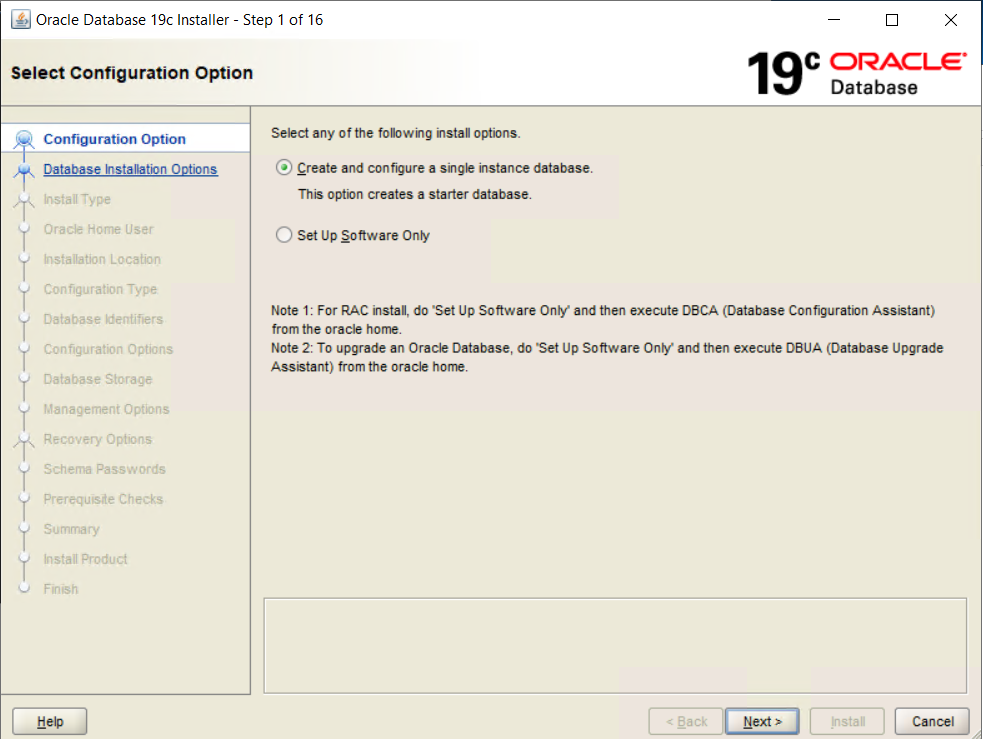
Oracle installation in hq-flexdb-k-dev server

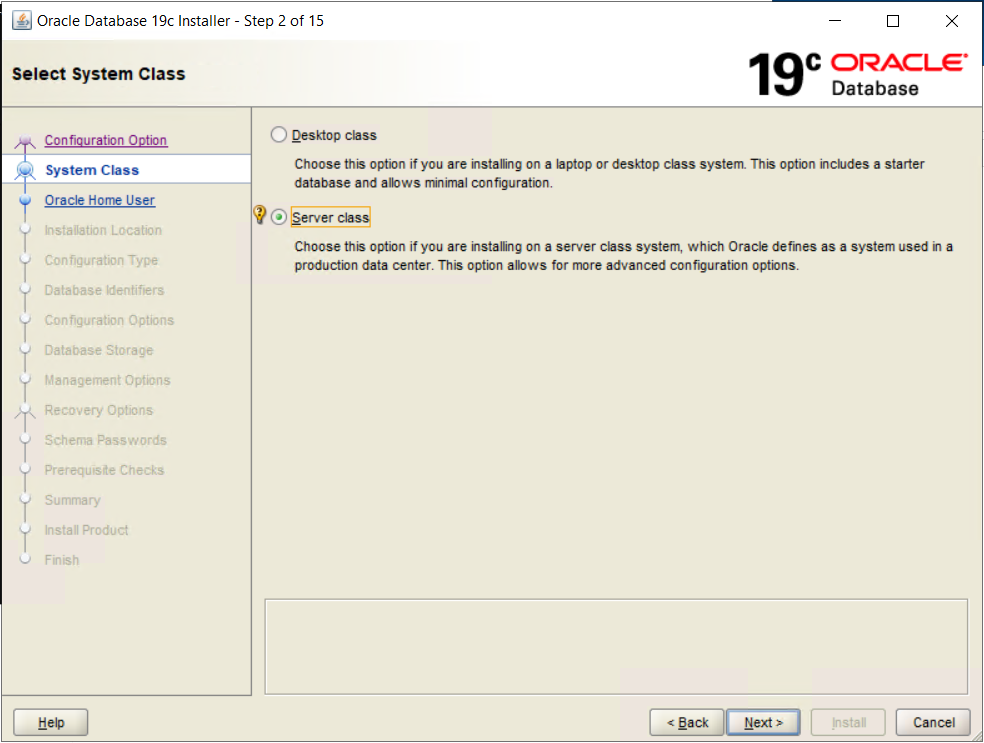
Download Oracle installation from their website Windows.X64\_193000\_db\_home.zip

Extract the content to D:\app\db\_home

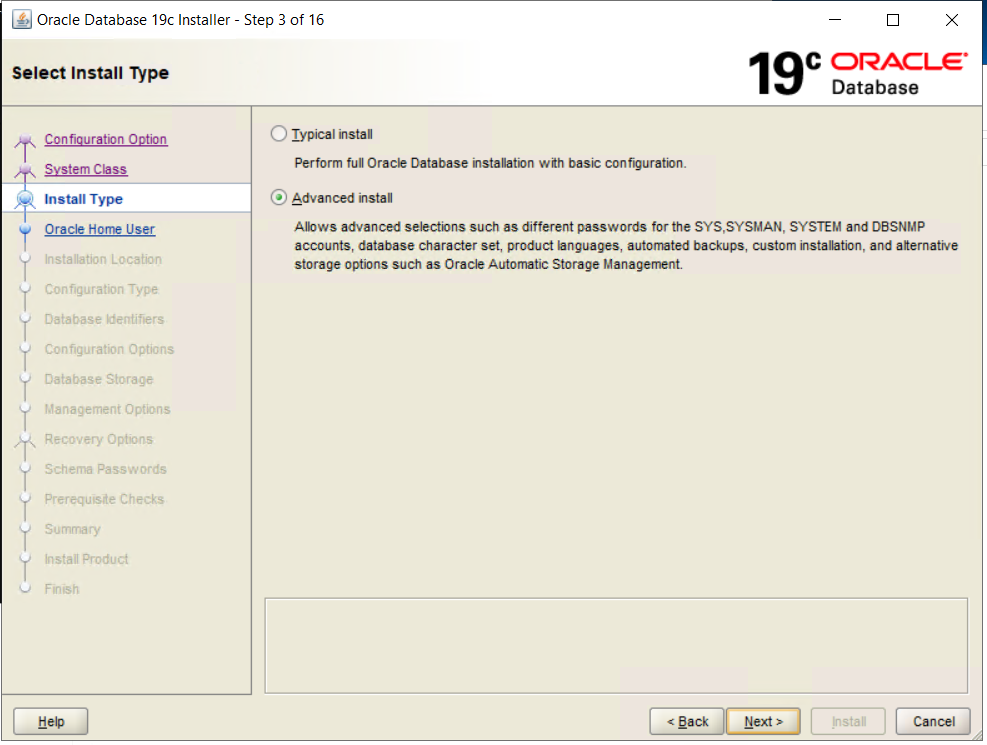
Once extracted ran the setup.bat file from above directory



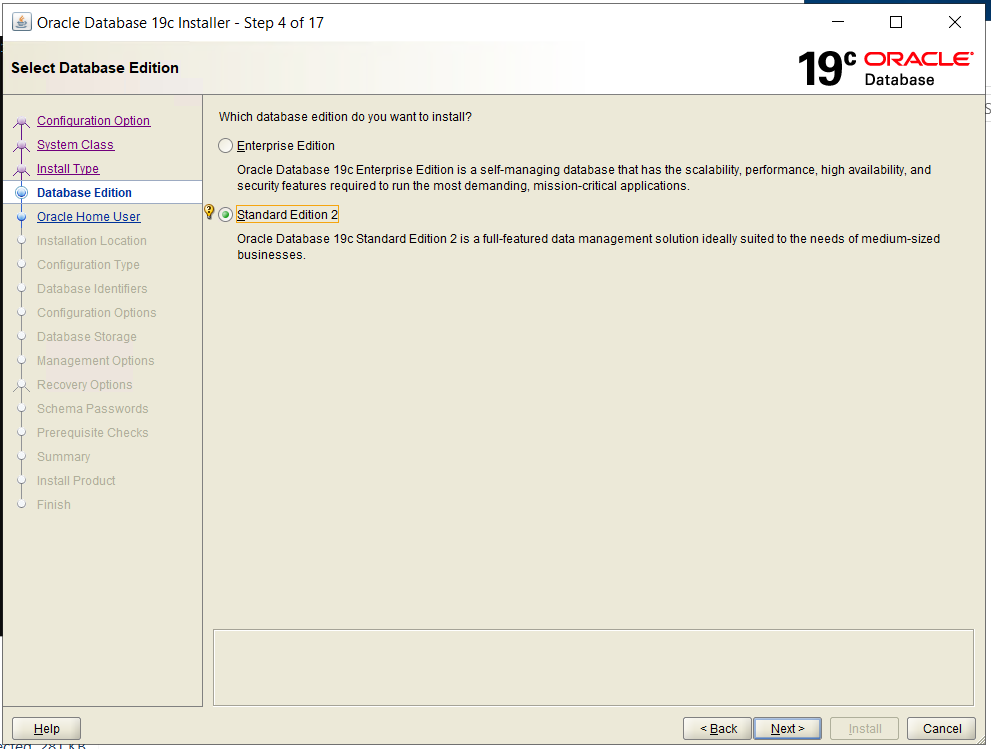
Choose – Create and Configure a single instance database and click next



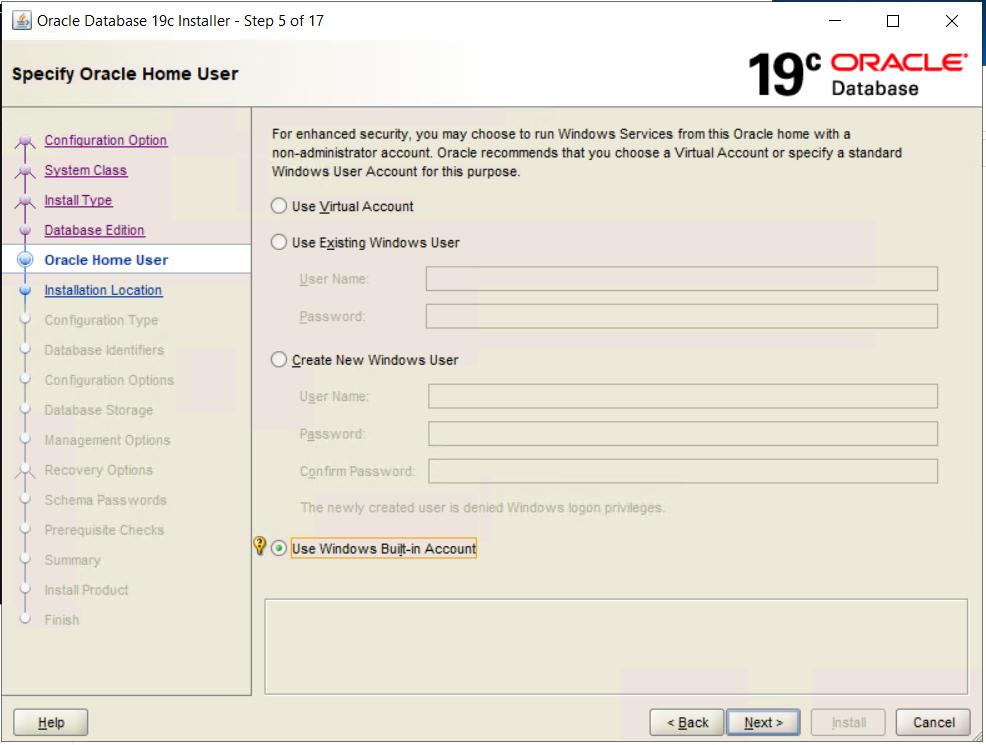
Choose Server class and click Next



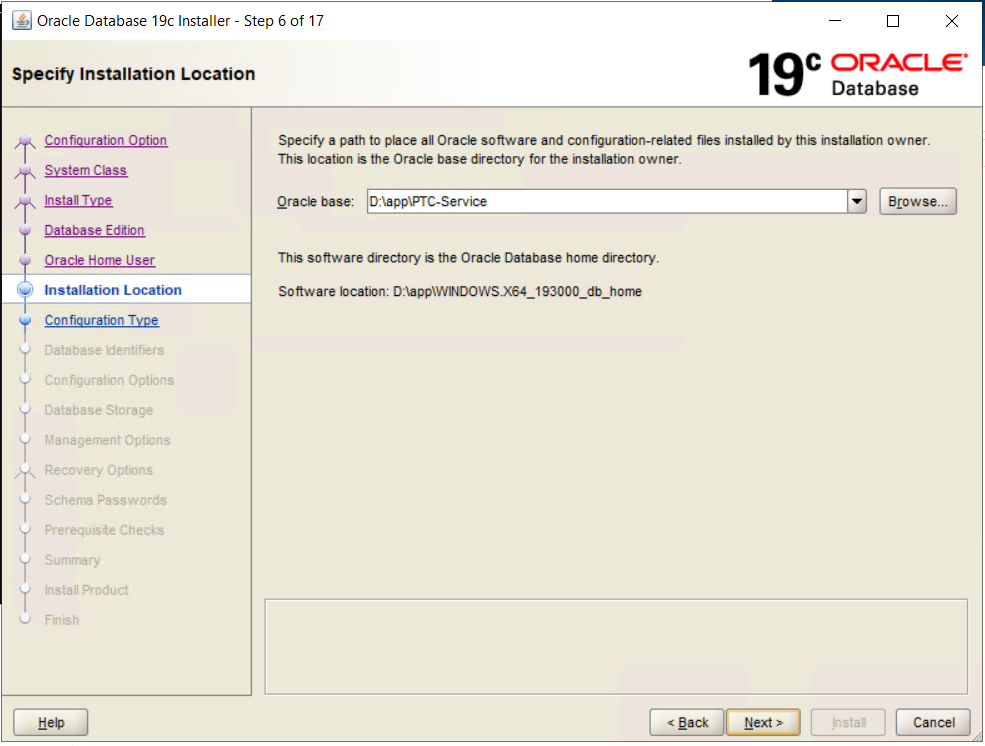
Choose Advanced install and click Next



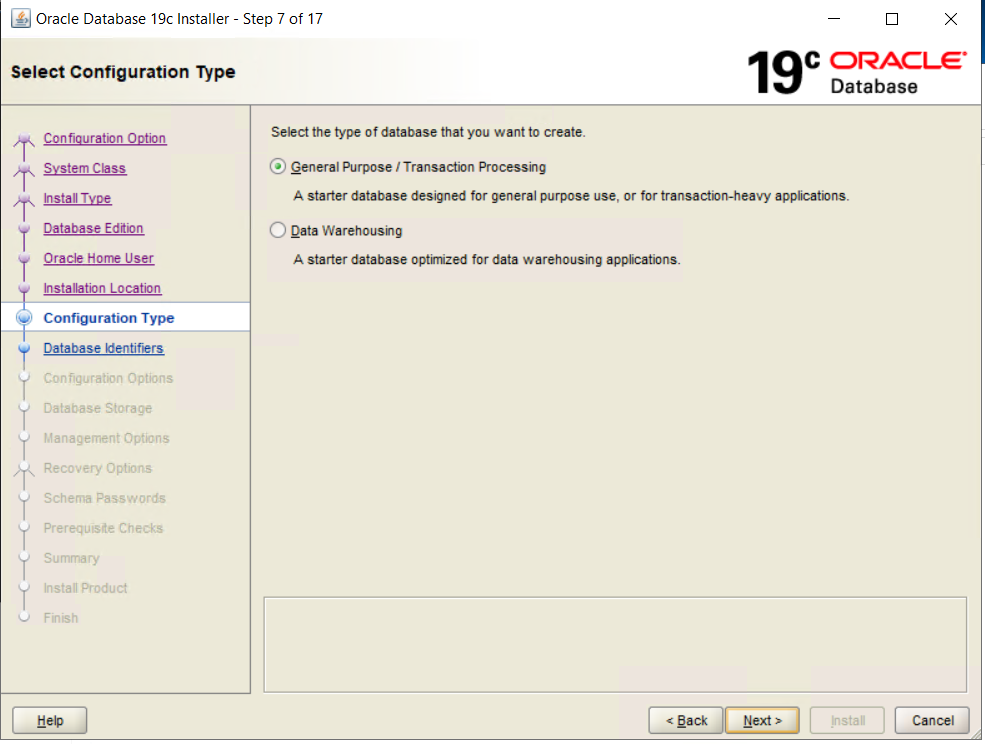
Select Standard Edition and click Next



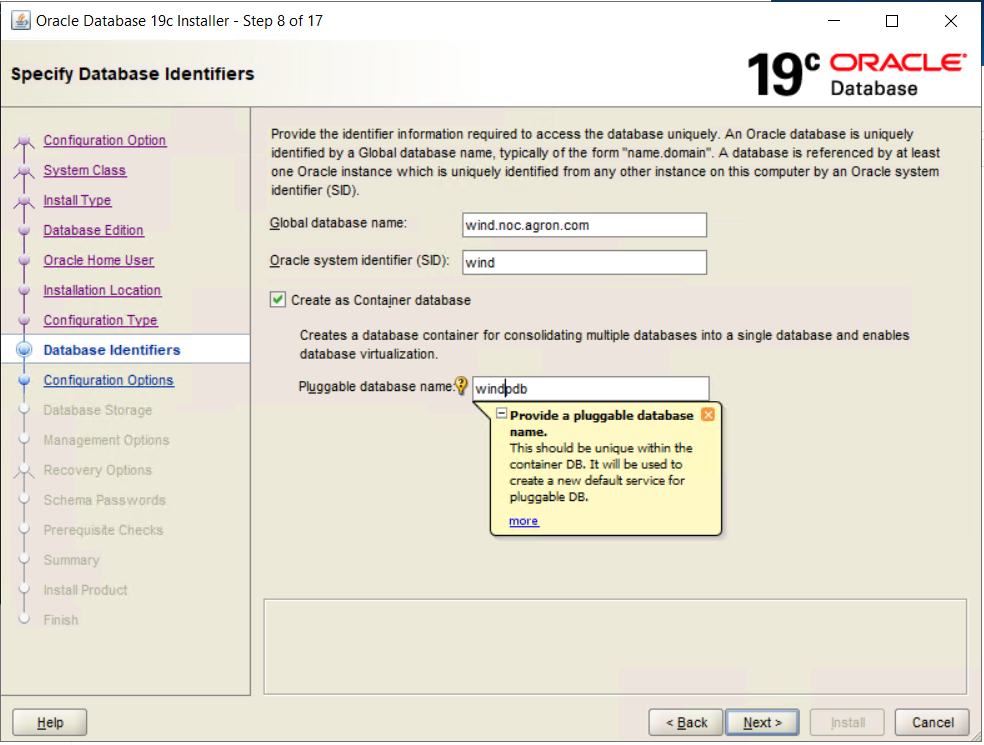
Select Use Windows Build-in Account and click Next



Select a directory for oracle\_base (D:\app\PTC-Service) and click Next



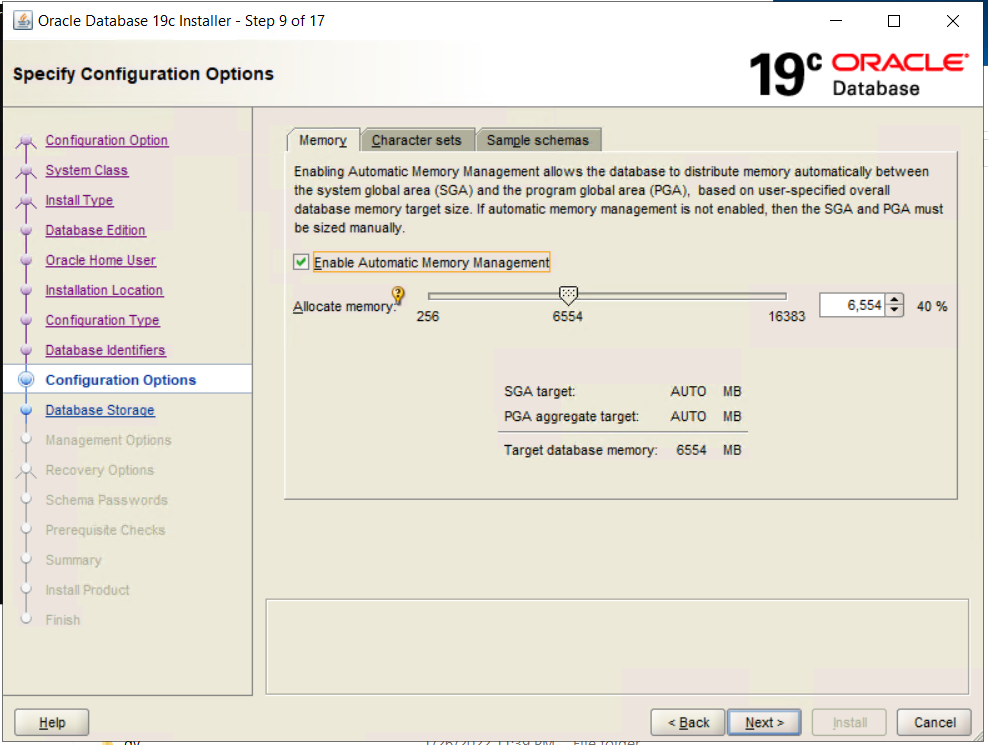
Select General purpose/Transaction processing



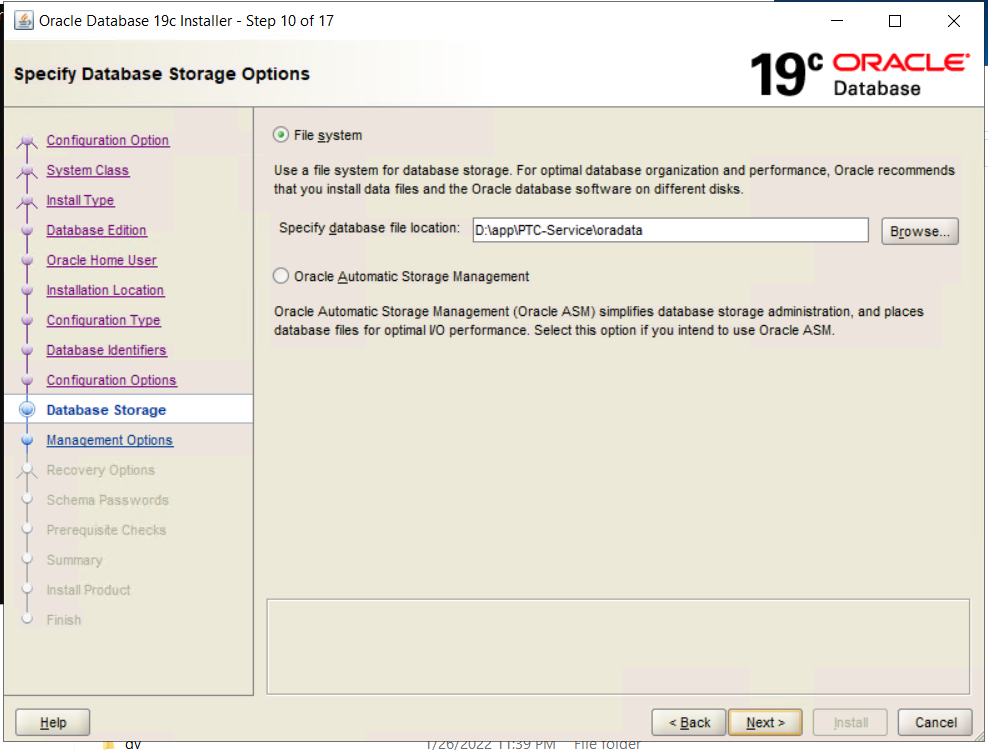
Global database name: wind.noc.agron.com(Referred during Windchill installation&upgrade)

Oracle System identifier(SID) : wind

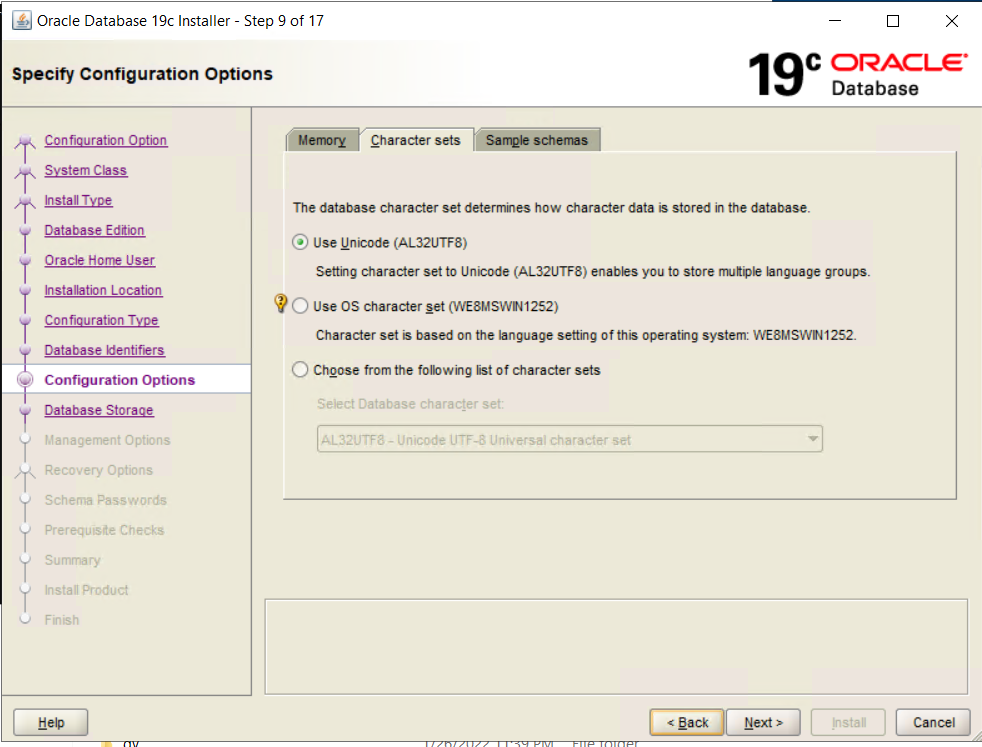
Pluggable database name : windpdb



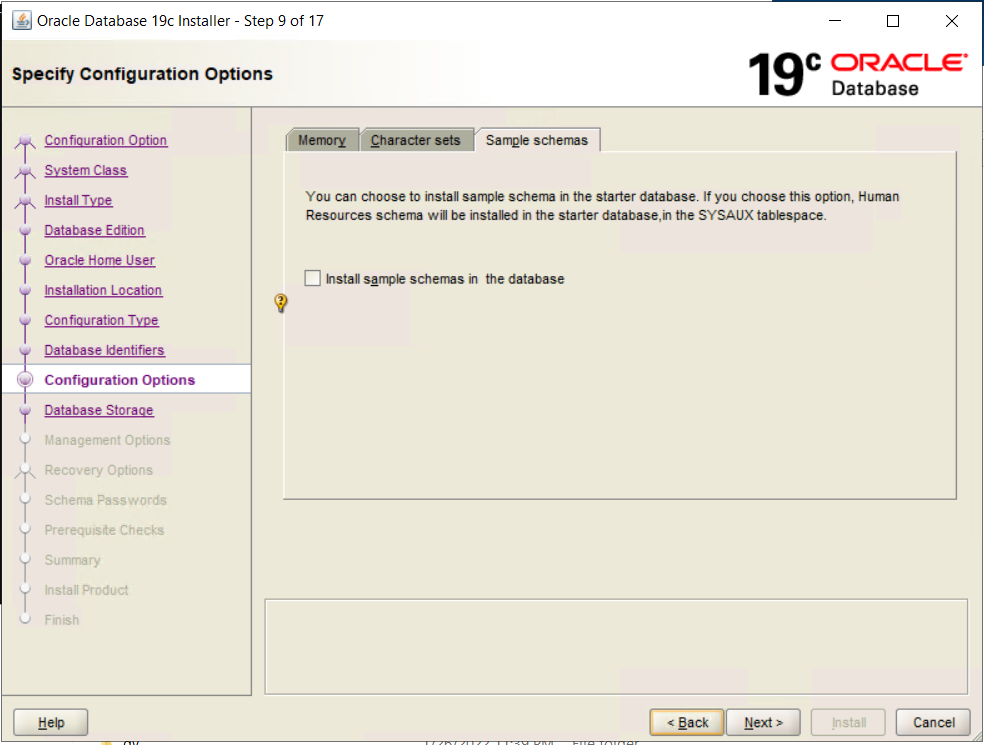
Deselect Automatic memory management



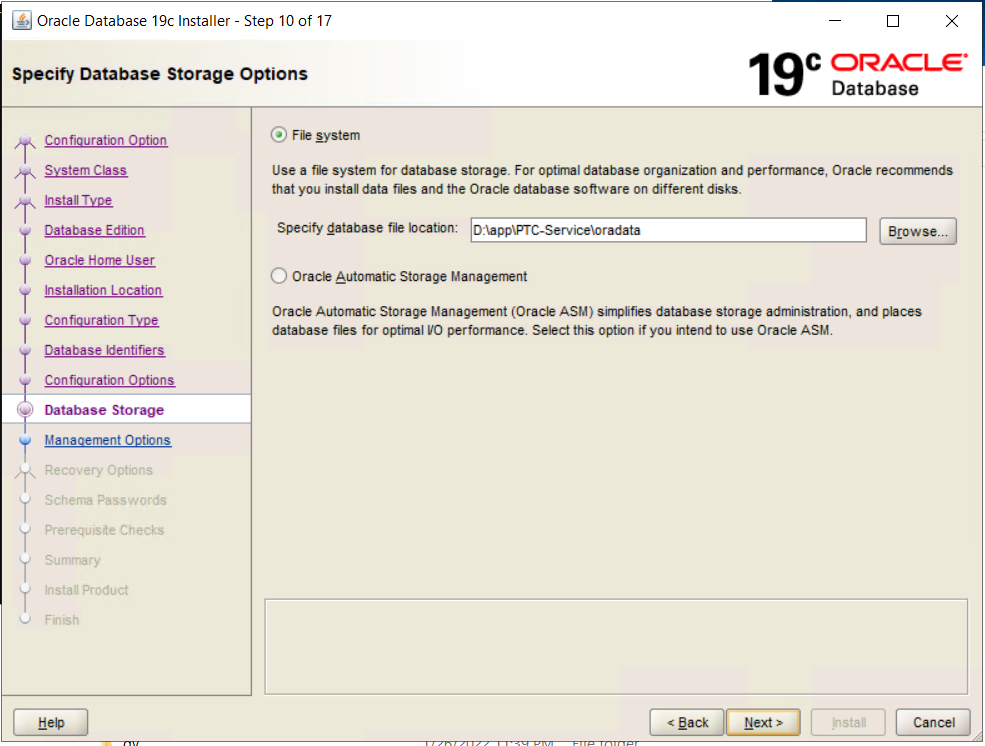
Select File system



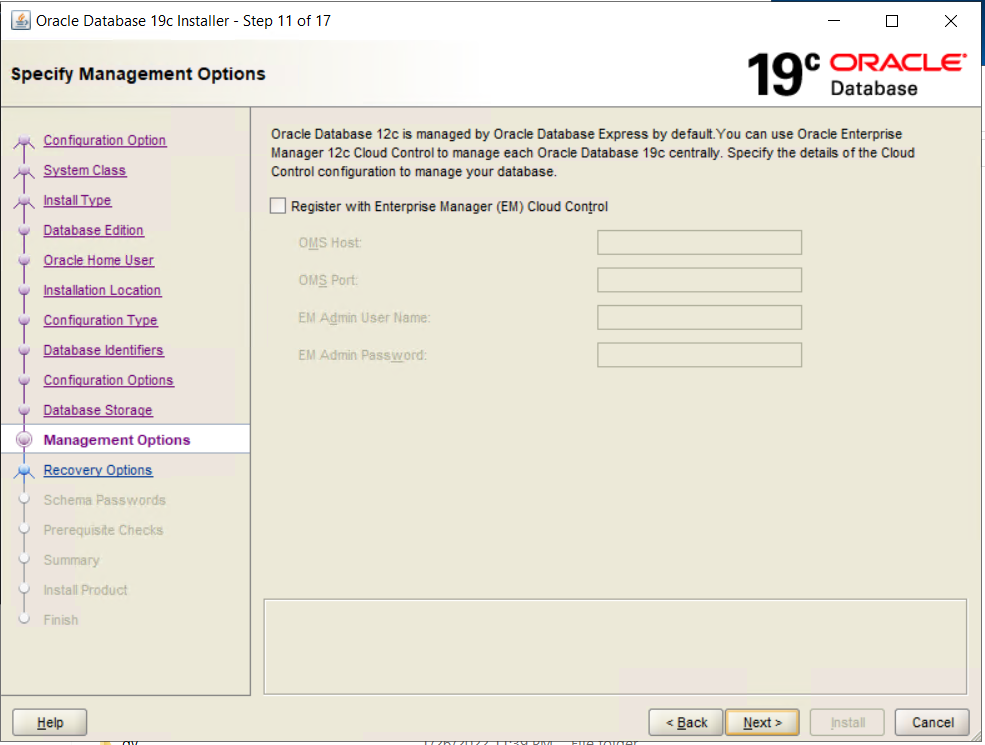
In Character sets select (Use Unicode) click Next



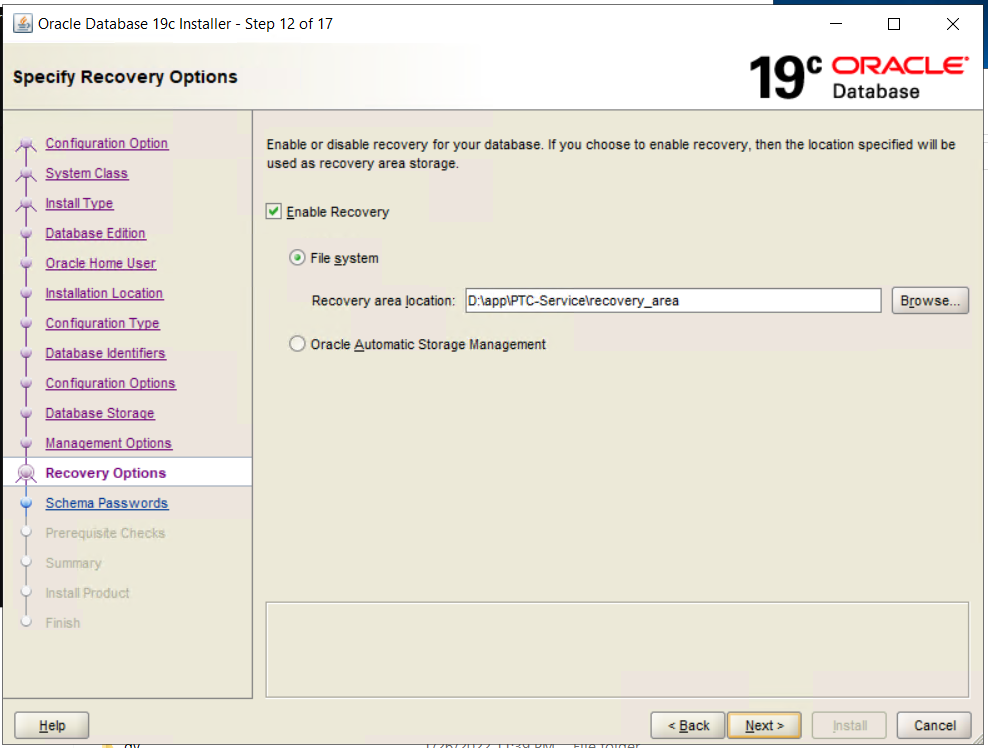
Select Schemas click Next



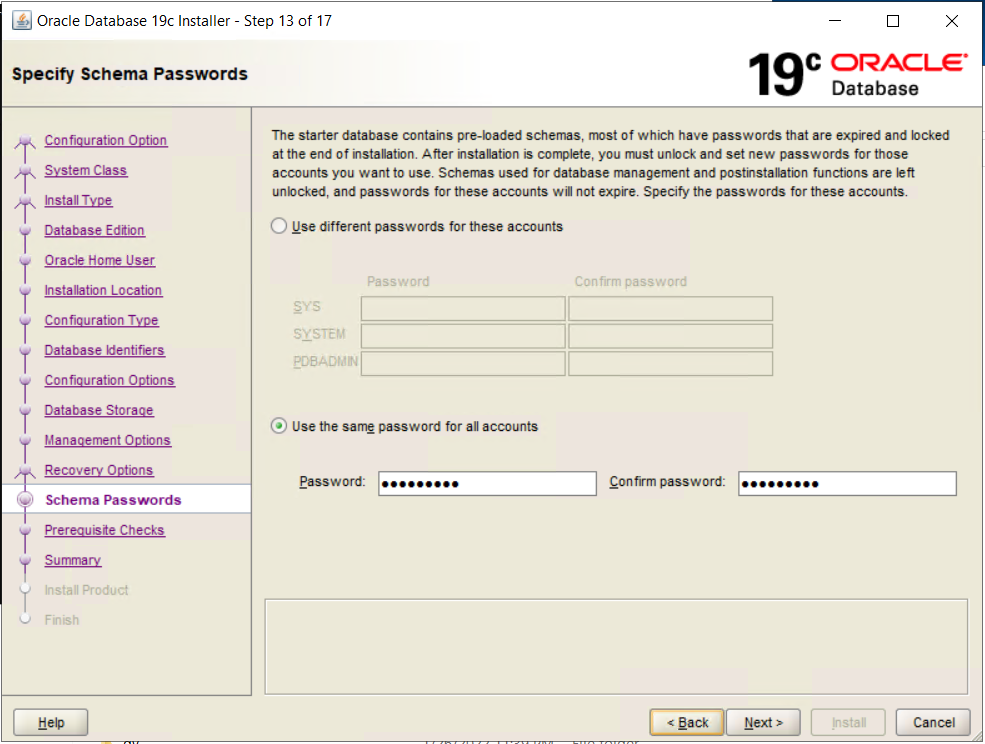
File System leave the default option and click Next



In Specify Management options click Next

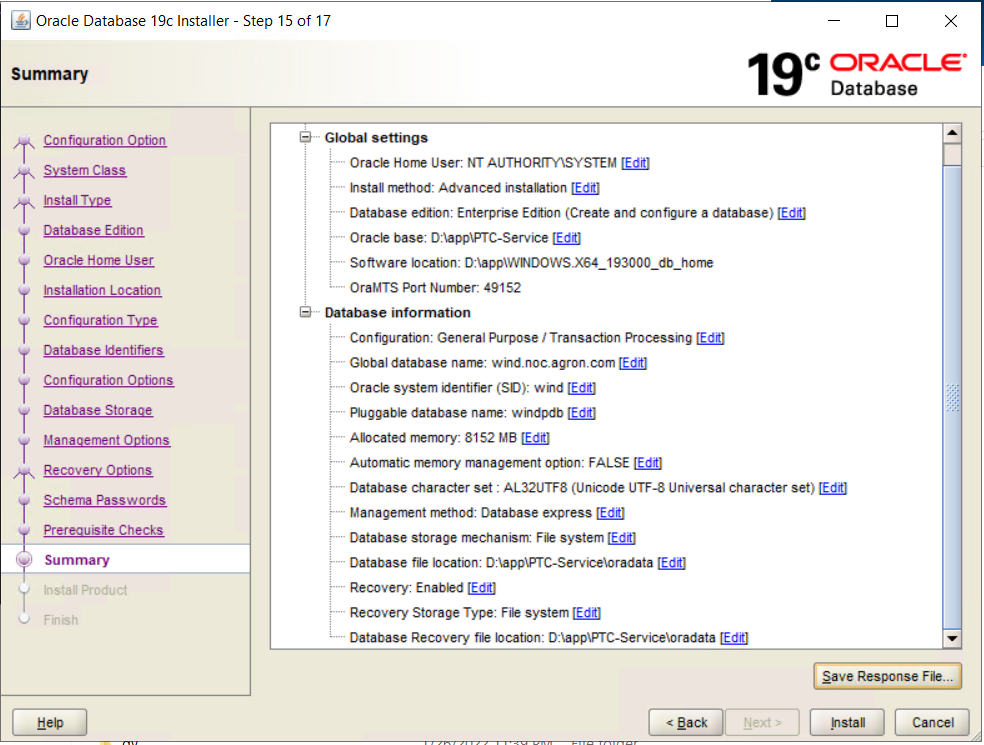


Specify Recovery option window Select Enable Recovery and file system

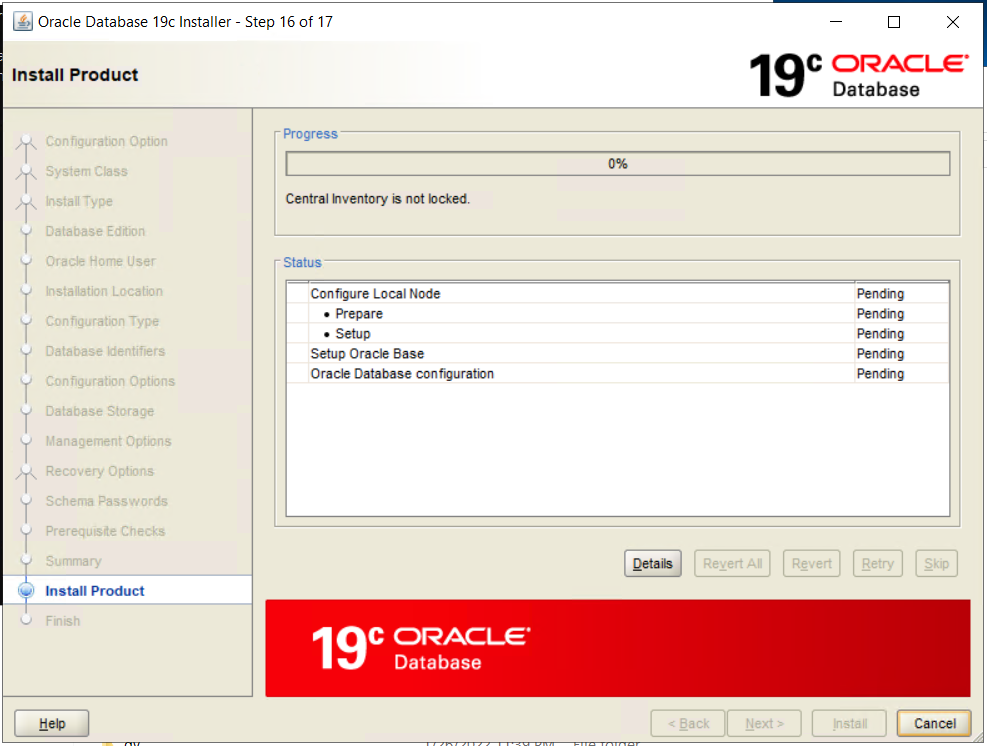


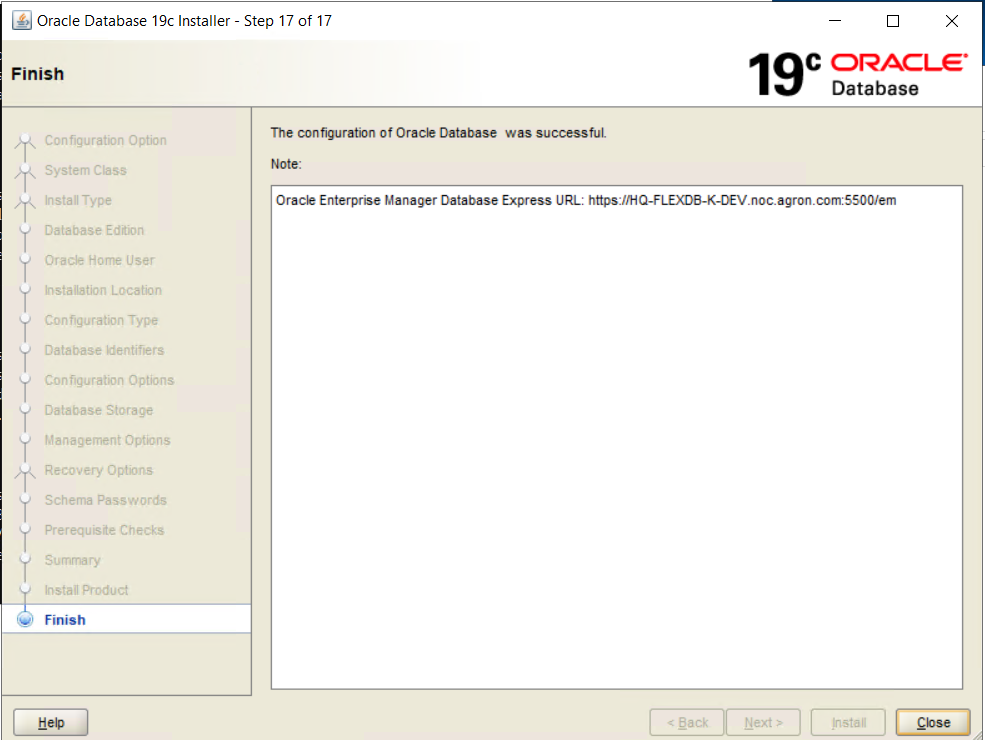
system/w1ndCh1ll

In Specify Schema passwords select “Use the same password for all accounts”



In Summary window click Install



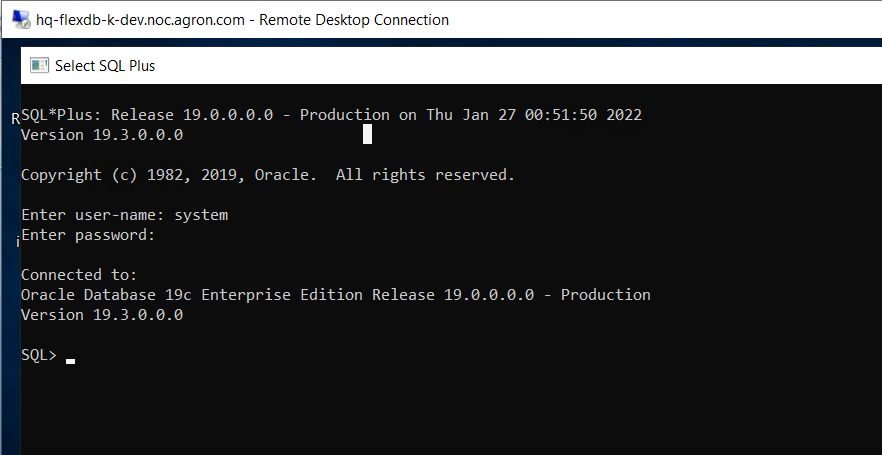


<https://HQ-FLEXDB-K-DEV.noc.agron.com:5500/em>

Once installation is completed go to command prompt

Type “sqlplus”

In user-name field type system and then the password to connect.



Ran the following command to create and initialize dmpdir

Create or replace directory dmpdir as ‘D:\dbWorkspace’

For creating a user use “CreateUser.sql”

Once user is created change the password using

Alter user C##newqa11 identified by newqa11;

Ran the following commands to create Database TableSpaces which are mandatory for Windchill

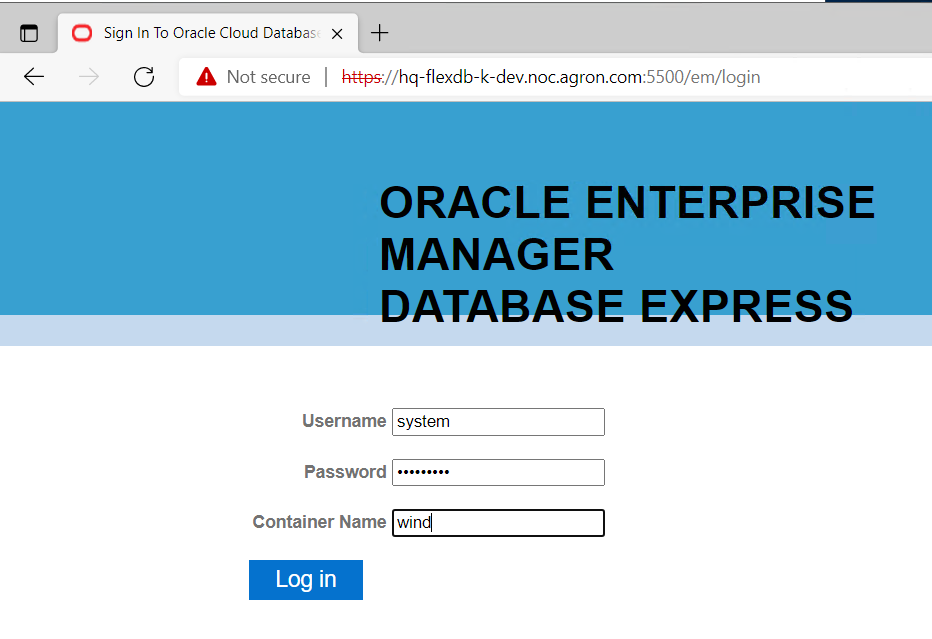
CREATE TABLESPACE "BLOBS" LOGGING DATAFILE 'D:\APP\PTC-SERVICE\ORADATA\WIND\BLOBS01.dbf' SIZE 1000M AUTOEXTEND ON NEXT 1M MAXSIZE UNLIMITED EXTENT MANAGEMENT LOCAL UNIFORM SIZE 128K SEGMENT SPACE MANAGEMENT AUTO;

CREATE TABLESPACE "INDX" LOGGING DATAFILE 'D:\APP\PTC-SERVICE\ORADATA\WIND\INDX01.dbf' SIZE 1000M AUTOEXTEND ON NEXT 1M MAXSIZE UNLIMITED EXTENT MANAGEMENT LOCAL UNIFORM SIZE 128K SEGMENT SPACE MANAGEMENT AUTO;

CREATE TABLESPACE "WCAUDIT" LOGGING DATAFILE 'D:\APP\PTC-SERVICE\ORADATA\WIND\WCAUDIT01.dbf' SIZE 1000M AUTOEXTEND ON NEXT 1M MAXSIZE UNLIMITED EXTENT MANAGEMENT LOCAL UNIFORM SIZE 128K SEGMENT SPACE MANAGEMENT AUTO;

SELECT NAME, VALUE FROM V$PARAMETER where lower(name) = 'db\_create\_file\_dest';

select file\_name from dba\_data\_files where tablespace\_name = 'USERS';



But this is not working

Some important commands

Below are the import command and export command to Oracle 12c DB

impdb system/w1ndCh11@wind DIRECTORY=dmpdir exclude=statistics dumpfile=C\_\_WCPROD\_2022-18-02\_19-30-01\_EXP.DMP logfile= C\_\_WCPROD\_2022-18-02\_19-30-01\_EXP.log schemas=c##wt121

In some cases indexs creation will be failing need to create them post import

To Export

expdp system/w1ndCh1ll@wind SCHEMAS=c##wt121 DIRECTORY=dmpdir DUMPFILE=c\_\_wt121\_DMP\_230222.dmp logfile C\_\_wt121\_DMP\_230222.log

To gather statistics(Post import as we have disabled it in our import command)

execute dbms\_stats.gather\_schema\_stats(ownname=>’c##wt121’, cascade=>true)

prior to Upgrade set the below parameters

alter system set sga\_max\_size=16000m scope=spfile;

alter system set sga\_target=16000m scope=spfile;