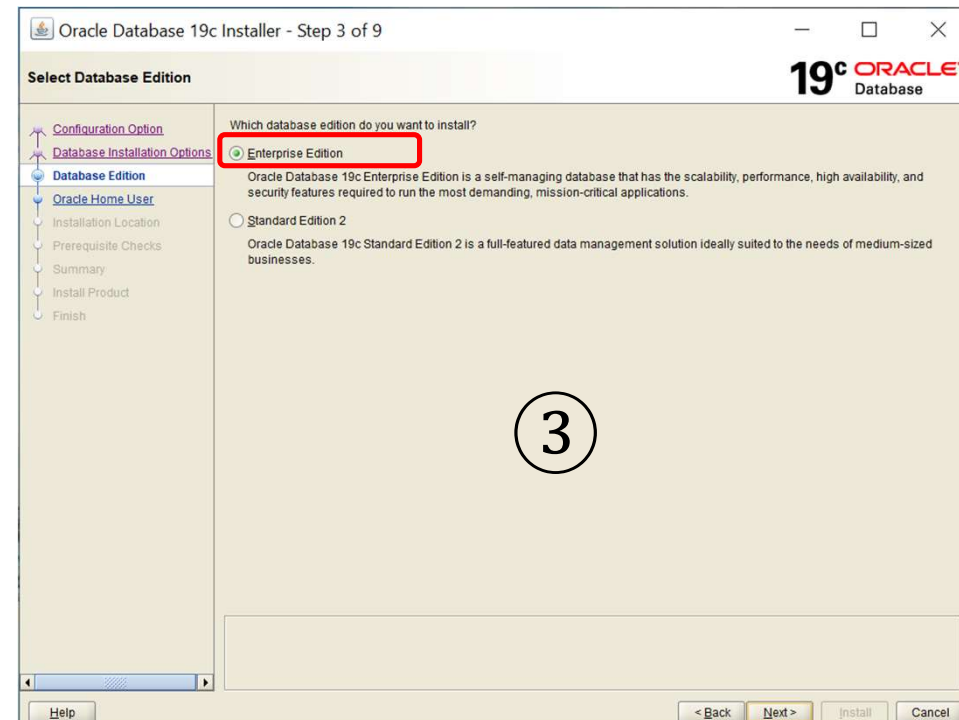
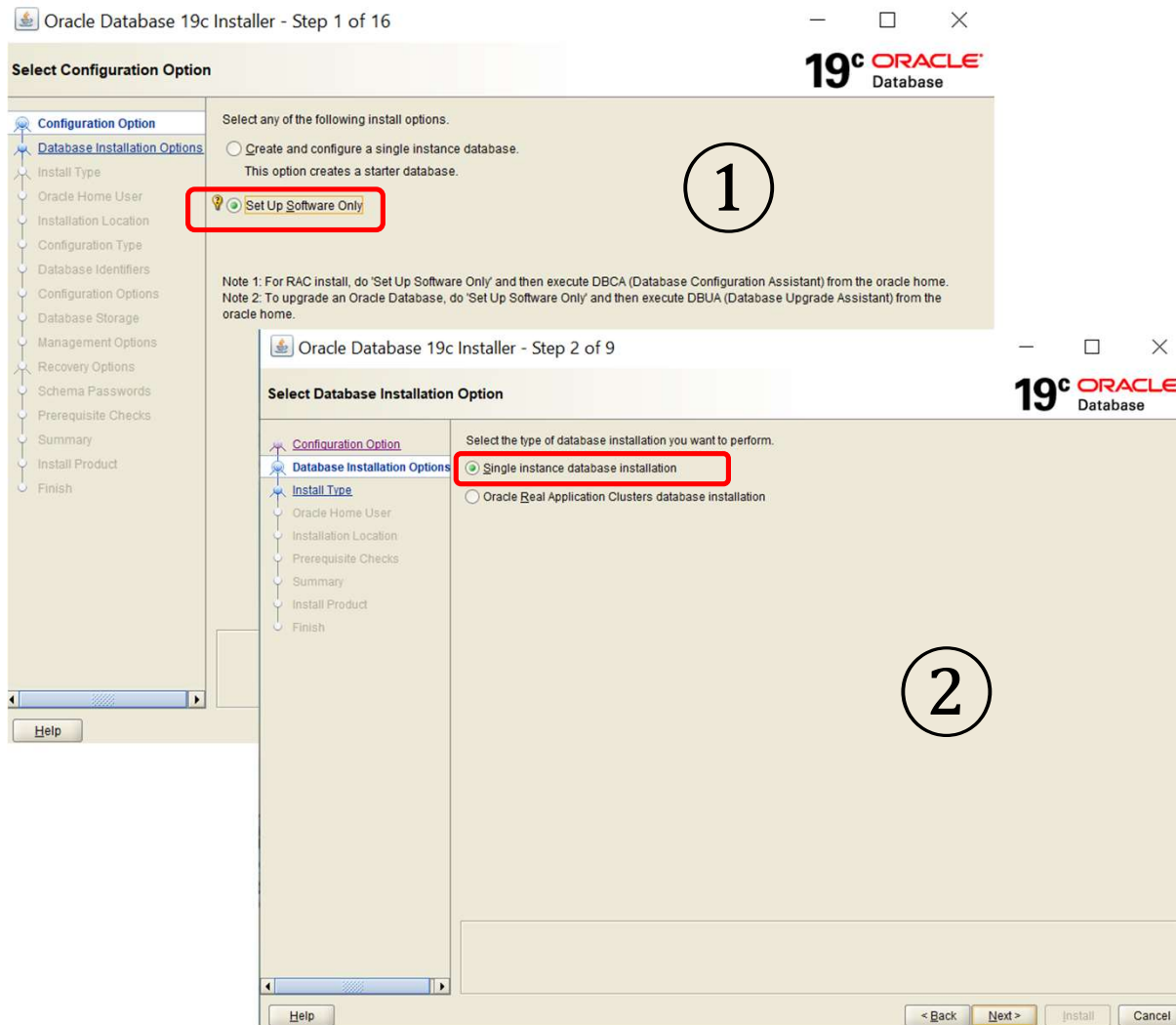
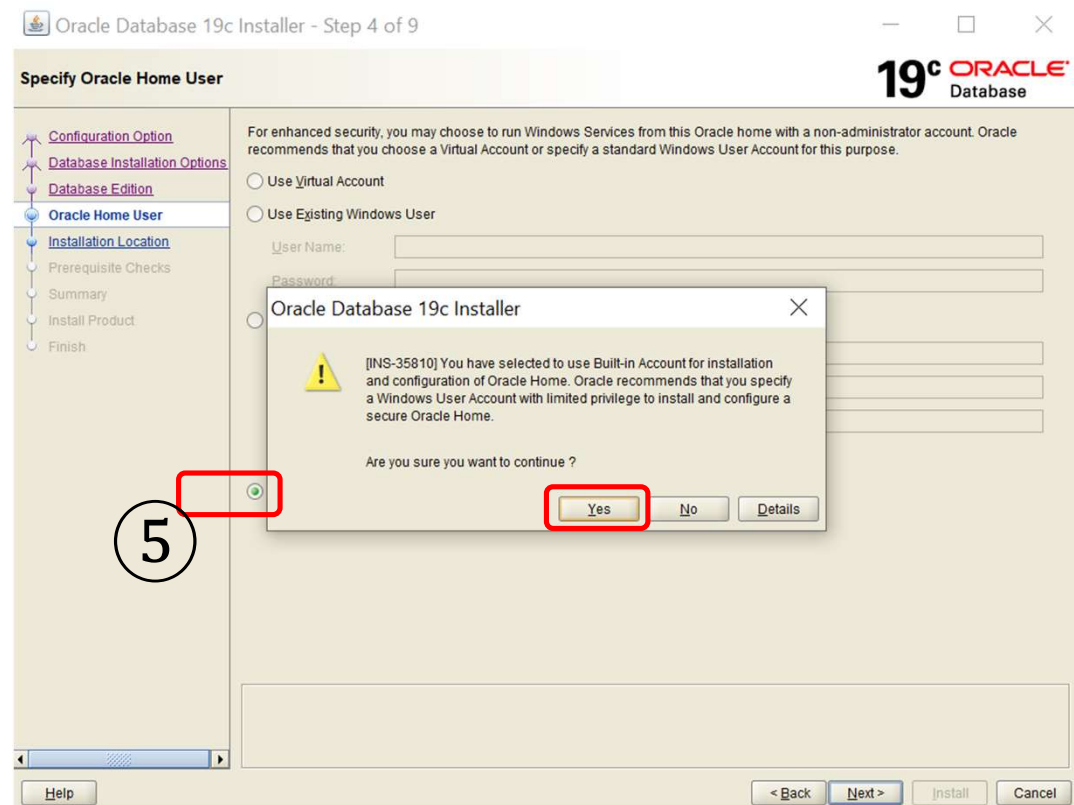
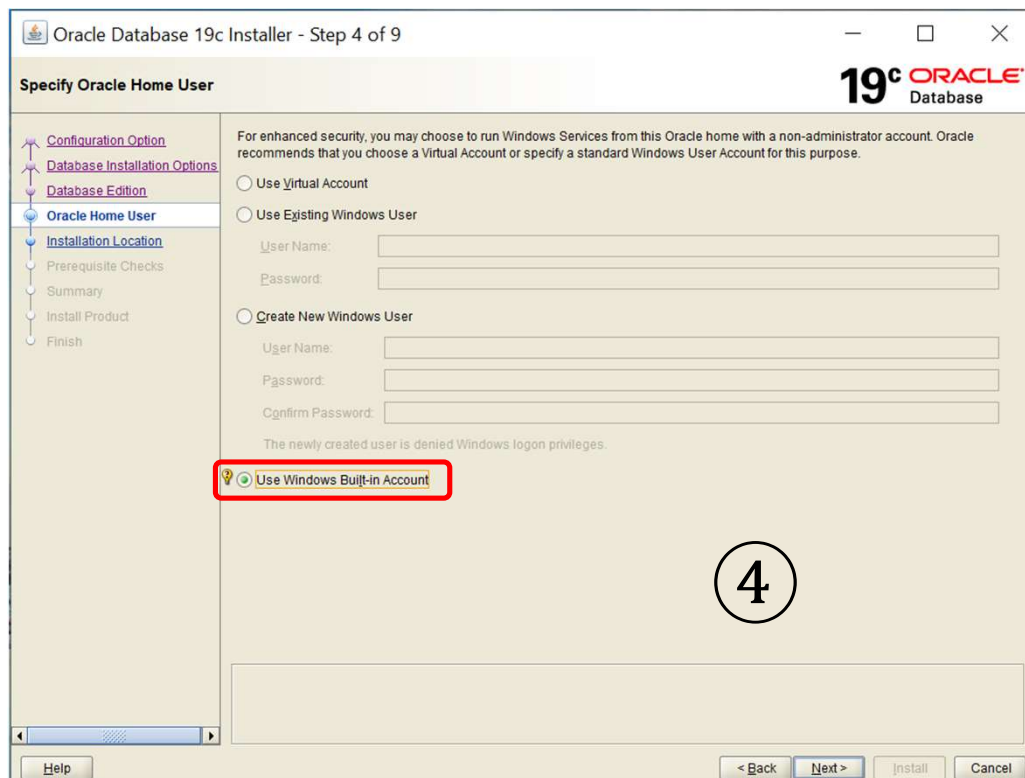


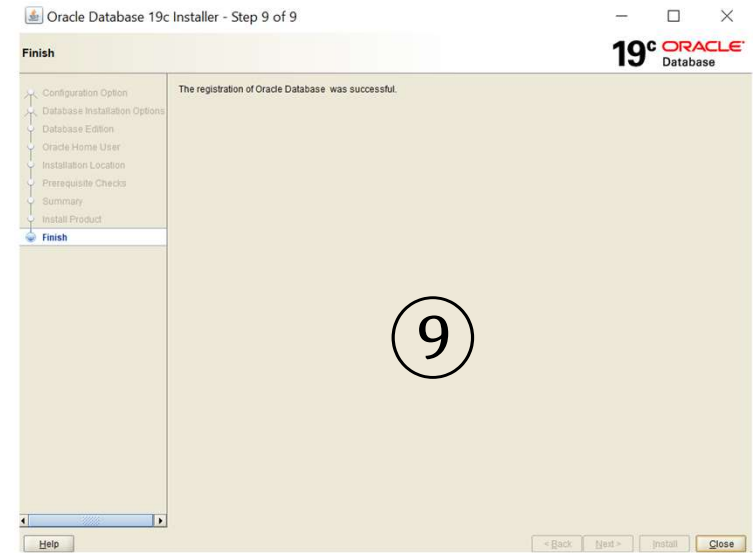
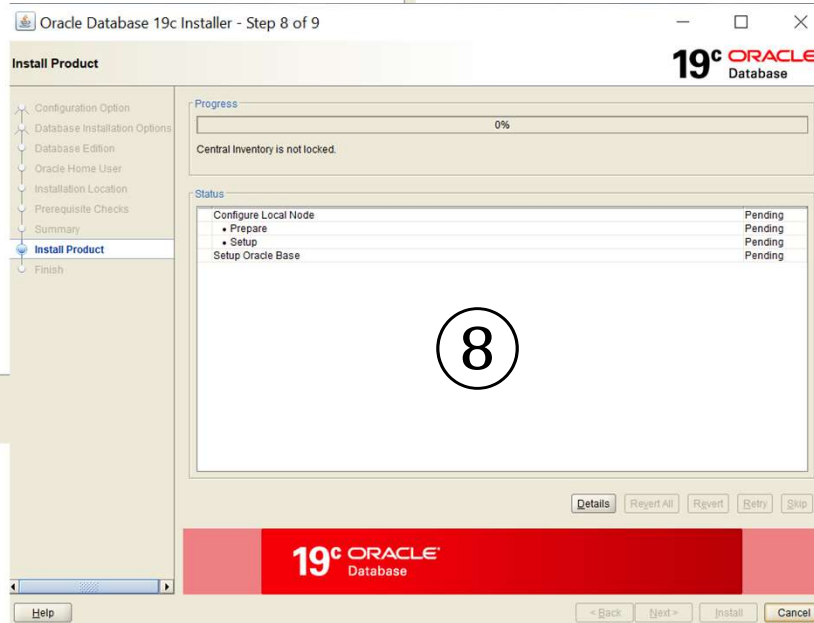
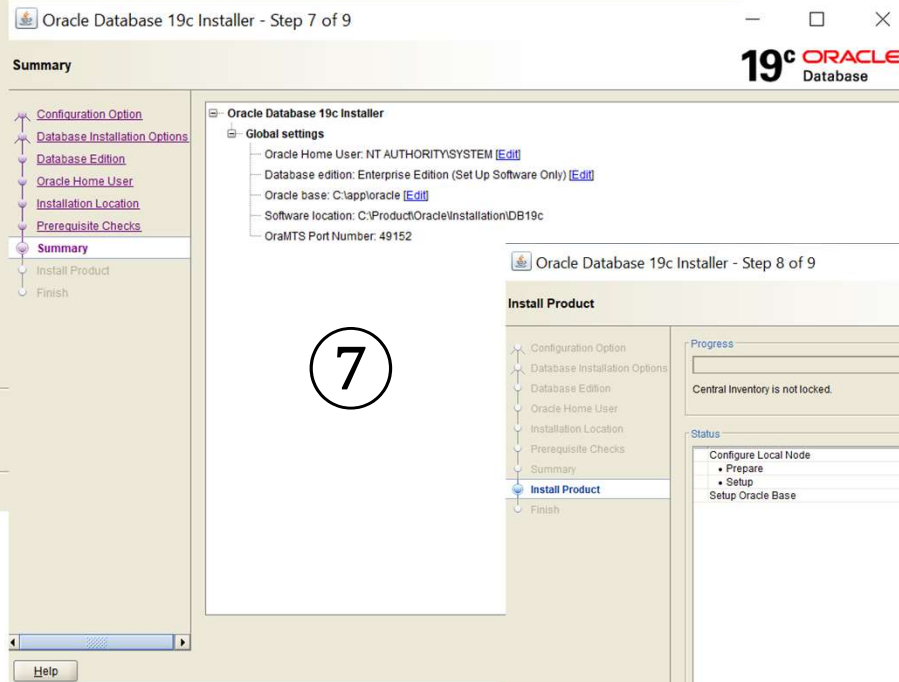
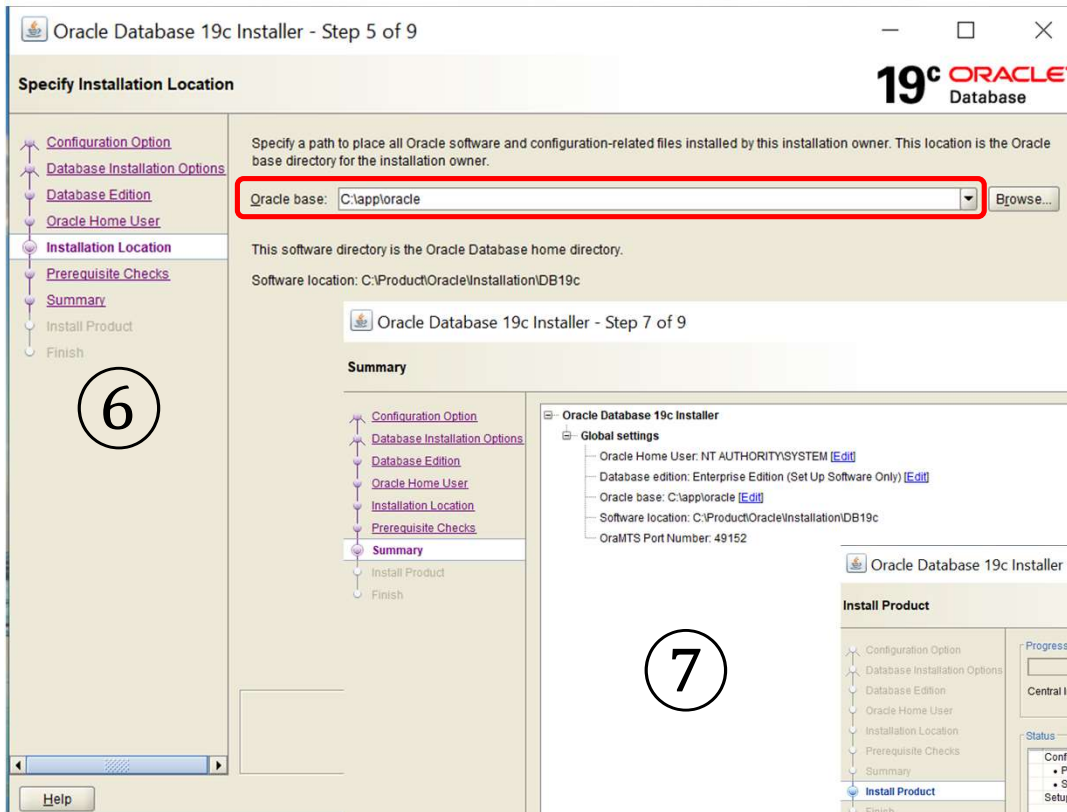
Installation Oracle Database 19c

By : Rony Ihsan

Installation Software Only







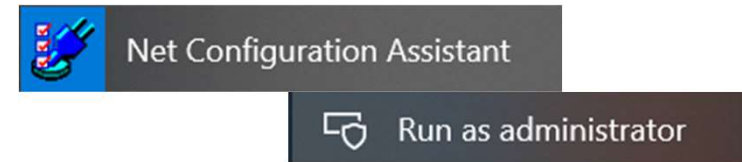
Create Listener

```
Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

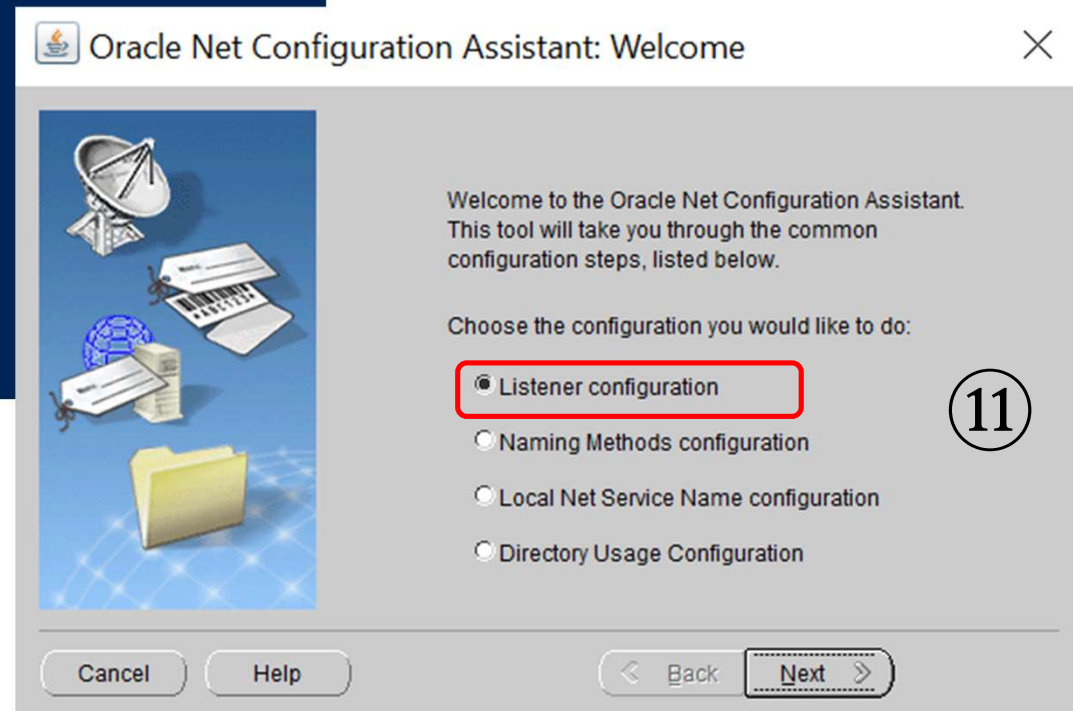
PS C:\Windows\system32> netca
```

10



OR

C:\Windows\System32> **NETCA**



11

Oracle Net Configuration Assistant: Listener Configuration, L... X



For remote connections to be made to your Oracle database, you must configure a Oracle Net listener. The Oracle Net Configuration Assistant allows you to add, reconfigure, rename or delete a listener.

Select what you want to do:

☒ Add

☐ Reconfigure

☐ Delete

☐ Rename

12

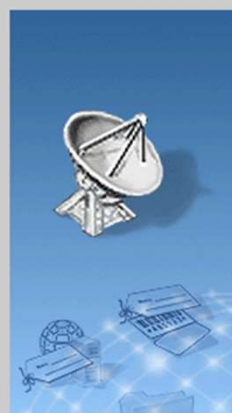
Cancel

Help

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Next >

Oracle Net Configuration Assistant: Listener Configuration, L... X



For remote connections to be made to your Oracle database you must have at least one Oracle Net listener. Enter the name of the listener you want to create:

Listener name: LISTENER

13

Cancel

Help

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Oracle Net Configuration Assistant: Listener Configuration, S... X



You can configure the listener to accept connections over one or more protocols. Select which protocols you want to configure for this listener. Keep your configuration as simple as possible by configuring only the protocols you need.

Available Protocols

TCPs
IPC
NMP

Selected Protocols

TCP

14

Cancel

Help

< Back

Next >

Oracle Net Configuration Assistant: Listener Configuration, T... X



Which TCP/IP port number should the listener use? The port number selected should not be used by any other software on this computer.

☒ Use the standard port number of 1521

☐ Use another port number:

1521

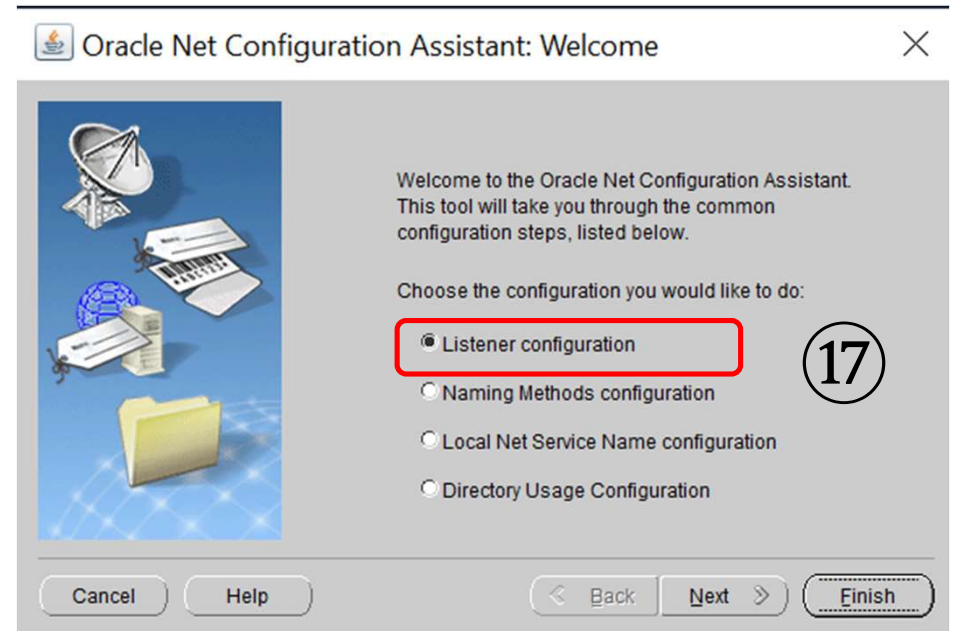
15

Cancel

Help

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Next >



```
Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Windows\system32> netca

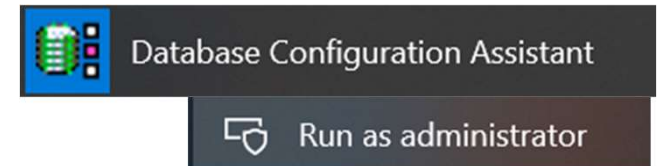
Oracle Net Services Configuration:
Configuring Listener:LISTENER
Default local naming configuration complete.
Listener configuration complete.
Oracle Net Listener Startup:
Running Listener Control:
C:\Product\Oracle\Installation\DB19c\bin\lsnrctl.exe start LISTENER
Listener control complete.
Setting Listener service to start automatically.
Listener started successfully.
Oracle Net Services configuration successful. The exit code is 0
PS C:\Windows\system32>
```

Output

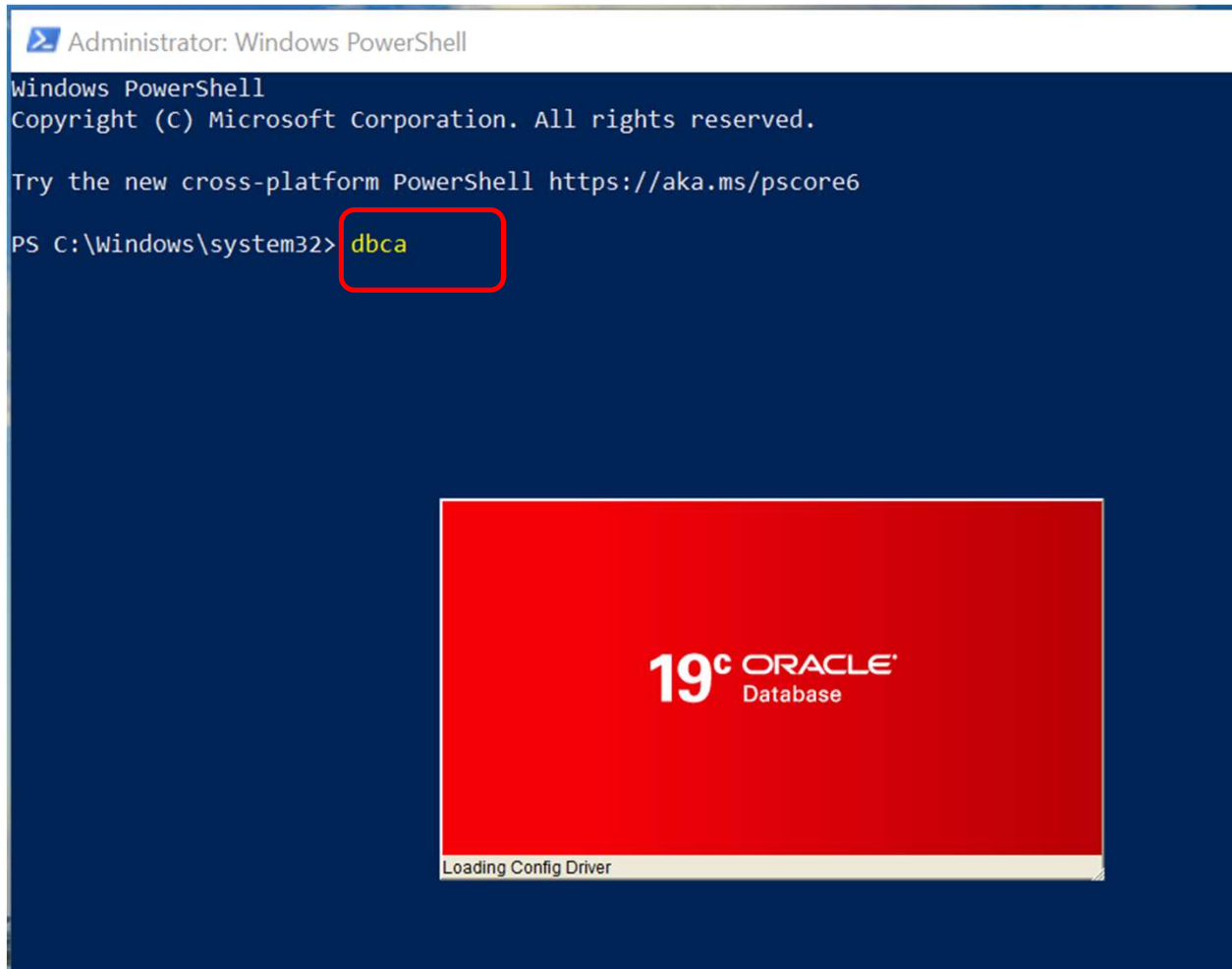
Create Database

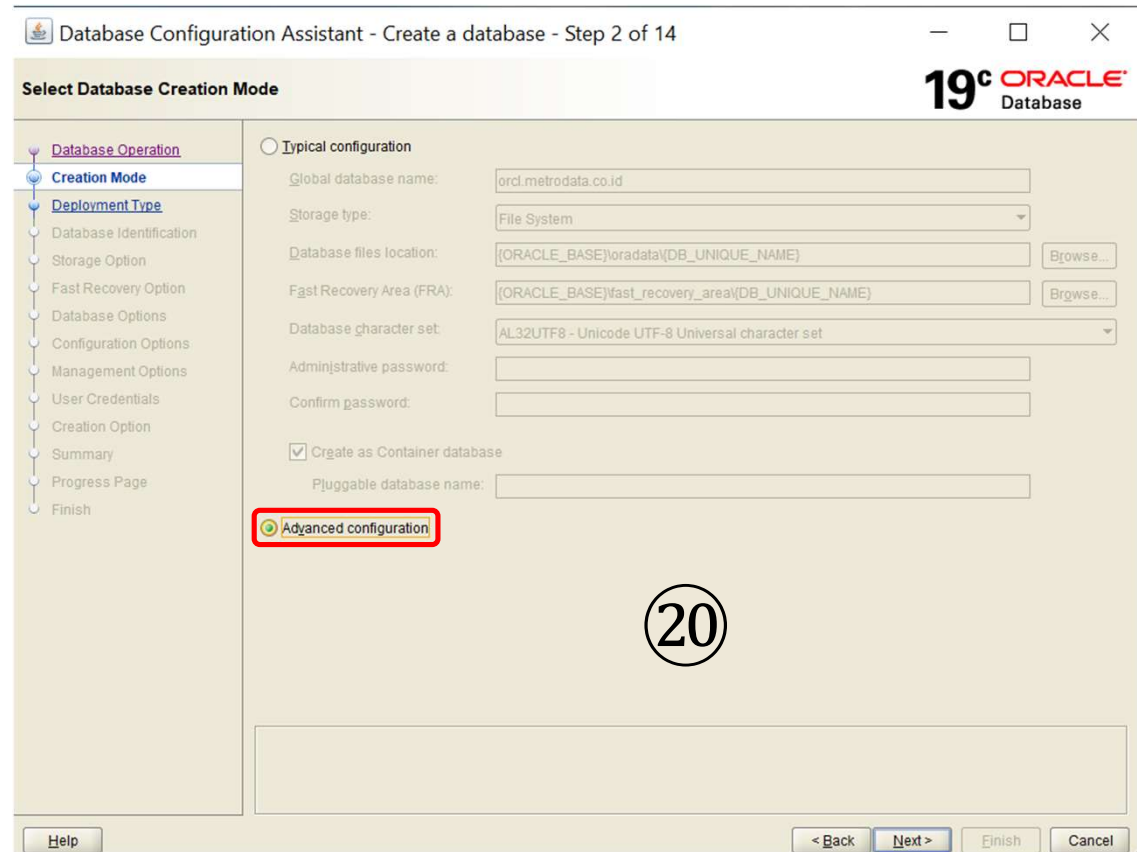
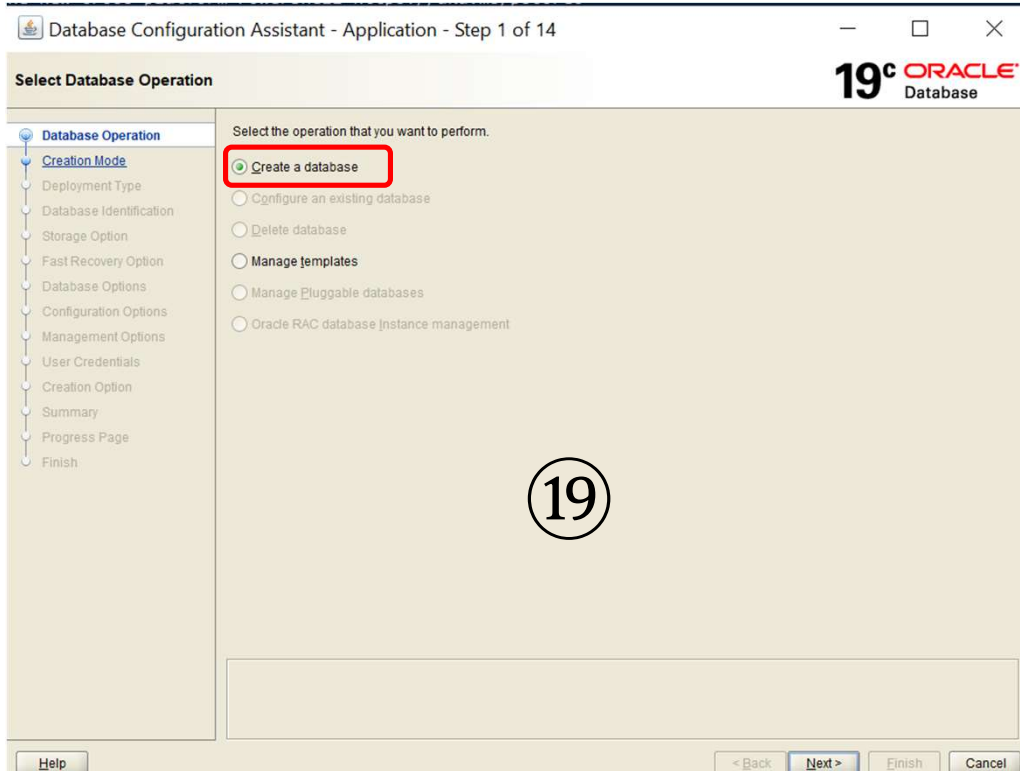
C:\Windows\System32> **DBCA**

OR



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Database Configuration Assistant - Create a database - Step 3 of 14

Select Database Deployment Type

Select the type of database you want to create.

Database type: Oracle Single Instance database

Configuration type: Admin Managed

Select a template for your database.

Templates that include datafiles contain pre-created databases. They allow you to create a new database quickly. Use templates without datafiles only when necessary, such as when you need to change attributes like block size that cannot be altered after database creation.

Template name	Include datafiles	Details
<input type="radio"/> Data Warehouse	Yes	View details
<input checked="" type="radio"/> General Purpose or Transaction Processing	Yes	View details
<input type="radio"/> Custom Database	No	View details

21

Template location: C:\Product\Oracle\Installation\DB19class\assistants\dbca\templates [Change...](#)

[Help](#) [Back](#) [Next >](#) [Finish](#) [Cancel](#)

Database Configuration Assistant - Create a database - Step 4 of 14

Specify Database Identification Details

Provide a unique database identifier information. An Oracle database is uniquely identified by a Global database name, typically of the form "name.domain".

Global database name: db19d

SID: db19c

Service name:

☐ Create as Container database

A Container database can be used for consolidating multiple databases into a single database, and it enables database virtualization. A Container database (CDB) can have zero or more pluggable databases (PDB).

☒ Use local Undo tablespace for PDBs

☐ Create an empty Container database

☒ Create a Container database with one or more PDBs

Number of PDBs: 1

PDB name: pdb

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[Help](#) [Back](#) [Next >](#) [Finish](#) [Cancel](#)

Database Configuration Assistant - Create 'db19c' database - Step 5 of 14

19c ORACLE Database

Select Database Storage Option

Database Operation
Creation Mode
Deployment Type
Database Identification
Storage Option
Fast Recovery Option
Database Options
Configuration Options
Management Options
User Credentials
Creation Option
Summary
Progress Page
Finish

☐ Use template file for database storage attributes
Storage type and location for database files will be picked up from the specified template (General Purpose or Transaction Processing).

☒ Use following for the database storage attributes
All the database files will be put at the specified location below. You can customize the name and location of each datafile in the subsequent screen.

Database files storage type:

Database files location:

Oracle Managed files option will enable Oracle to automatically generate the names of the datafiles for simplified database management.

☐ Use Oracle-Managed Files (OMF)

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Database Configuration Assistant - Create 'db19c' database - Step 6 of 14

19c ORACLE Database

Select Fast Recovery Option

Database Operation
Creation Mode
Deployment Type
Database Identification
Storage Option
Fast Recovery Option
Database Options
Configuration Options
Management Options
User Credentials
Creation Option
Summary
Progress Page
Finish

Choose the recovery options for the database.

☒ Specify Fast Recovery Area

Recovery files storage type:

Fast Recovery Area:

Fast Recovery Area size:

☒ Enable archiving

Archive mode parameters

☒ Automatic archiving

Archive log file format:

Archive log destination may be specified below. It is recommended that archive log files be written to multiple locations spread across different disks. If archive log destination is not specified, Fast Recovery Area location will be used for archive log files.

Archive log destinations	
1	C:\app\archive19c
2	
3	
4	
5	
6	
7	
8	

24

Database Configuration Assistant - Create 'db19c' database - Step 7 of 14

Specify Network Configuration Details

Listeners from current Oracle home are listed below. Specify the listener name and port to create a new listener in current Oracle home.

	Name	Port	Oracle home	Status
<input checked="" type="checkbox"/>	LISTENER	1521	C:\Product\Oracle\Installation\DB19c	Up

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☐ Create a new listener

Listener name:

Listener port:

Oracle home: C:\Product\Oracle\Installation\DB19c

Help < Back Next > Finish Cancel

Database Configuration Assistant - Create 'db19c' database - Step 8 of 15

Select Oracle Data Vault Config Option

☐ Configure Oracle Database Vault

Database Vault owner: Password: Confirm password:

☐ Create a separate account manager

Account manager: Password: Confirm password:

☐ Configure Oracle Label Security

☐ Configure Oracle Label Security with OJD

Tidak dipilih

Tidak dipilih

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Help < Back Next > Finish Cancel

Database Configuration Assistant - Create 'db19c' database - Step 9 of 15

Specify Configuration Options

19^c ORACLE Database

Memory | Sizing | Character sets | Connection mode | Sample schemas

☒ Use Automatic Shared Memory Management

SGA size: 3016 MB

PGA Size: 1006 MB

☐ Use Manual Shared Memory Management

Shared pool size: 0 MB

Buffer cache size: 0 MB

Java pool size: 0 MB

Large pool size: 0 MB

PGA size: 0 MB

Total memory for database 0 MB

☐ Use Automatic Memory Management

Memory target: 6444 MB

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Help < Back Next > Finish

Database Configuration Assistant - Create 'db19c' database - Step 10 of 15

Specify Management Options

19^c ORACLE Database

Specify the management options for the database.

☒ Configure Enterprise Manager (EM) database express

EM database express port: 5500

☐ Register with Enterprise Manager (EM) cloud control

QMS host:

QMS port:

EM admin username:

EM admin password:

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Help < Back Next > Finish Cancel

Database Configuration Assistant - Create 'db19c' database - Step 11 of 15

Specify Database User Credentials

You must specify passwords for the following user accounts in the new database for security reasons.

☐ Use different administrative passwords

	Password	Confirm password
SYS	<input type="password"/>	<input type="password"/>
SYSTEM	<input type="password"/>	<input type="password"/>

☒ Use the same administrative password for all accounts

Password: Confirm password:

29

Messages:

⚠ Password: [DBT-06208] The 'ADMIN' password entered does not conform to the Oracle recommended standards.

Help < Back Next > Finish Cancel

Database Configuration Assistant - Create 'db19c' database - Step 12 of 15

Select Database Creation Option

Select the database creation options.

☒ Create database

Specify the SQL scripts you want to run after the database is created. The scripts are run in the order listed below.

Post DB creation scripts: Browse...

☐ Save as a database template

Template name:

Template location: Browse...

Description:

☐ Generate database creation scripts

Destination directory: Browse...

Following advanced configuration options can be used to configure initialization parameters and customize database storage locations.

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Help < Back Next > Finish Cancel

Database Configuration Assistant - Create 'db19c' database - Step 13 of 15

Summary

Database Configuration Assistant

Global Settings

- Global database name: db19c
- Configuration type: Oracle Single Instance database
- SID: db19c
- Create as Container database: No
- Database Files Storage Type: File System
- Memory Configuration Type: Automatic Shared Memory Management
- Template name: General Purpose

Initialization Parameters

- audit_file_dest: {ORACLE_BASE}\admin\{DB_UNIQUE_NAME}\adump
- audit_trail: db
- compatible: 19.0.0
- control_files: ('{ORACLE_BASE}\oradata\{DB_UNIQUE_NAME}\control01.clt', '{ORACLE_BASE}\fast_recovery_area\{DB_UNIQUE_NAME}\control02.clt')
- db_block_size: 8192 BYTES
- db_name: db19c
- db_recovery_file_dest: {ORACLE_BASE}\fast_recovery_area\{DB_UNIQUE_NAME}
- db_recovery_file_dest_size: 8256 MB
- diagnostic_dest: {ORACLE_BASE}
- dispatchers: (PROTOCOL=TCP) (SERVICE=db19cXDB)
- local_listener: LISTENER_DB19C
- log_archive_dest_1: 'LOCATION=C:\app\larchiv19c'
- log_archive_format: %t_%s_%r.dbf
- nls_language: AMERICAN

Save Response File...

Help < Back Next > Finish Cancel

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Database Configuration Assistant - Create 'db19c' database - Step 14 of 15

Progress Page

Progress

0%

Status

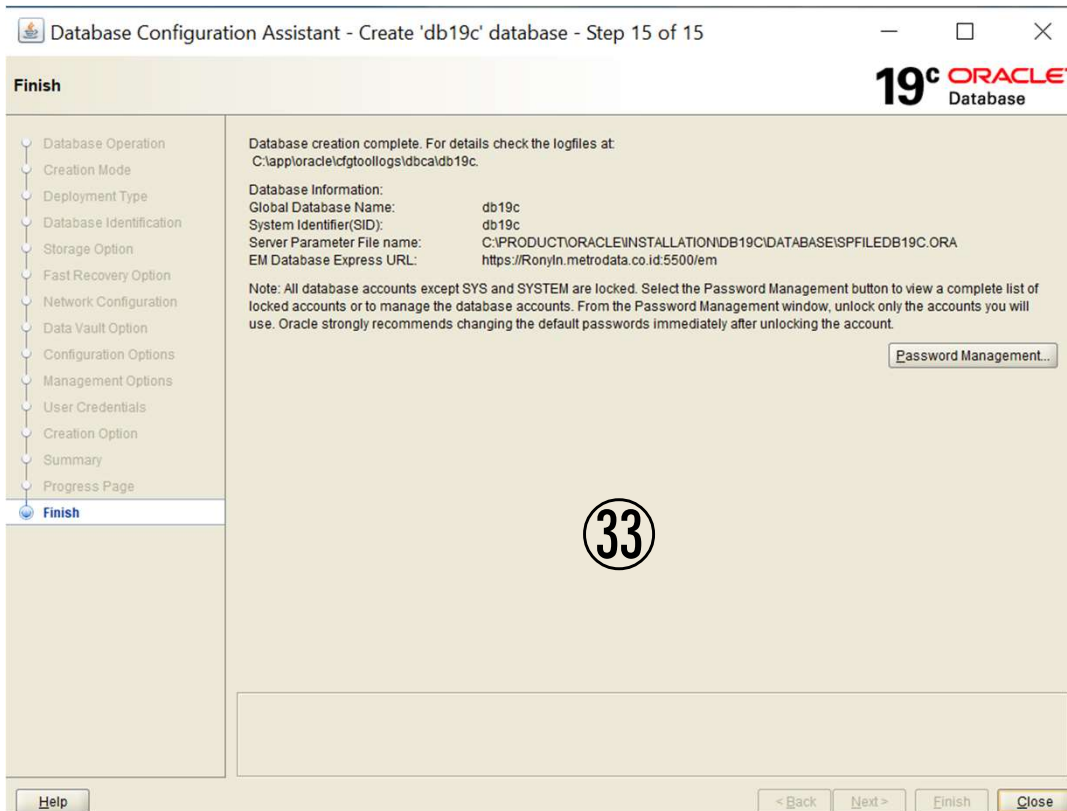
Details Revert All Revert Retry Skip

DBCA Log Location:
C:\app\larchiv19c\logs\dbcad19c\trace.log_2021-04-23_05-14-27PM

Help < Back Next > Finish Cancel

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Finish



Test

