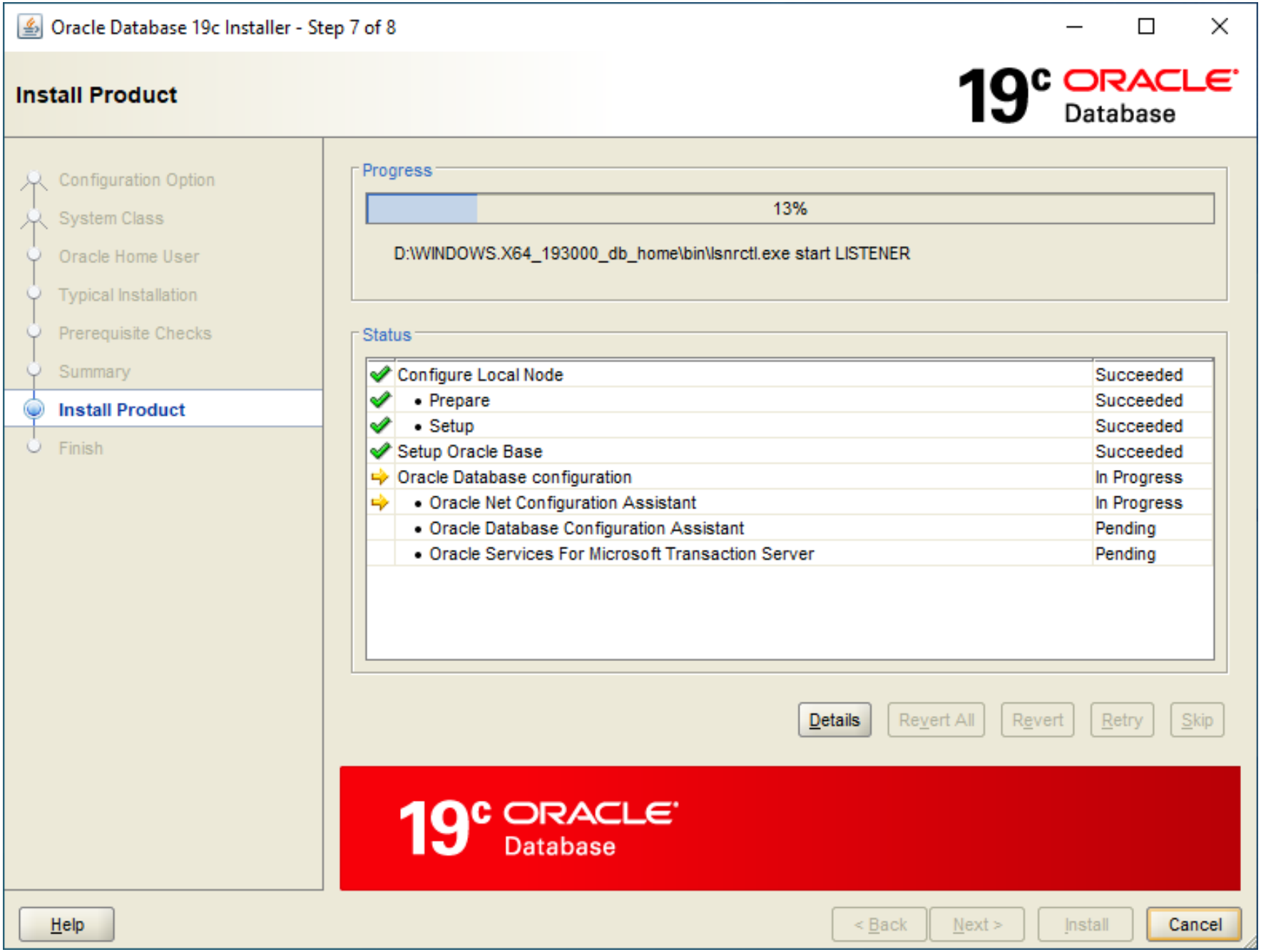
- Fill and note down** these fields
- This password is your **Admin Password** for oracle
- Oracle Database name is your **SID**




Oracle Database 19c Installer - Step 6 of 8
Perform Prerequisite Checks
19c ORACLE Database
Configuration Option
System Class
Oracle Home User
Typical Installation
Prerequisite Checks
Summary
Install Product
Finish
Verifying that the target environment meets minimum installation and configuration requirements for products you have selected. This can take time. Please wait.
100%
Help
< Back
Next >
Install
Cancel

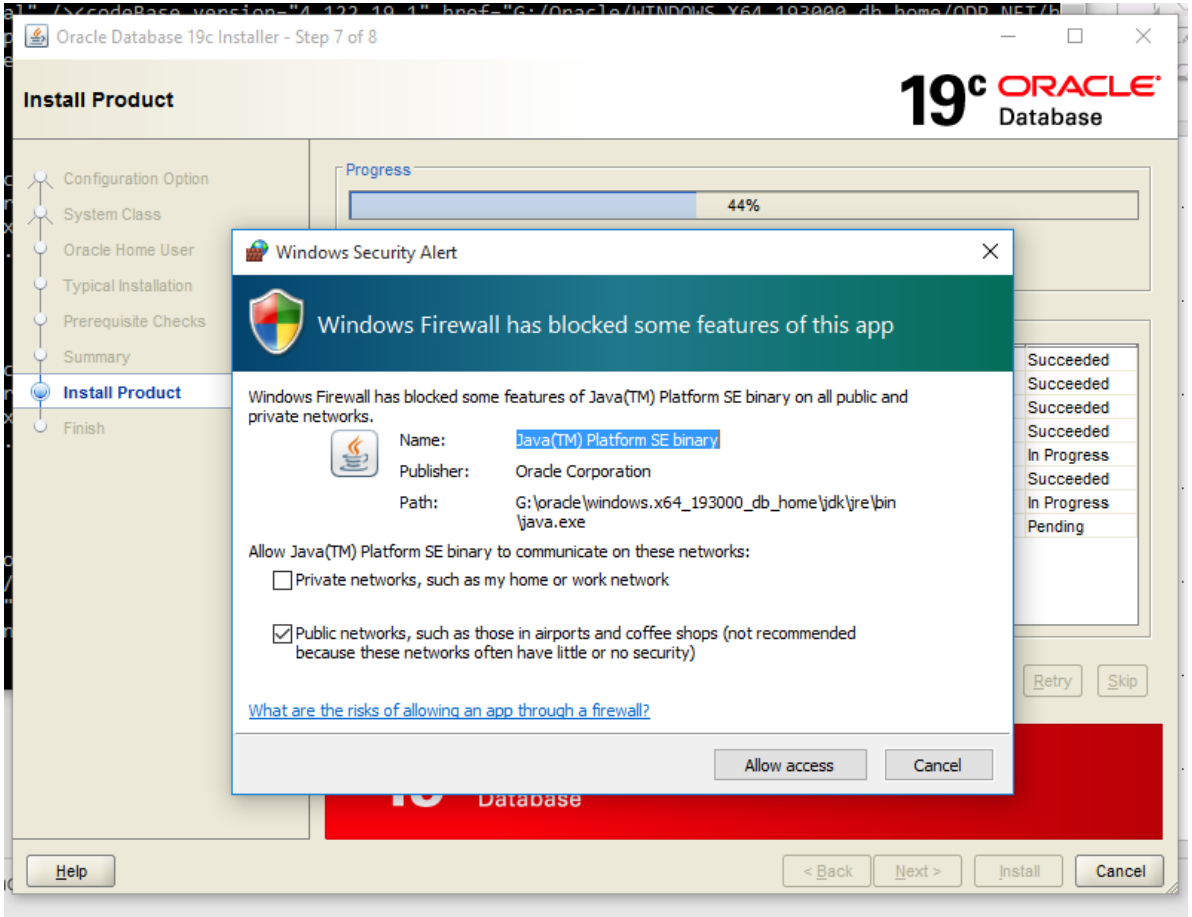

Oracle Database 19c Installer - Step 6 of 8
Summary
19c ORACLE Database
Configuration Option
System Class
Oracle Home User
Typical Installation
Prerequisite Checks
Summary
Install Product
Finish
Oracle Database 19c Installer
Global settings
Oracle Home User: Virtual Account [Edit]
Install method: Desktop installation [Edit]
Database edition: Enterprise Edition (Create and configure a database) [Edit]
Oracle base: D:\app\Umaiza [Edit]
Software location: D:\Software\Oracle_DB_19c
OraMTS Port Number: 49152
Database information
Configuration: General Purpose / Transaction Processing
Global database name: orcl [Edit]
Oracle system identifier (SID): orcl [Edit]
Pluggable database name: orclpdb [Edit]
Allocated memory: 2850 MB
Automatic memory management option: FALSE
Database character set : AL32UTF8 (Unicode UTF-8 Universal character set) [Edit]
Management method: Database express
Database storage mechanism: File system
Database file location: D:\app\Umaiza\oradata [Edit]
Recovery: Disabled
Save Response File...
Help
< Back
Next >
Install
Cancel


Oracle Database 19c Installer - Step 7 of 8
Install Product
19c ORACLE Database
Configuration Option
System Class
Oracle Home User
Typical Installation
Prerequisite Checks
Summary
Install Product
Finish
Progress
7%
updating registry key 'HKEY_LOCAL_MACHINE/SOFTWARE/ORACLE/KEY_OraDB19Home1'
Status
Configure Local Node In Progress
• Prepare In Progress
• Setup Pending
Setup Oracle Base Pending
Oracle Database configuration Pending
Details
Revert All
Revert
Retry
Skip
19c ORACLE Database
Help
< Back
Next >
Install
Cancel


Oracle Database 19c Installer - Step 7 of 8
Install Product
19c ORACLE Database
Configuration Option
System Class
Oracle Home User
Typical Installation
Prerequisite Checks
Summary
Install Product
Finish
Progress
13%
D:\WINDOWS.X64_193000_db_home\bin\lsnrctl.exe start LISTENER
Status
Configure Local Node Succeeded
• Prepare Succeeded
• Setup Succeeded
Setup Oracle Base Succeeded
Oracle Database configuration In Progress
• Oracle Net Configuration Assistant In Progress
• Oracle Database Configuration Assistant Pending
• Oracle Services For Microsoft Transaction Server Pending
Details
Revert All
Revert
Retry
Skip
19c ORACLE Database
Help
< Back
Next >
Install
Cancel

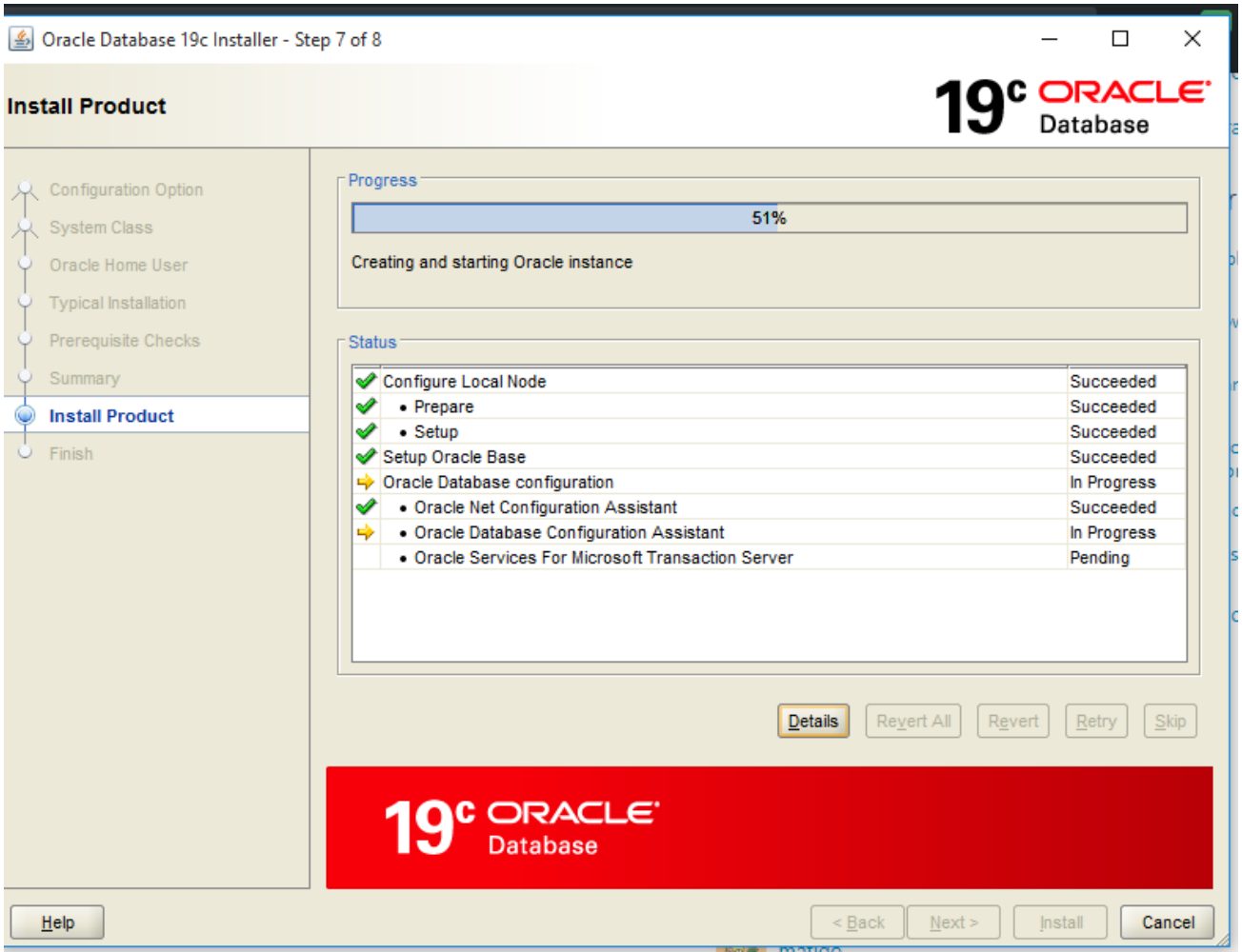
Step 4: Installation Contd.

- Allow Network Access

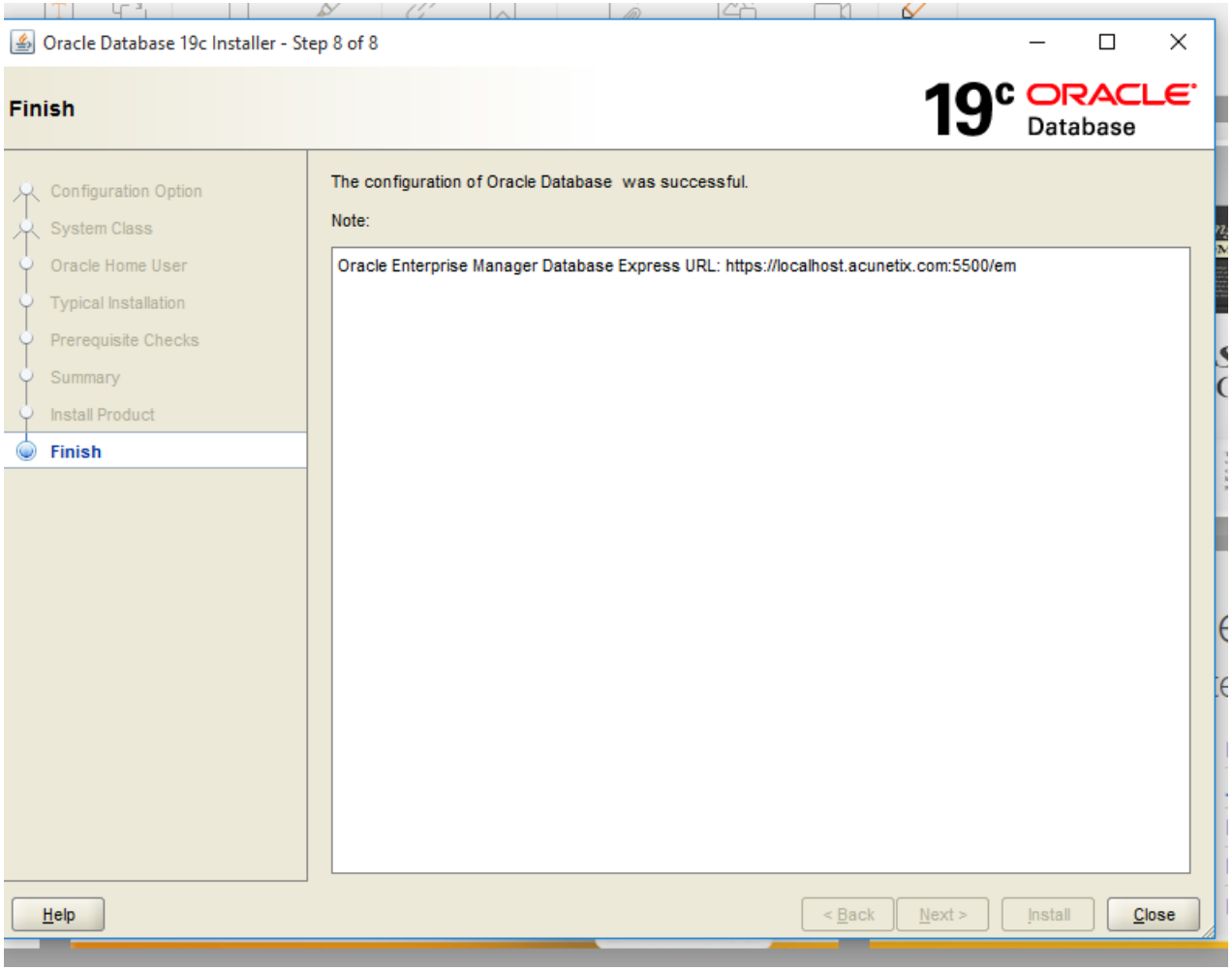


Step 4: Installation Contd.

- At this stage installation may take time.



Step 4: Installation Finished.



Setting Up

- Then go to start menu
  - Oracle – OraDB19Home1,
- Or just search for “SQL Plus”
- Run “SQL Plus”

Setting Up

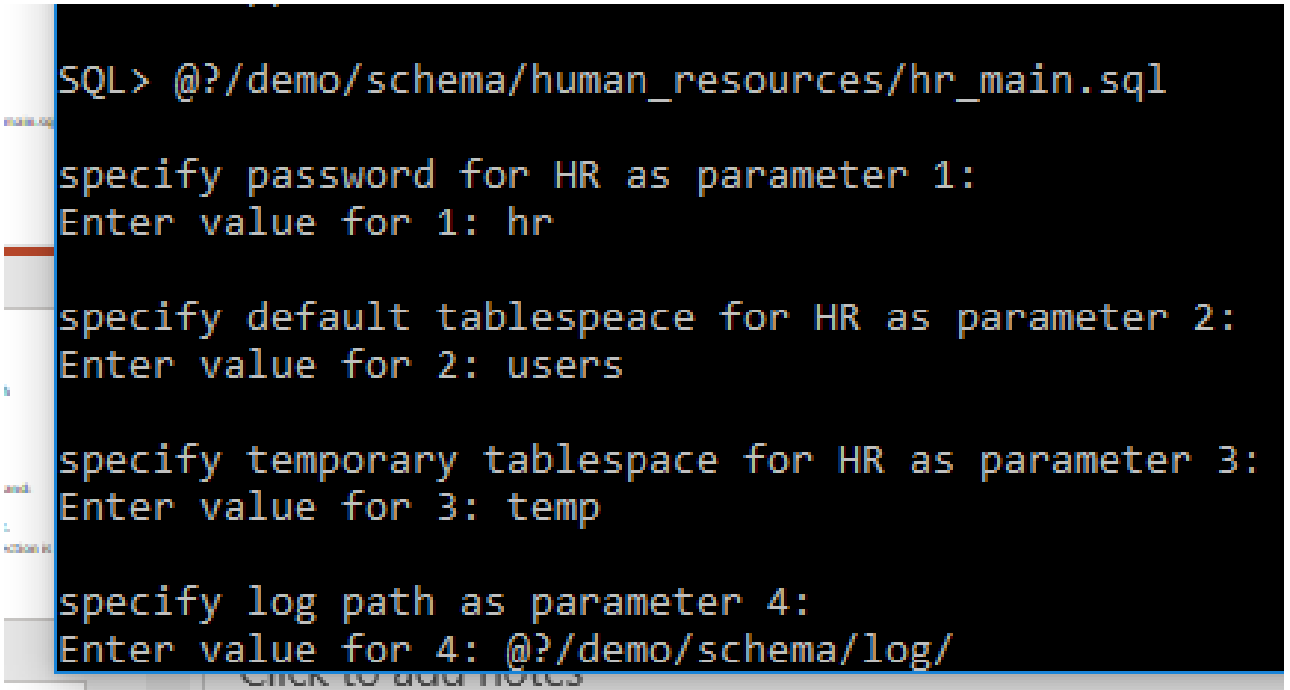
- Try
  - Username: SYSTEM
  - Password: password you have set earlier

Setting Up HR Schema

- Login with SYS
  - connect sys as sysdba
  - Enter password: password
- Run the schema creation script
  - @?/demo/schema/human_resources/hr_main.sql

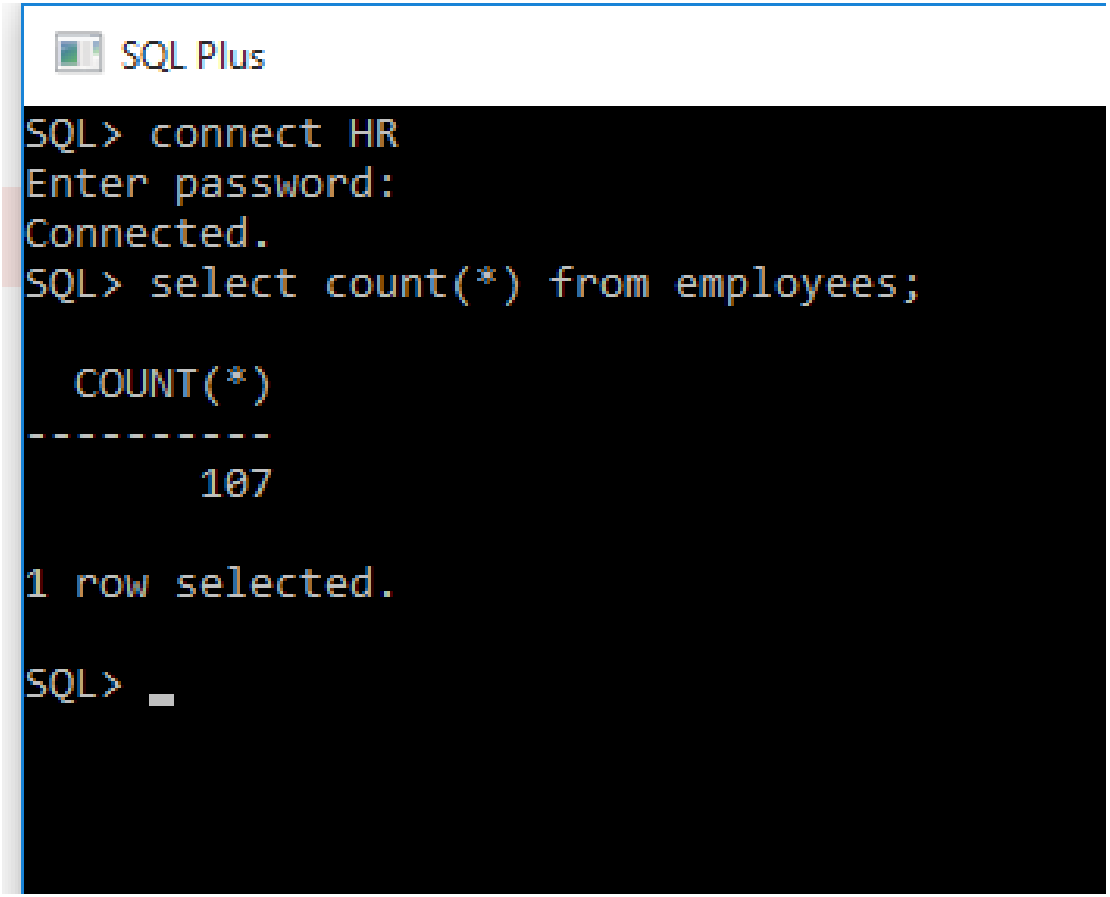
Setting Up HR Schema

- Value for 1: hr (or any other password)
- Value for 2: users
- Value for 3: temp
- Value for 4: @?/demo/schema/log/



Setting Up HR Schema

- Connect HR (log in to HR)



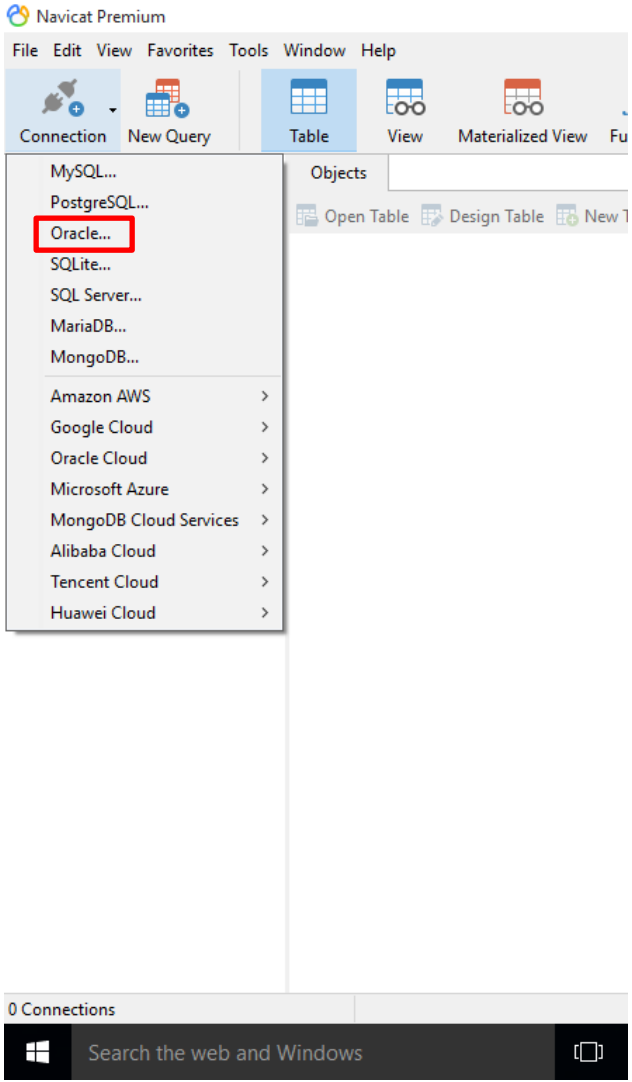
Using SQL Plus in Lab

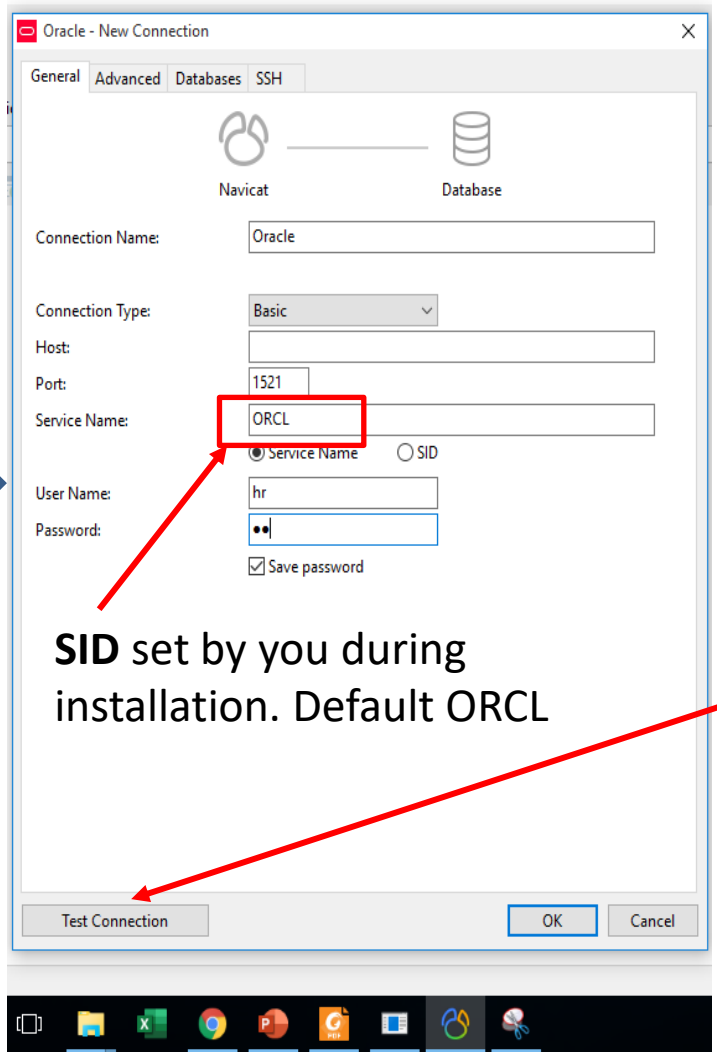
- First go to SQL plus and connect to system with
  - username: sys as sysdba
  - password: 123
- Then give the following command:
  - alter user hr identified by hr account unlock;
- Then test the connection with following command:
  - connect hr
- When prompted for password give 'hr' as input.
- If it displays connection successful , then connection is set up properly.

Connecting with Navicat

- Download and Install Navicat from the link below
- https://www.navicat.com/en/download/navicat-premium

Connecting Navicat with Oracle HR



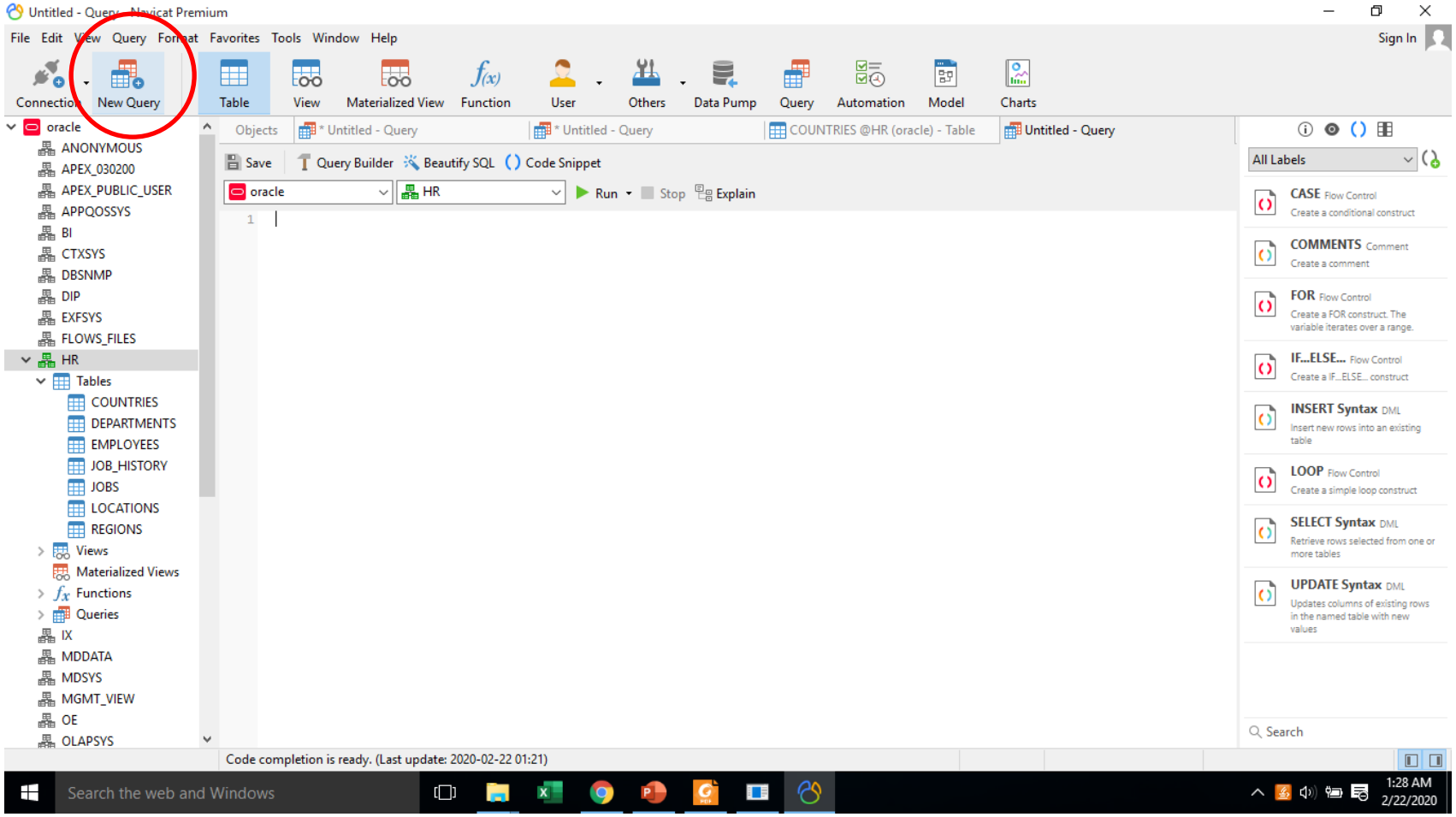


SID set by you during installation. Default ORCL

Test connection. If successful, click ok.

Writing Queries

Click “New Query” and start writing queries



References

- http://www.rebellionrider.com/how-to-install-oracle-database-19c-on-windows-10/
- http://www.rebellionrider.com/how-to-uninstall-oracle-database-19c/