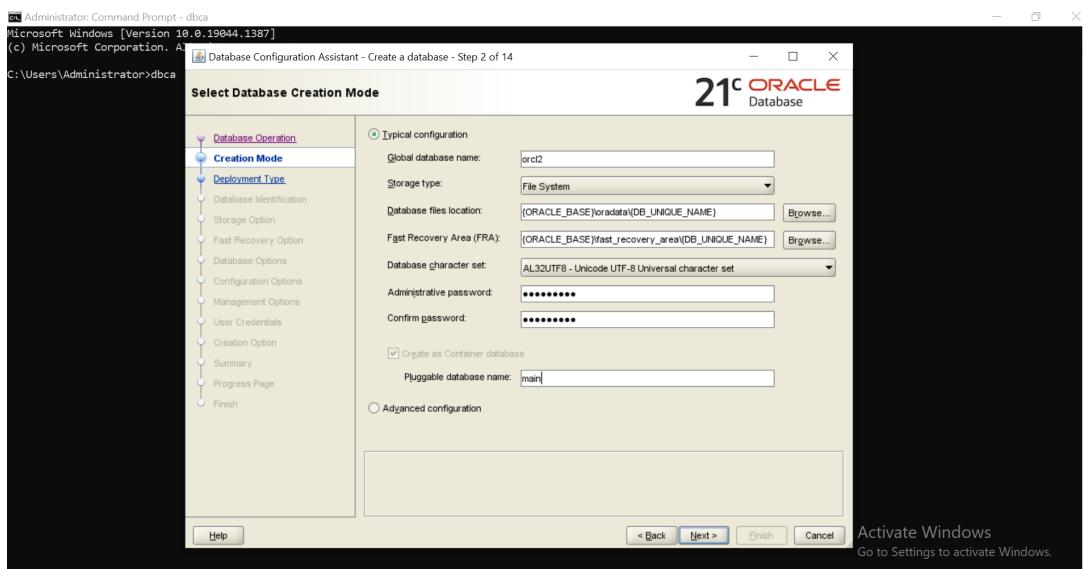
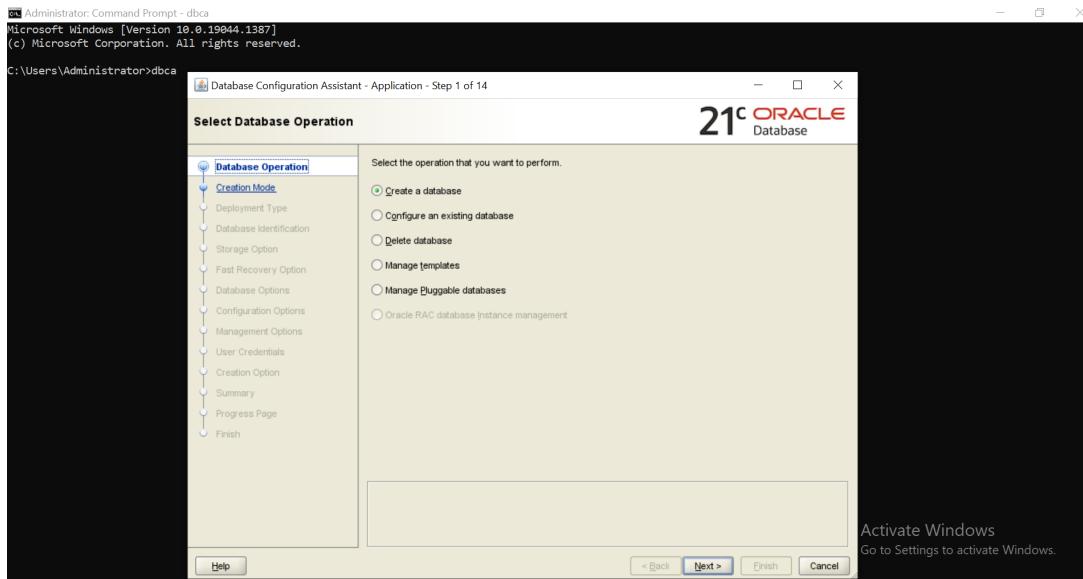


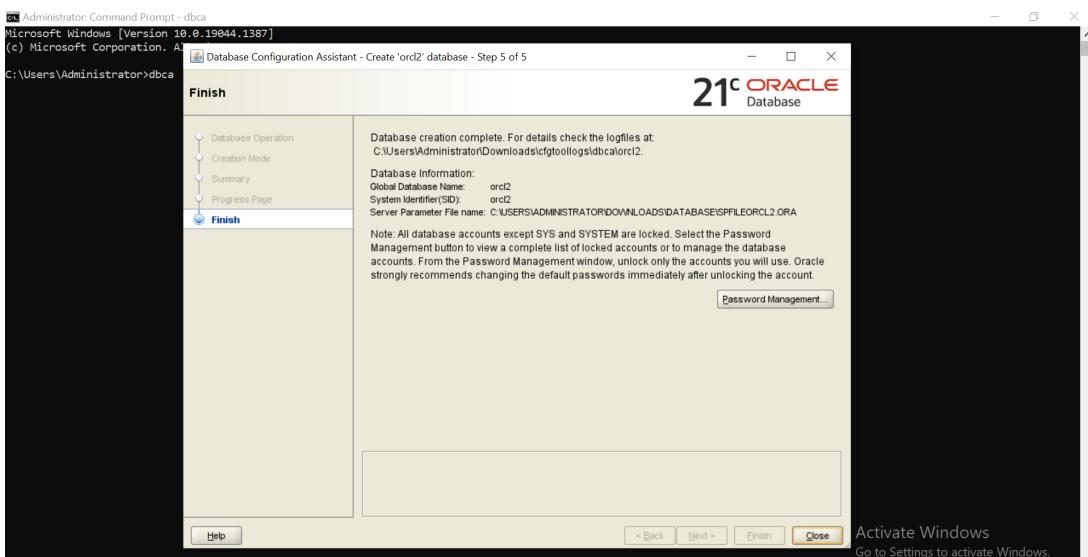
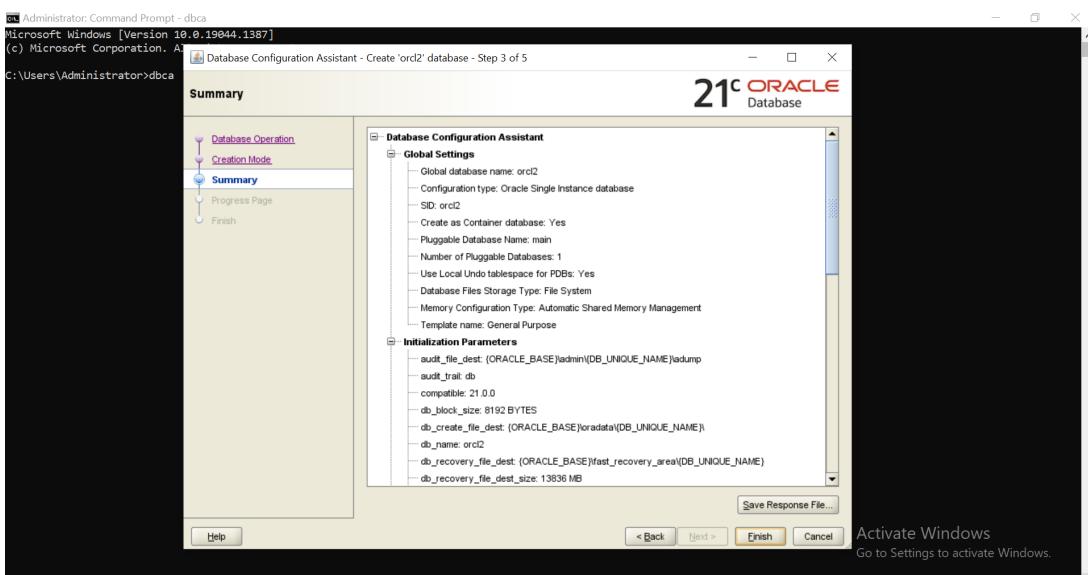
Executer Plusieur Instance D'ORACLE

Creation D'une Nouvelle Instance

On va executer la commande `dbca` pour lancer l'application java **Database Configuration Assistant** qui va nous permettre de creer une nouvelle instance d'oracle :

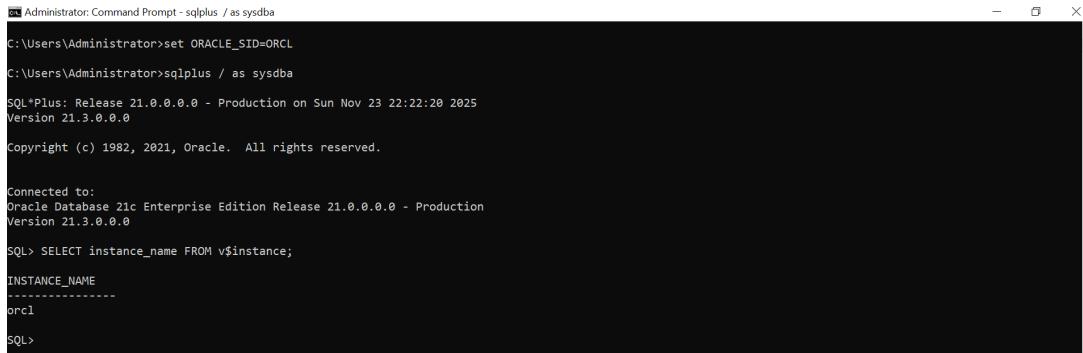
1. Choisir **Create a database** et cliquer sur **next**.
2. Choisir **Typical configuration**.
3. Donner un identifiant unique a l'instance **Global database name**.
4. Donne un mot de passe administratif **Administrative password**.
5. Donne un nom a la **Pluggable Database** (represente une base de donne de l'instance).
6. Cliquer sur **next** puis **finish**.
7. Attendre le telechargement puis cliquer sur **close**.





Executer Plusieur Instance

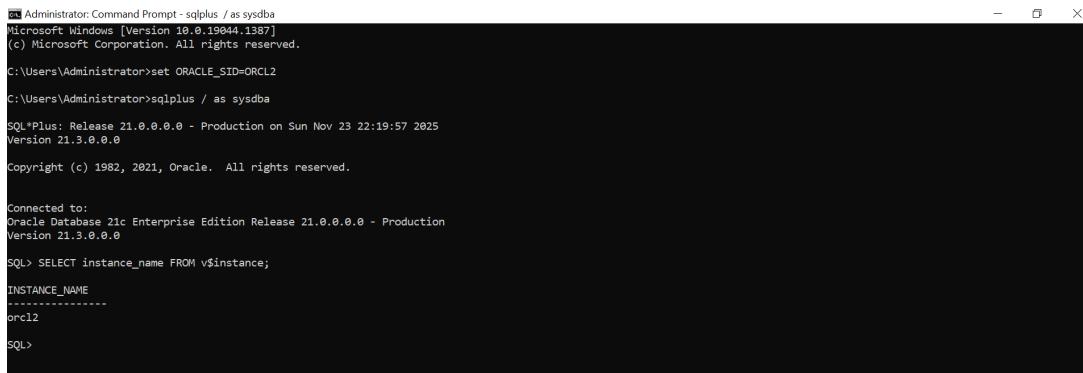
1. Apres avoir creer les instance on va ouvrir plusieur instance du terminal et on va utiliser la commande `set ORACLE_SID = <nom_instance>` qui va temporairement changer la variable d'environnement `ORACLE_SID` pour selectionner l'instance dans notre session terminal.
2. On lance oracle avec `sqlplus / as sysdba`.
3. Pour verifier l'instance on va consulter la view `v$instance` : `select instance_name from v$instance`



```
Administrator: Command Prompt - sqlplus / as sysdba
C:\Users\Administrator>set ORACLE_SID=ORCL
C:\Users\Administrator>sqlplus / as sysdba
SQL*Plus: Release 21.0.0.0.0 - Production on Sun Nov 23 22:22:20 2025
Version 21.3.0.0.0
Copyright (c) 1982, 2021, Oracle. All rights reserved.

Connected to:
Oracle Database 21c Enterprise Edition Release 21.0.0.0.0 - Production
Version 21.3.0.0.0

SQL> SELECT instance_name FROM v$instance;
INSTANCE_NAME
-----
orcl
SQL>
```



```
Administrator: Command Prompt - sqlplus / as sysdba
Microsoft Windows [Version 10.0.19044.1387]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Administrator>set ORACLE_SID=ORCL2
C:\Users\Administrator>sqlplus / as sysdba
SQL*Plus: Release 21.0.0.0.0 - Production on Sun Nov 23 22:19:57 2025
Version 21.3.0.0.0
Copyright (c) 1982, 2021, Oracle. All rights reserved.

Connected to:
Oracle Database 21c Enterprise Edition Release 21.0.0.0.0 - Production
Version 21.3.0.0.0

SQL> SELECT instance_name FROM v$instance;
INSTANCE_NAME
-----
orcl2
SQL>
```

Creation Du Lien

1. Pour La Creation de lien on va se utiliser la requete suivant :

```
CREATE DATABASE LINK NOM LIEN
CONNECT TO NOM_UTILISATEUR IDENTIFIED BY MOTDEPASSE_INSTANCE
USING 'NOM_INSTANCE';
```

2. Acceder a une table avec le lien : `nom_owner.nom_table@nom_lien`

Donc dans notre cas on va creer deux lien :

- Lien Vers ORCL (executer depuis ORCL2):

```
CREATE DATABASE LINK link_to_orcl
CONNECT TO system IDENTIFIED BY Nanno1234
USING 'ORCL';
```

- Lien Vers ORCL2 (executer depuis ORCL) :

```
CREATE DATABASE LINK link_to_orcl2
CONNECT TO system IDENTIFIED BY Nanno1234
USING 'ORCL2';
```

Test Pour Confirmer le lien :

```
Administrator: Command Prompt - sqlplus / as sysdba
SQL> create table test1 (a int);
Table created.

SQL> exit
Disconnected from Oracle Database 21c Enterprise Edition Release 21.0.0.0 - Production
Version 21.3.0.0.0

C:\Users\Administrator>set ORACLE_SID=ORCL2
C:\Users\Administrator>sqlplus / as sysdba

SQL*Plus: Release 21.0.0.0 - Production on Sun Nov 23 23:42:09 2025
Version 21.3.0.0.0

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Connected to:
Oracle Database 21c Enterprise Edition Release 21.0.0.0 - Production
Version 21.3.0.0.0

SQL> DESC test1@link_to_orcl;
ERROR:
ORA-04043: object test1 does not exist
ORA-02063: preceding line from LINK_TO_ORCL

SQL> DESC sys.test1@link_to_orcl;
Name          Null?    Type
-----        -----
A           NUMBER(38)

SQL>
```

Activate Windows
Go to Settings to activate Windows.