1# Check X11 forwarding is enabled:  
As root:  
root# vi /etc/ssh/sshd\_config

X11Forwarding yes “if it is ‘no’ change it to ‘yes’ and save the file”

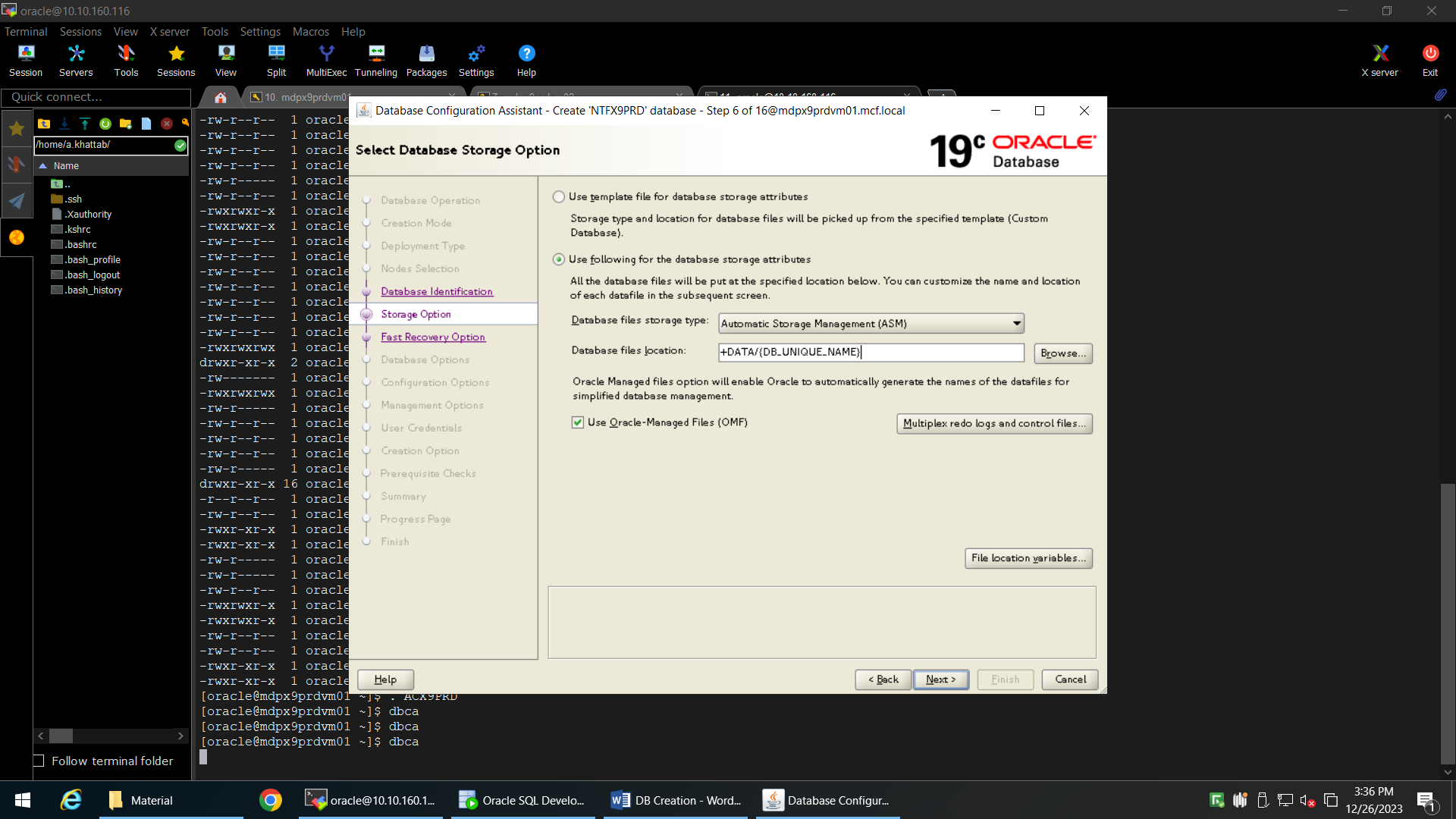
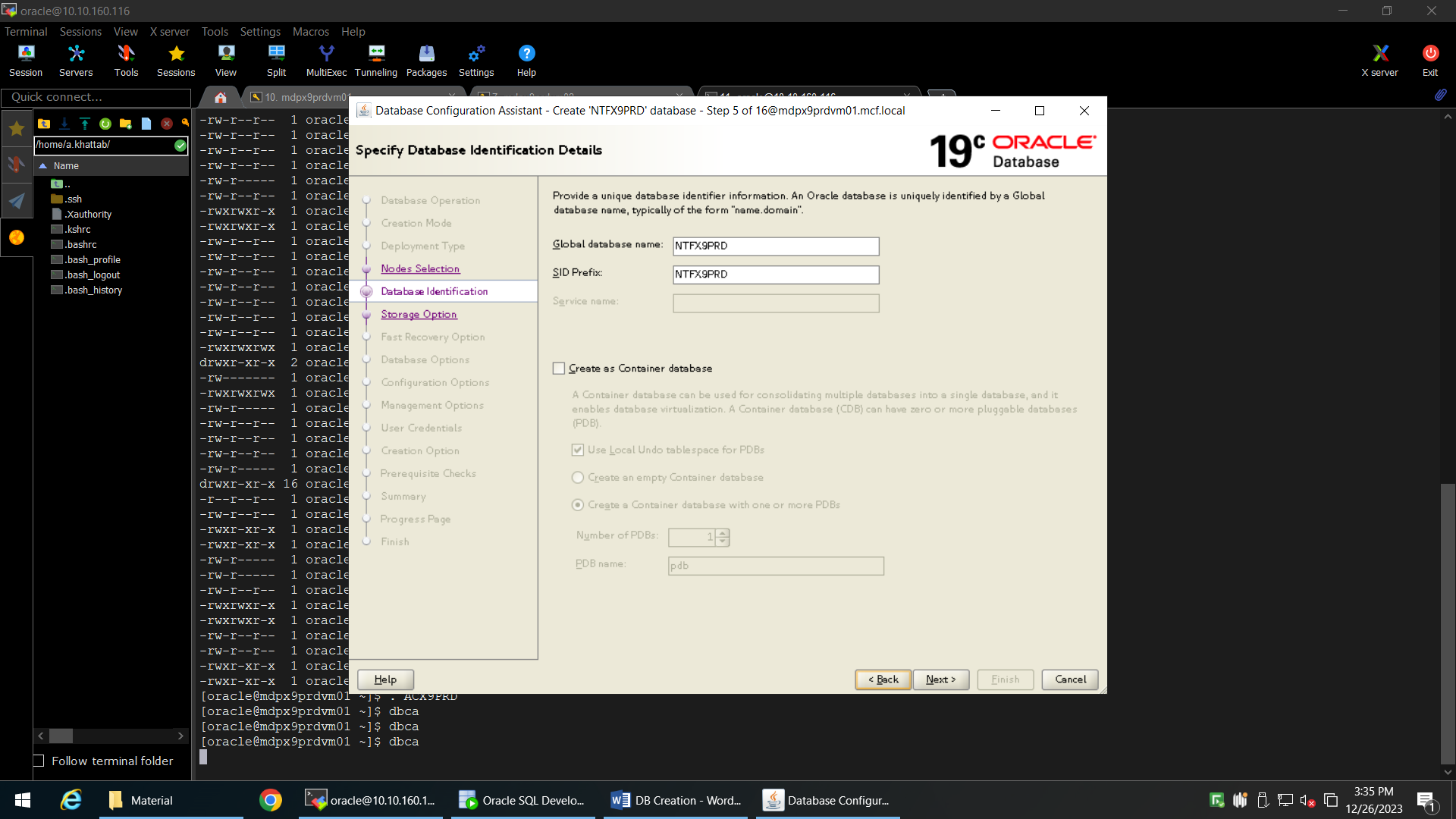
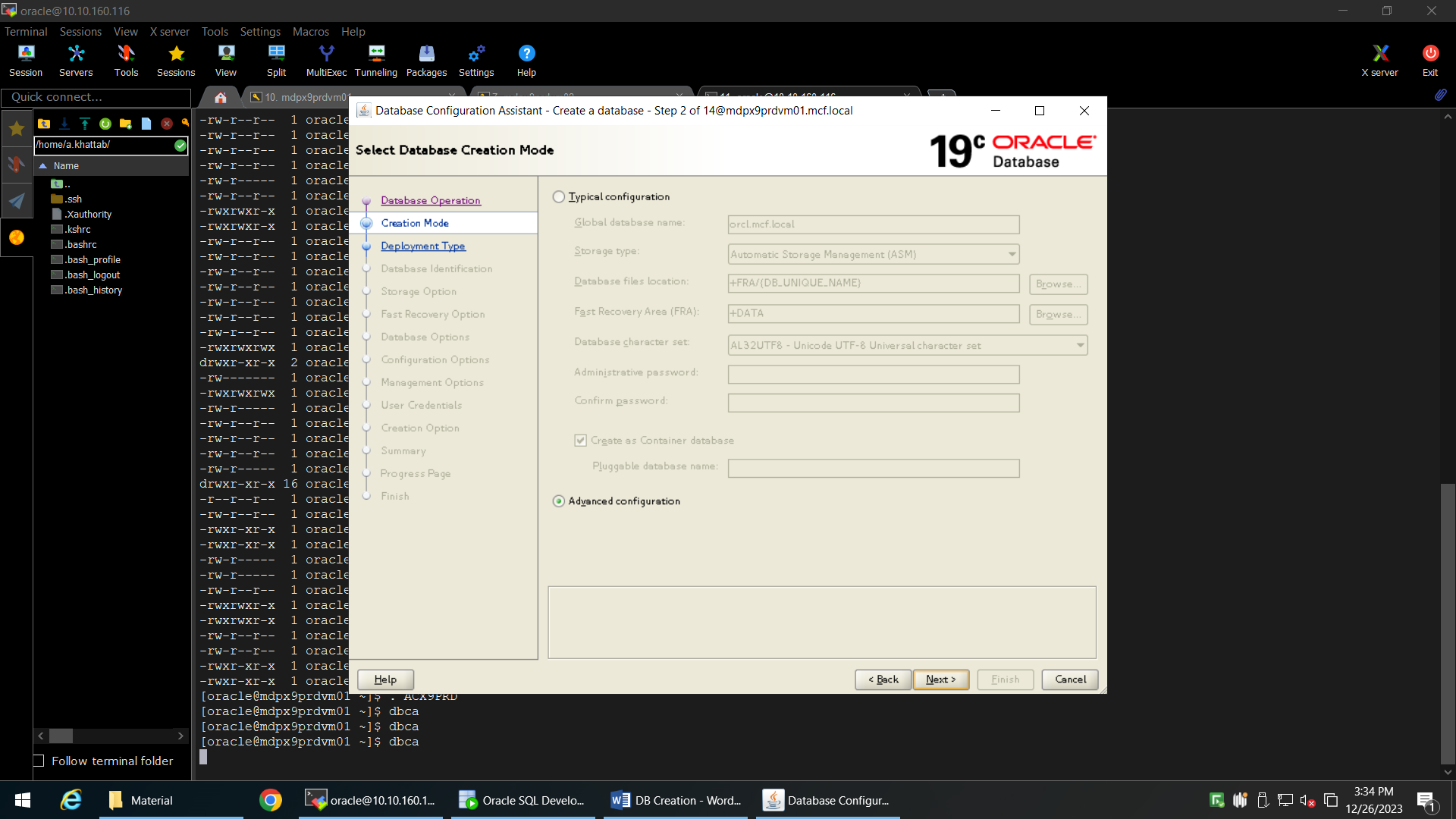
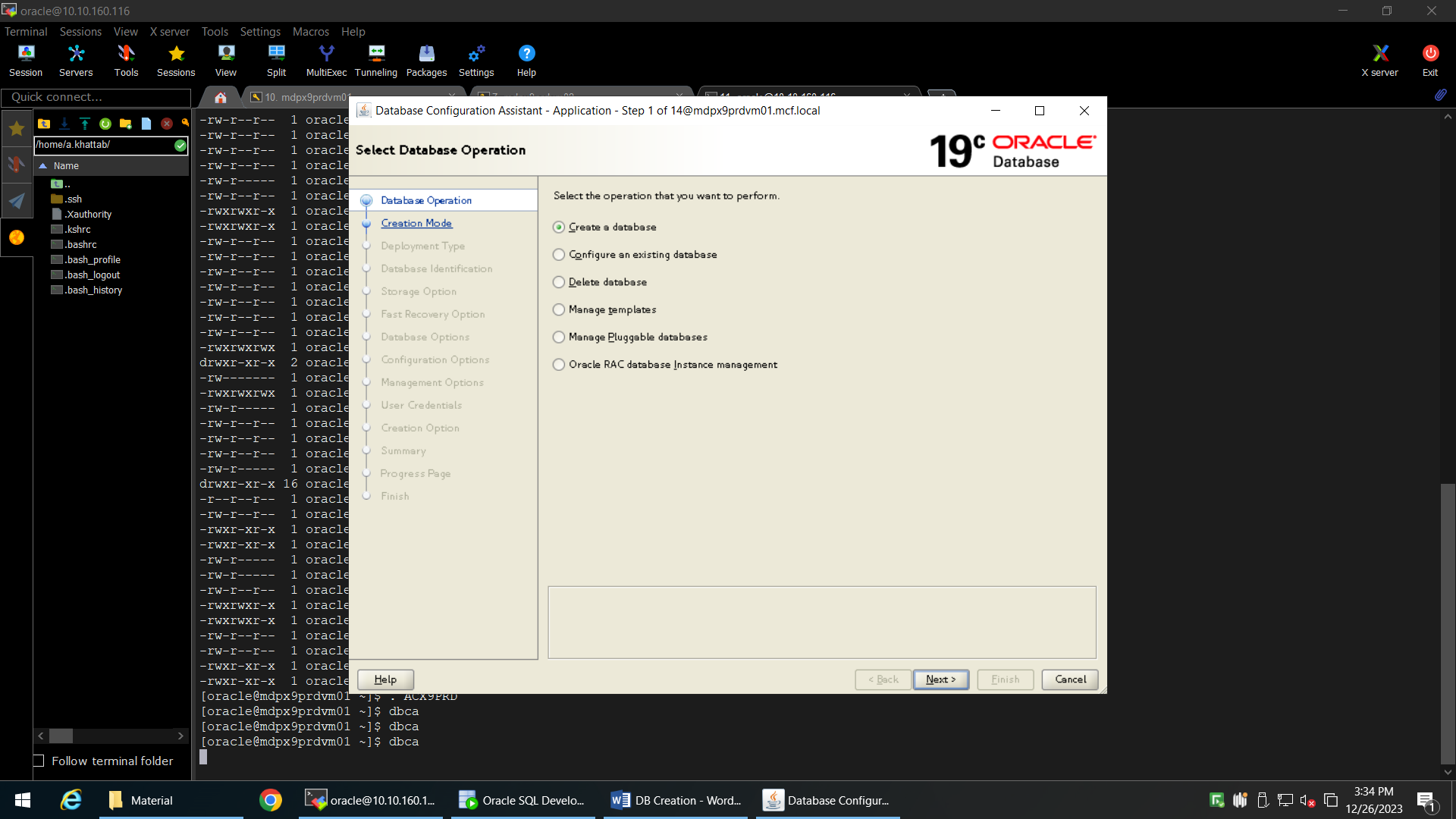
root# systemctl restart sshd

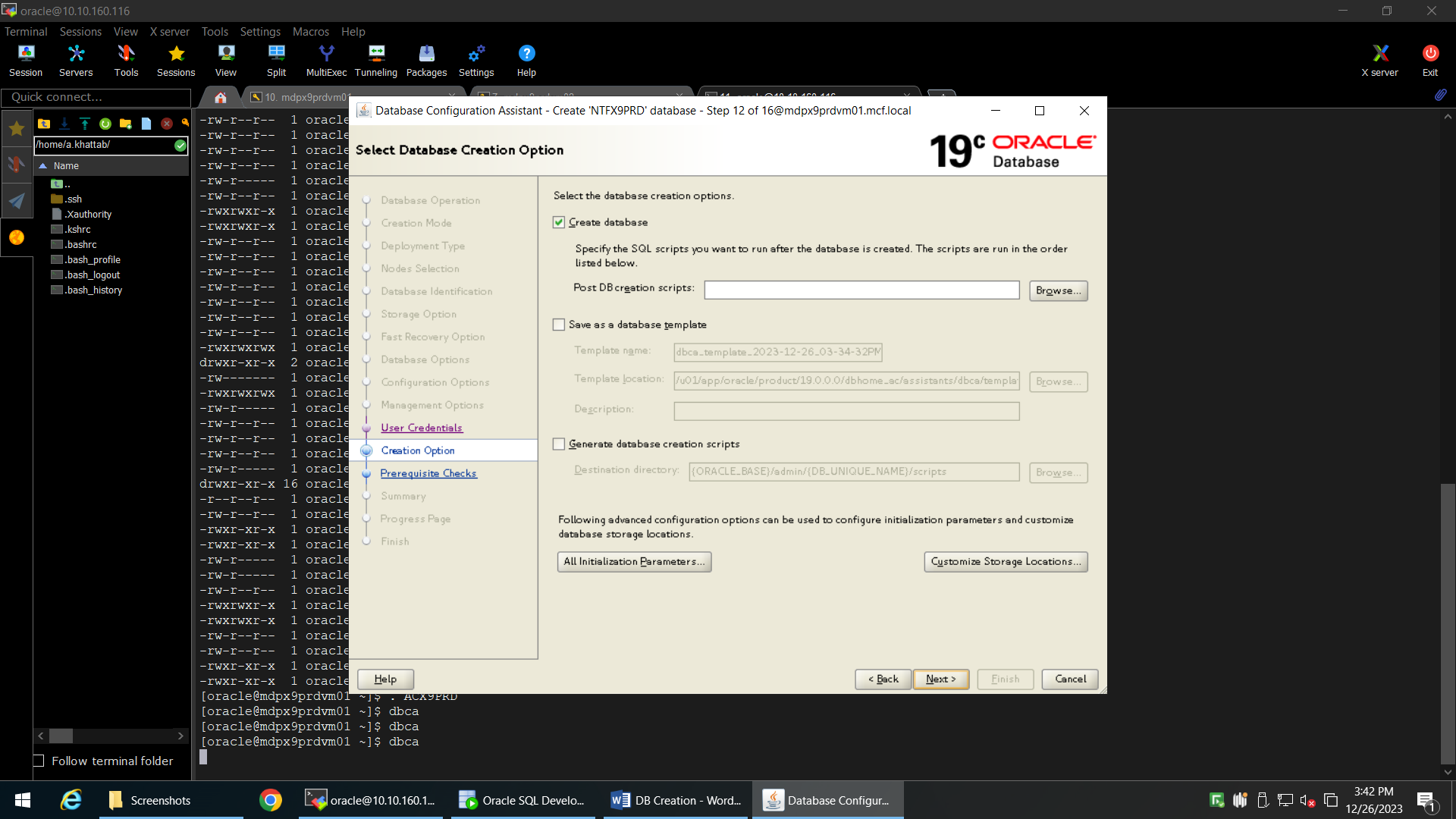
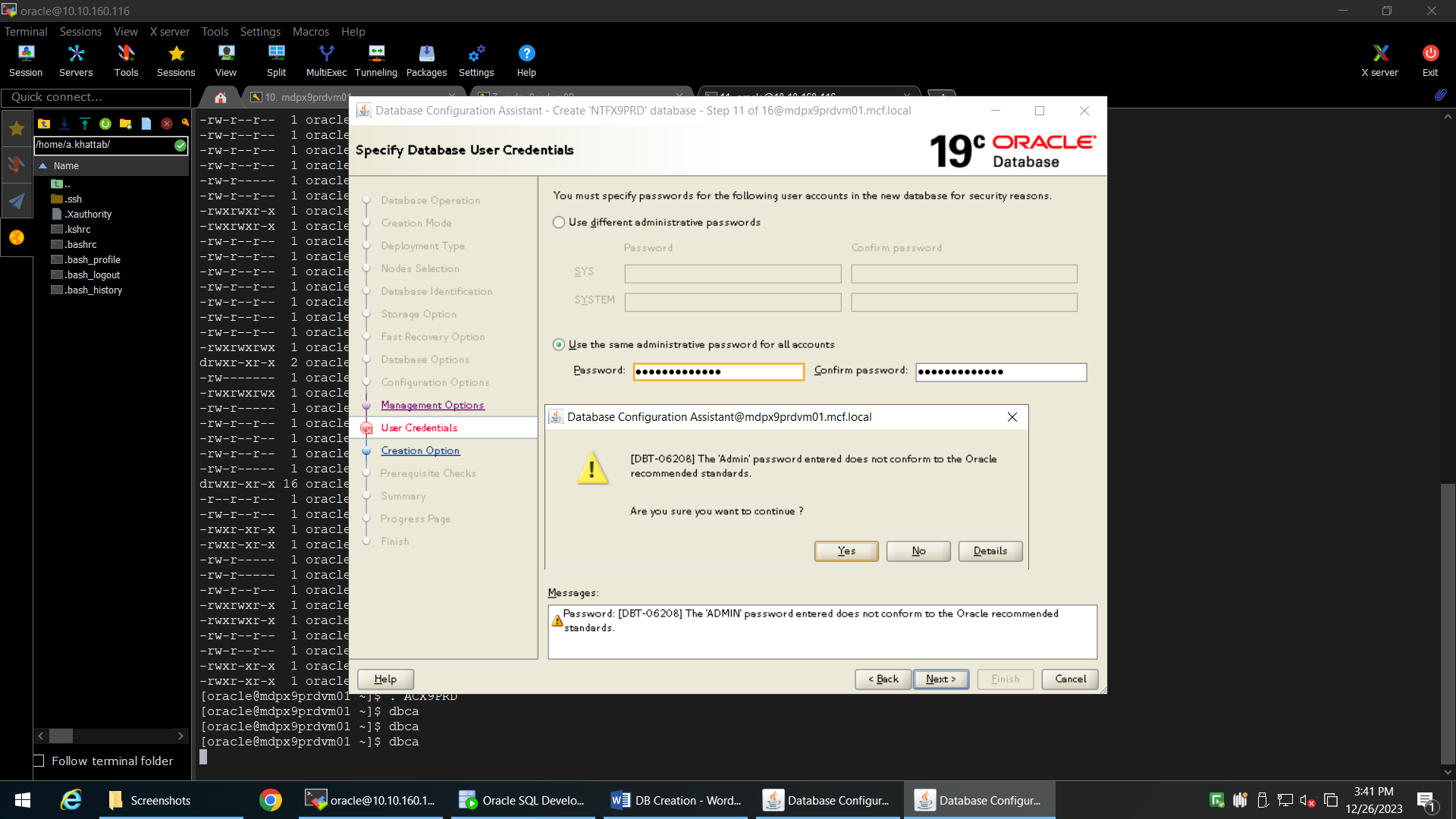
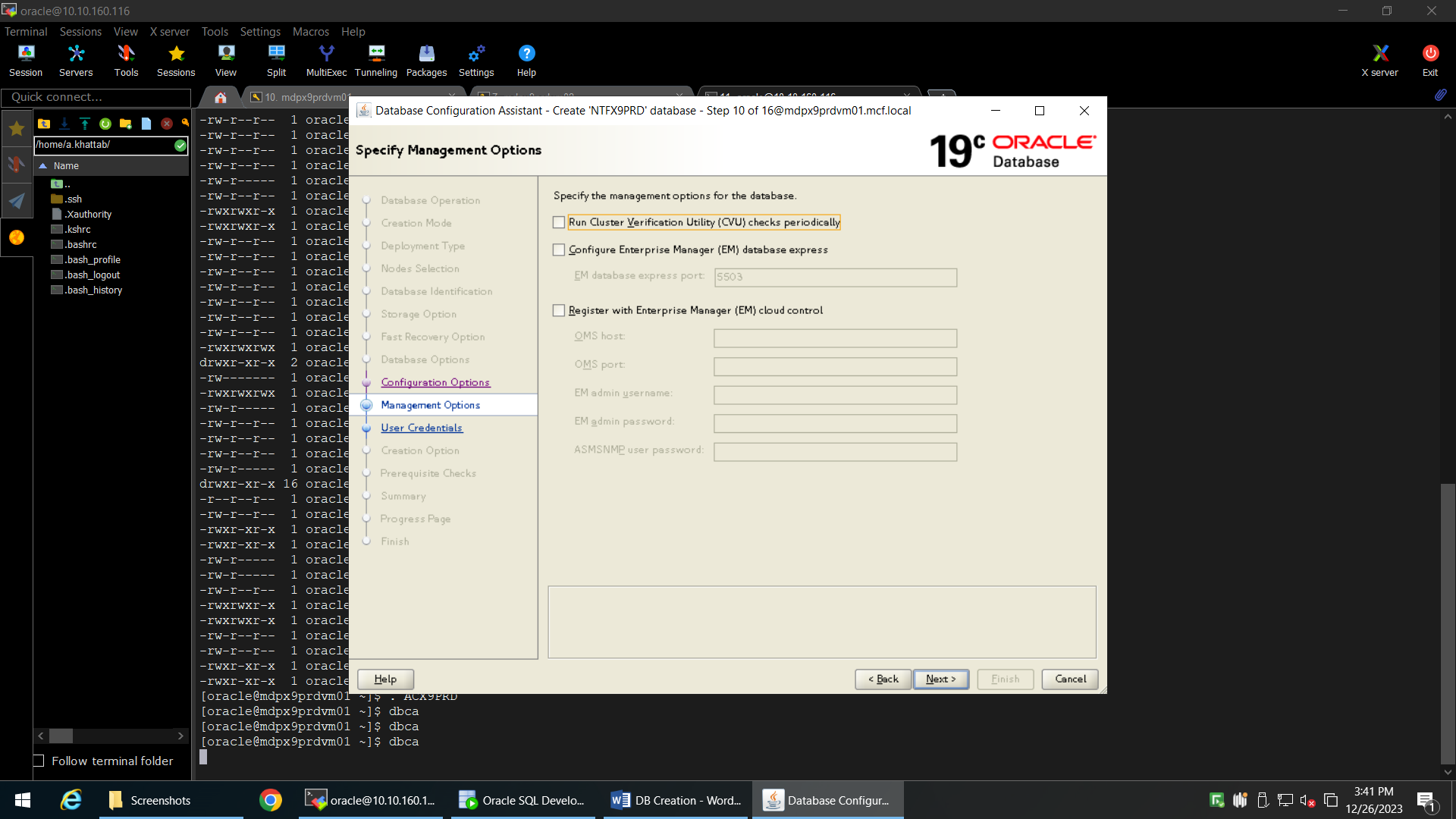
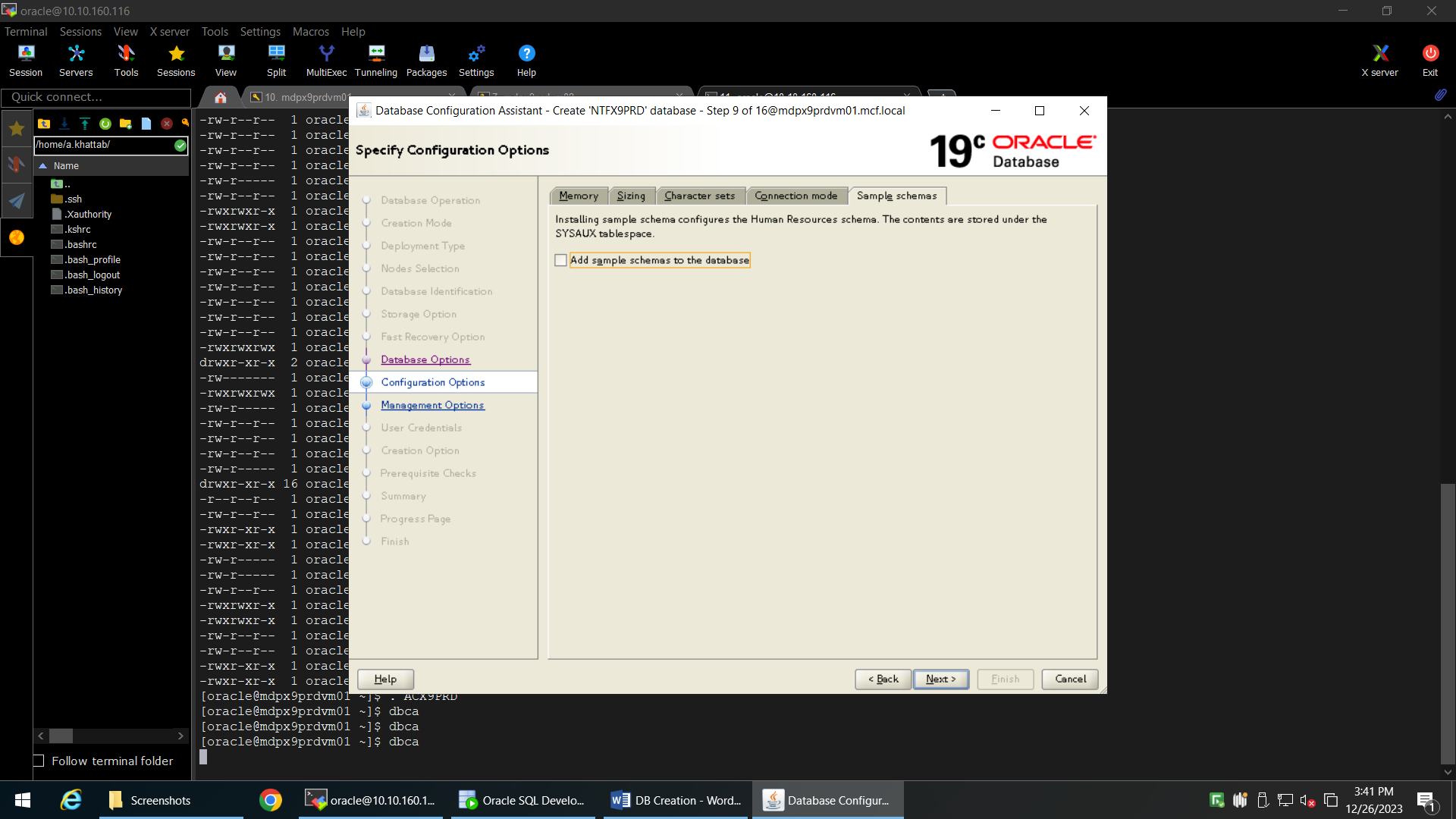
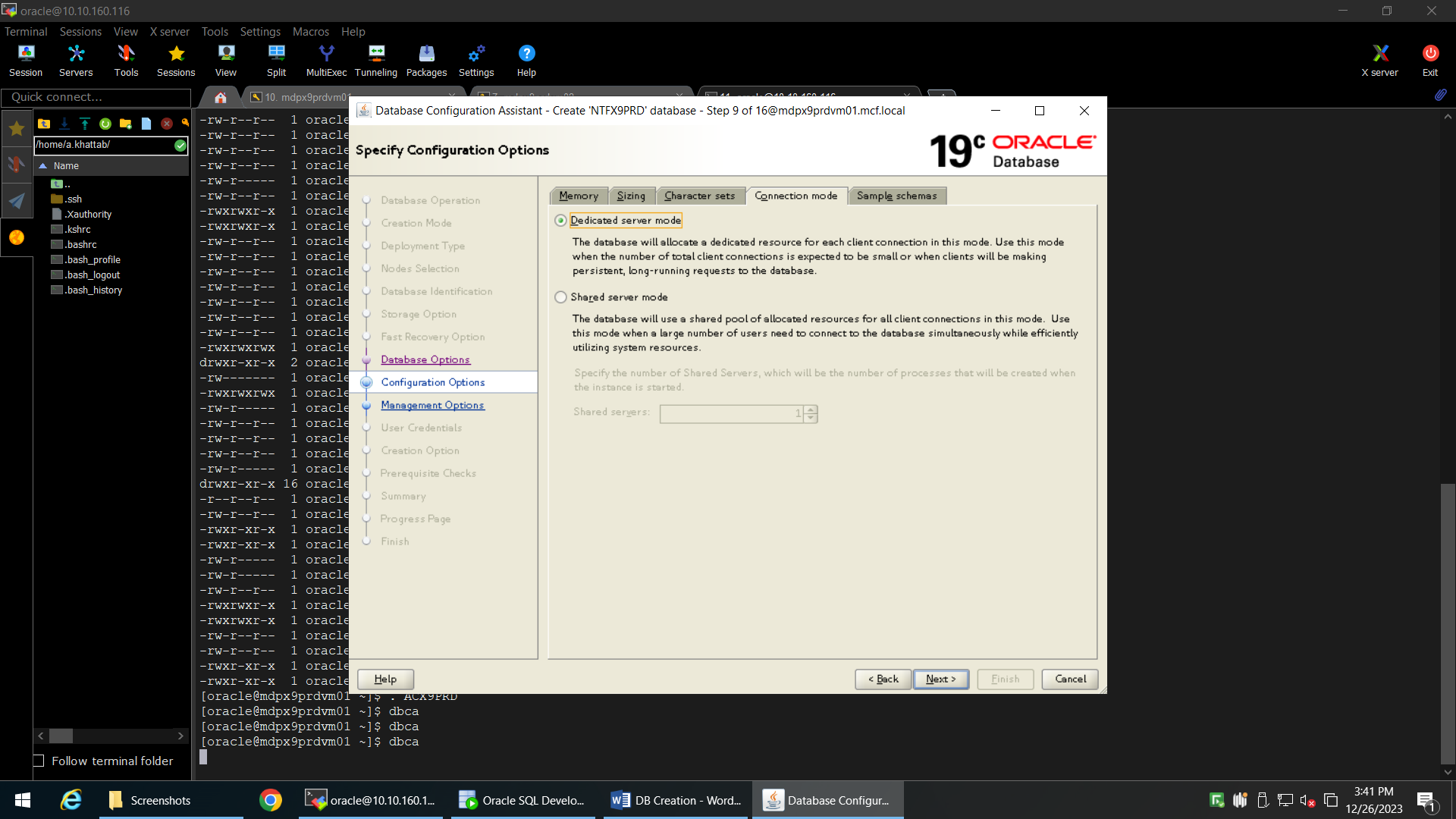
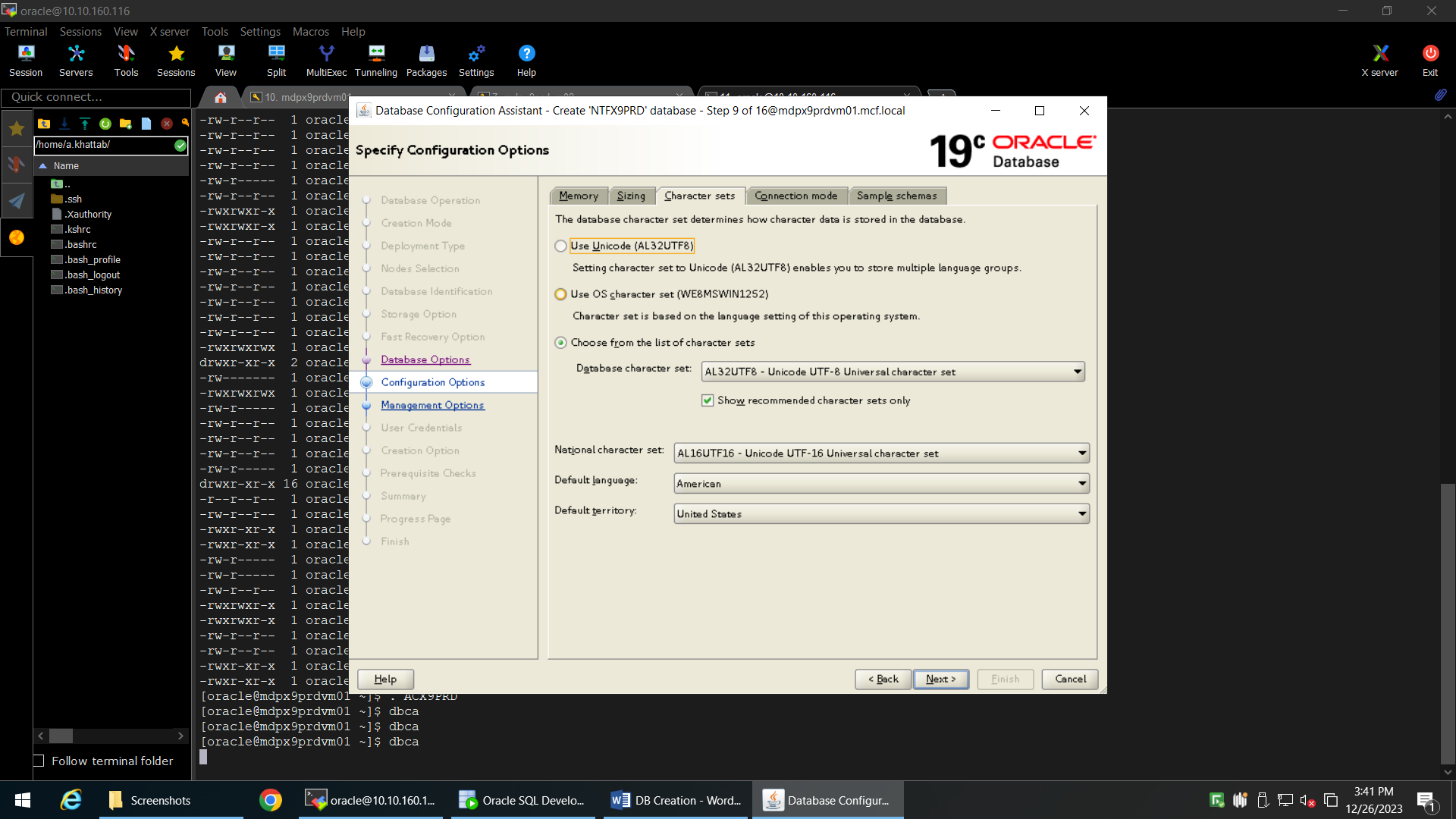
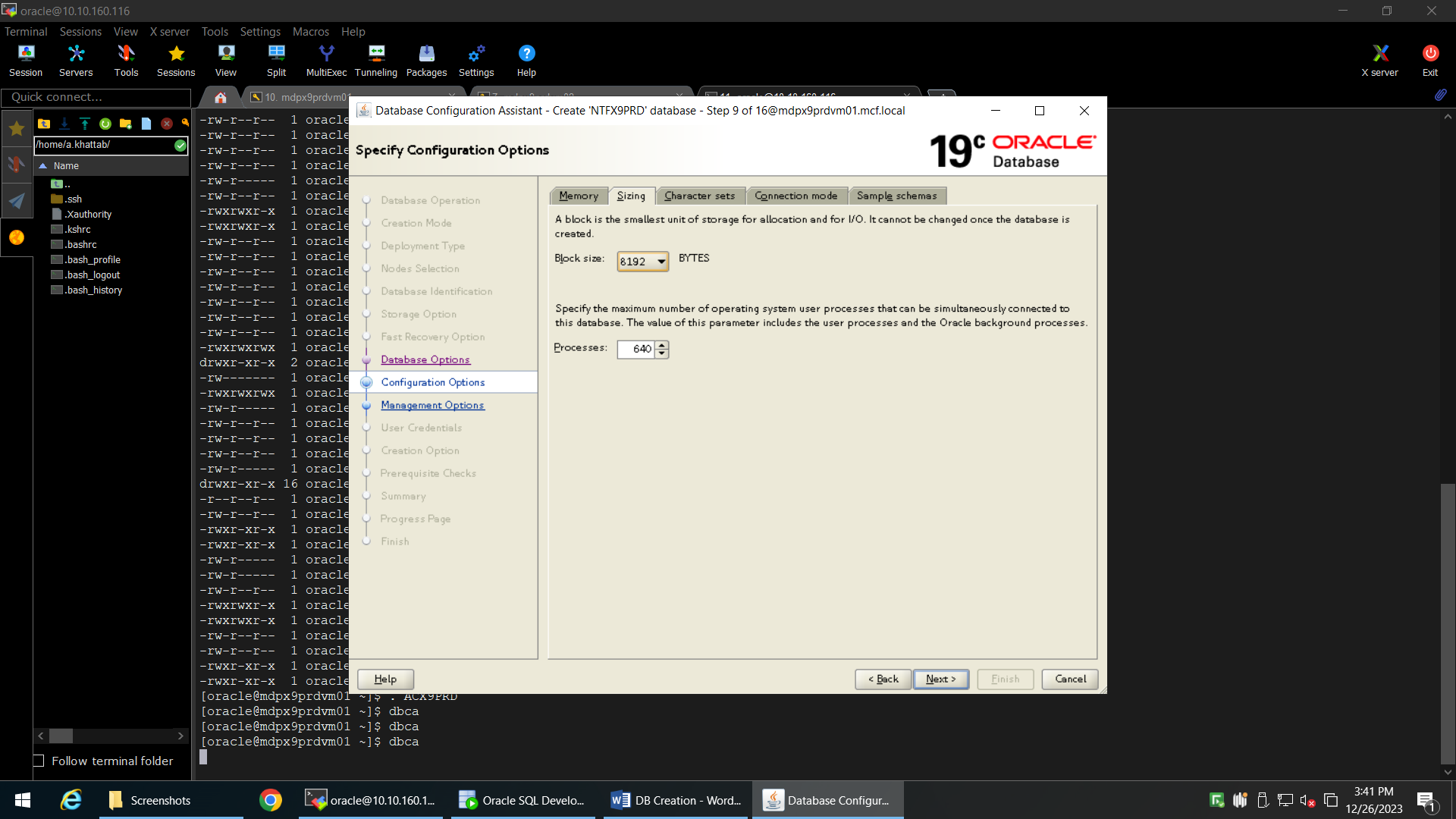
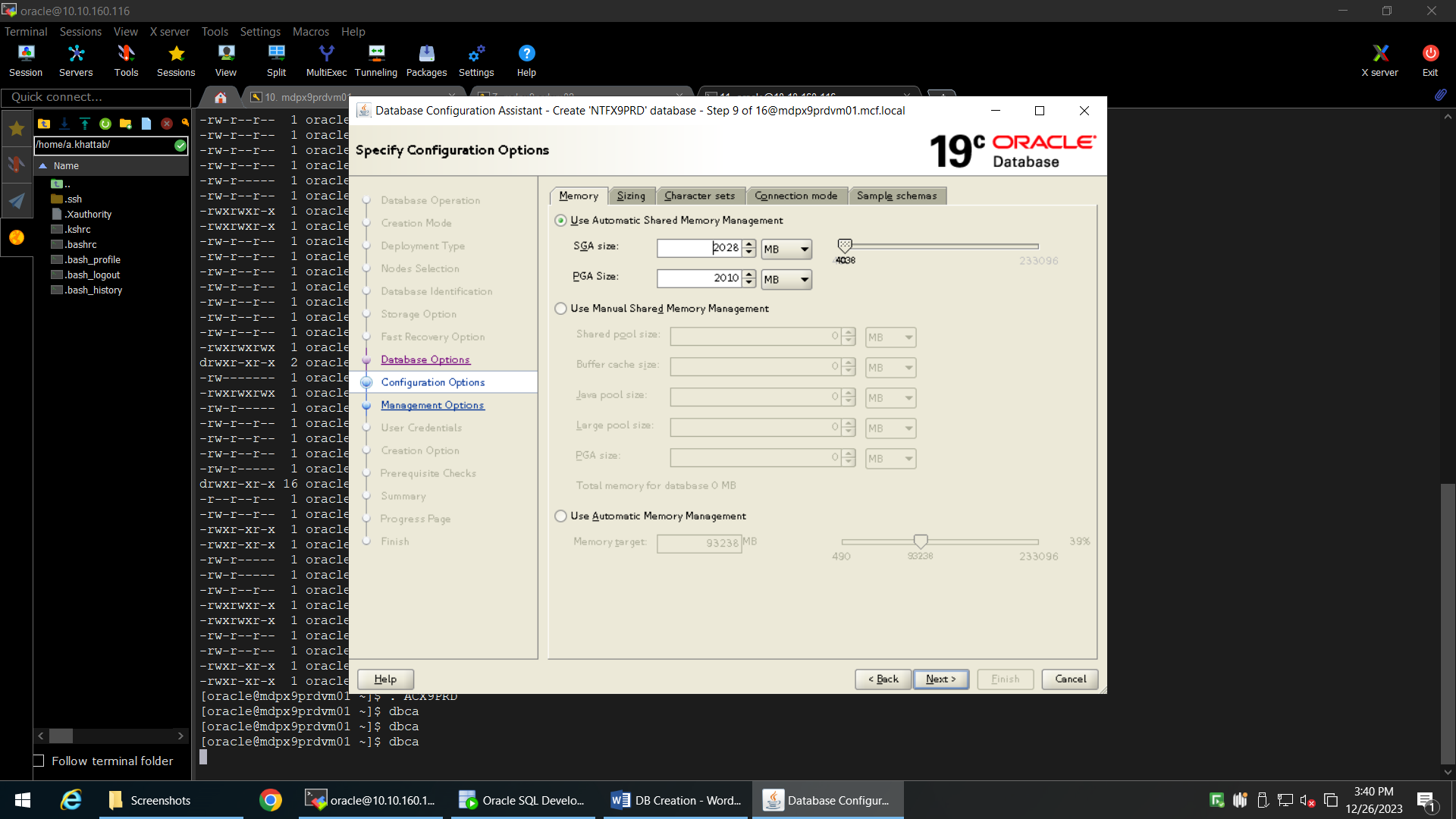
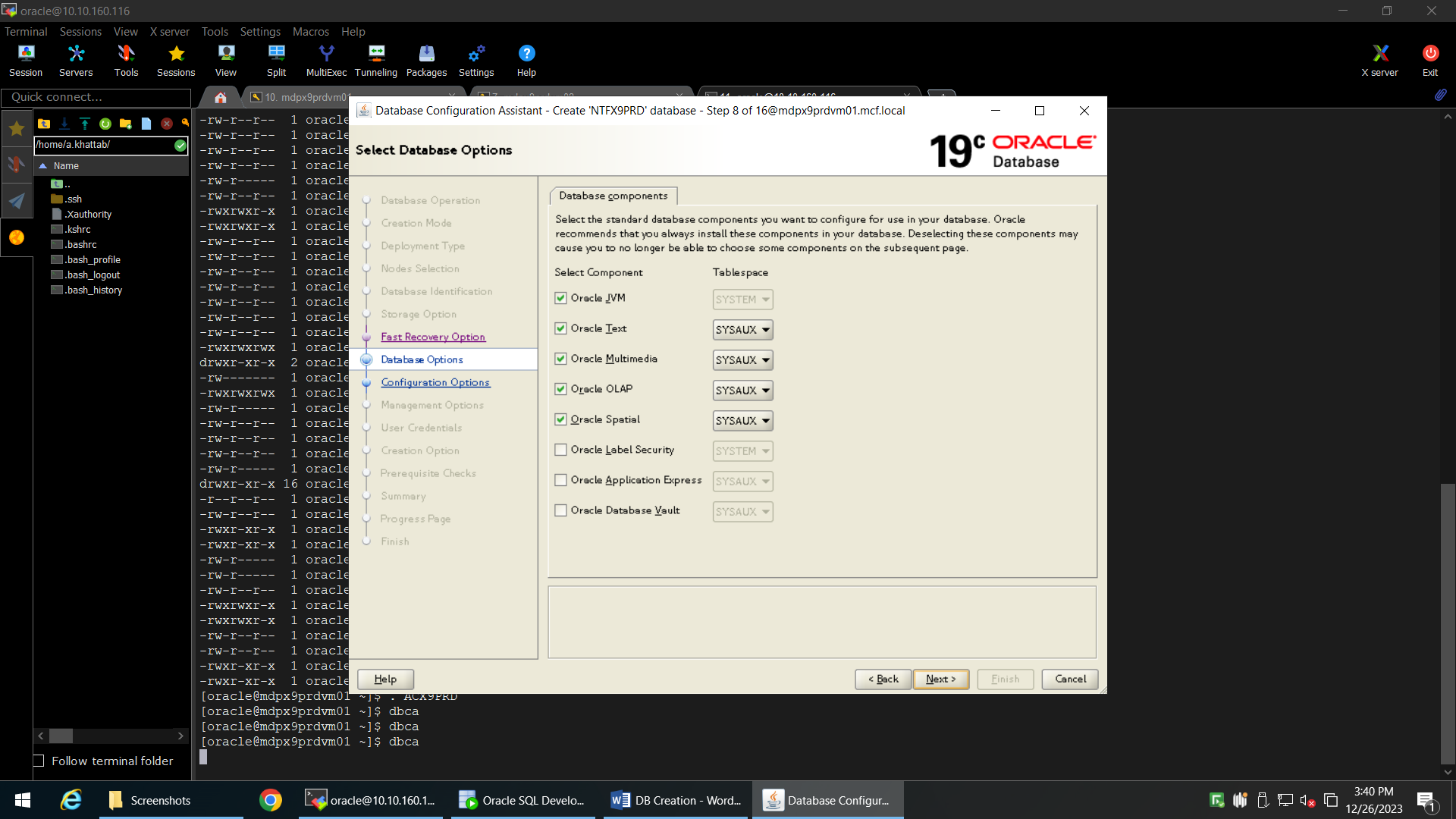
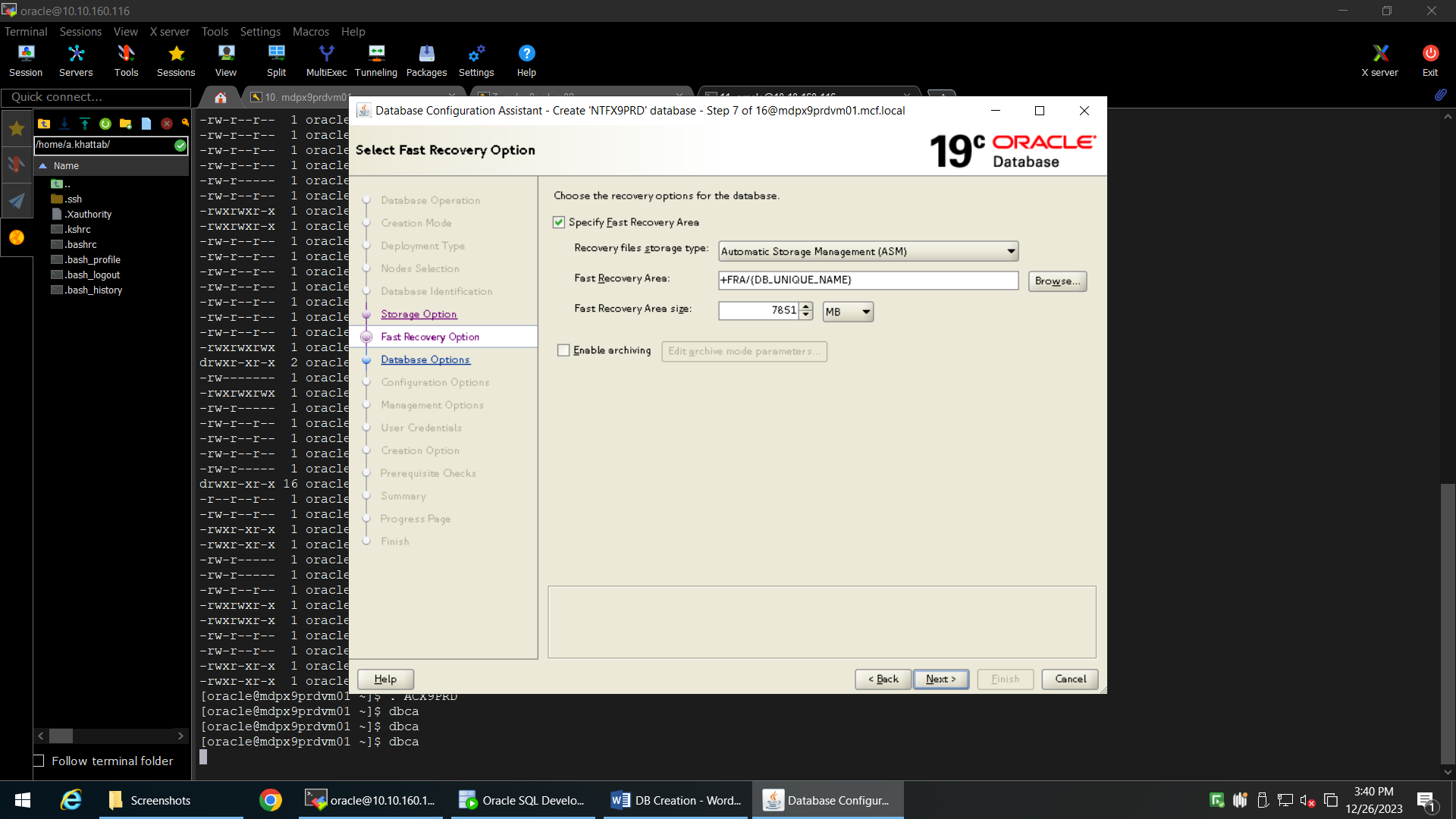
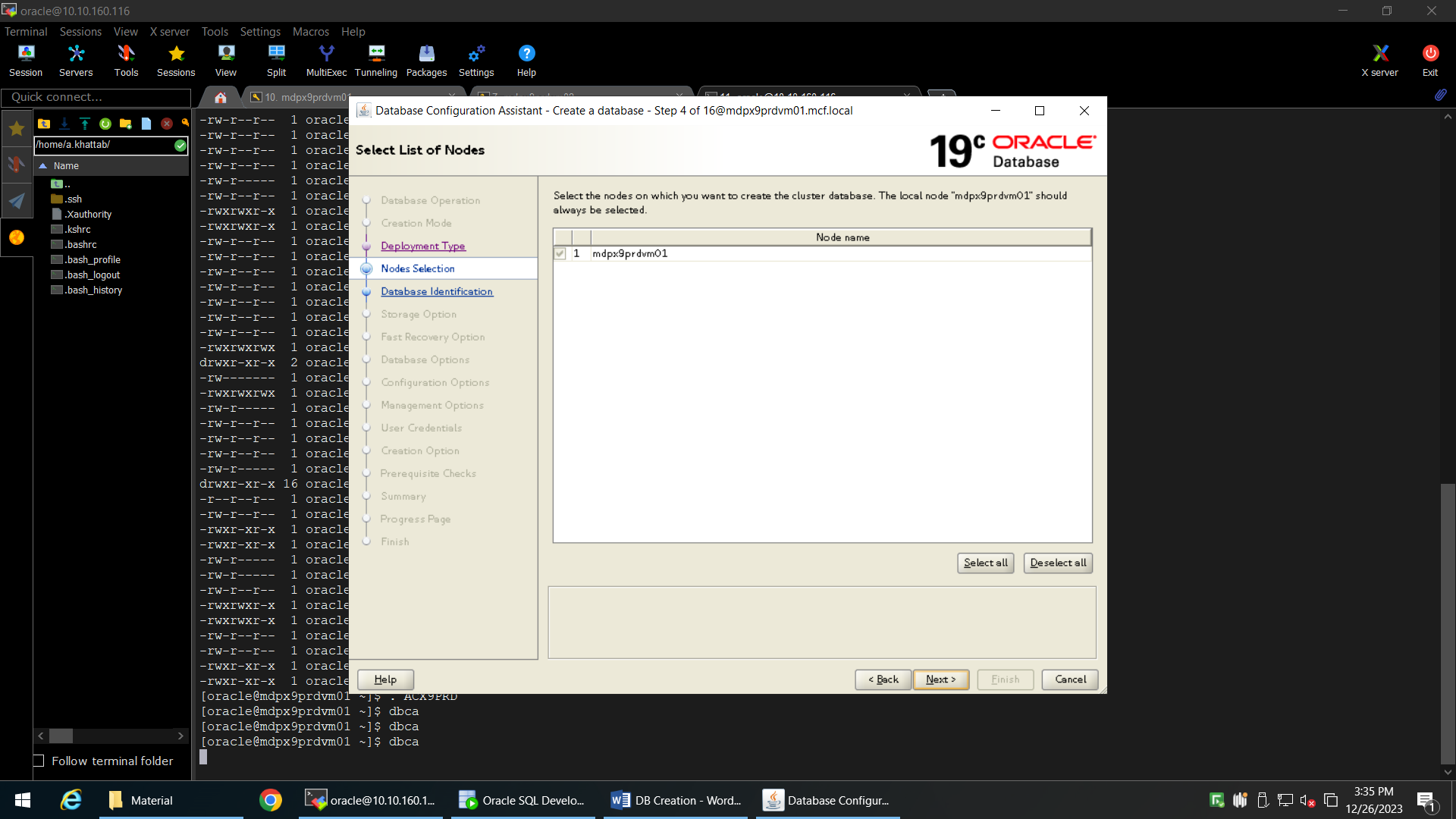
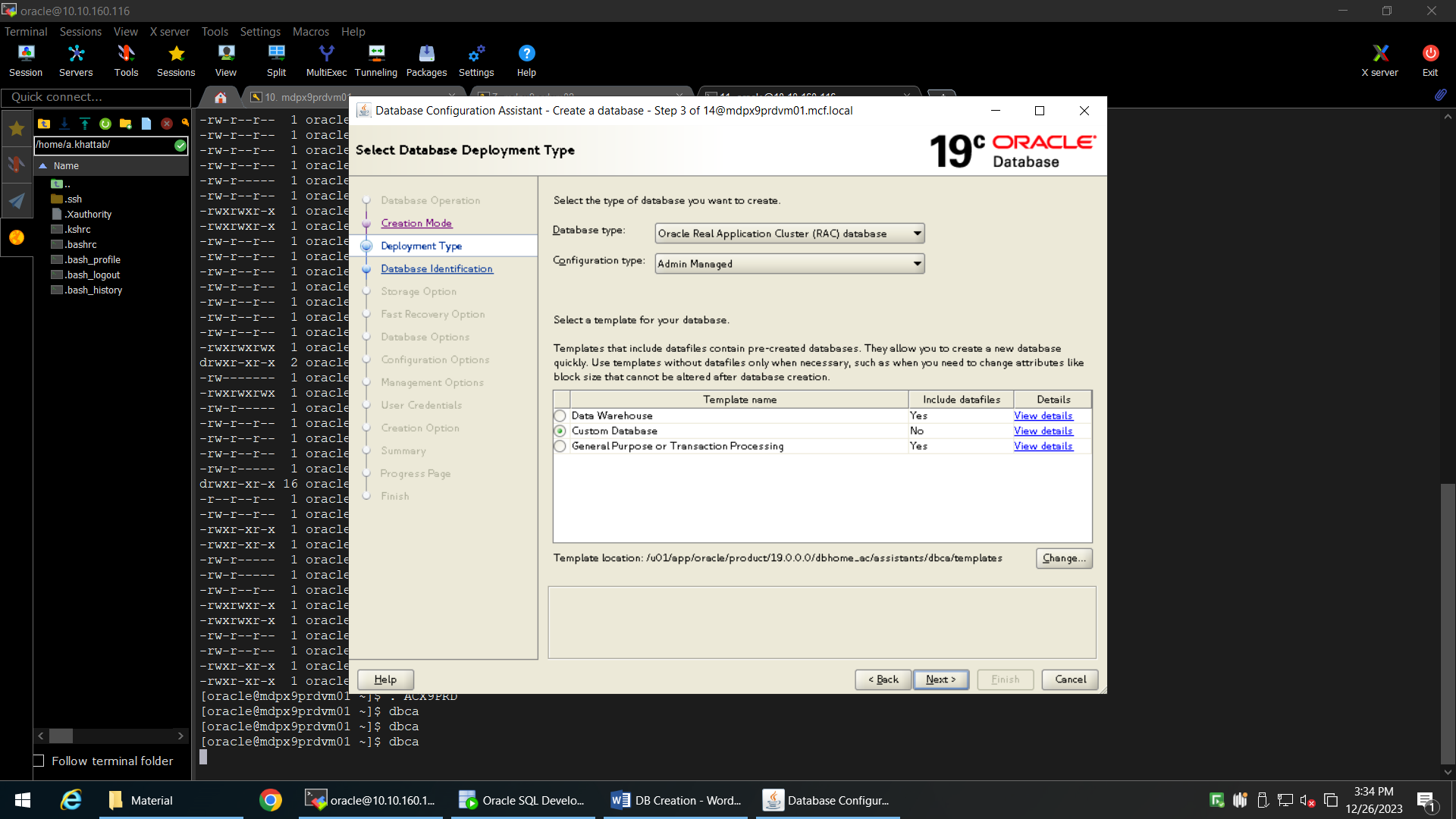
2# Login as “oracle” to any VM:

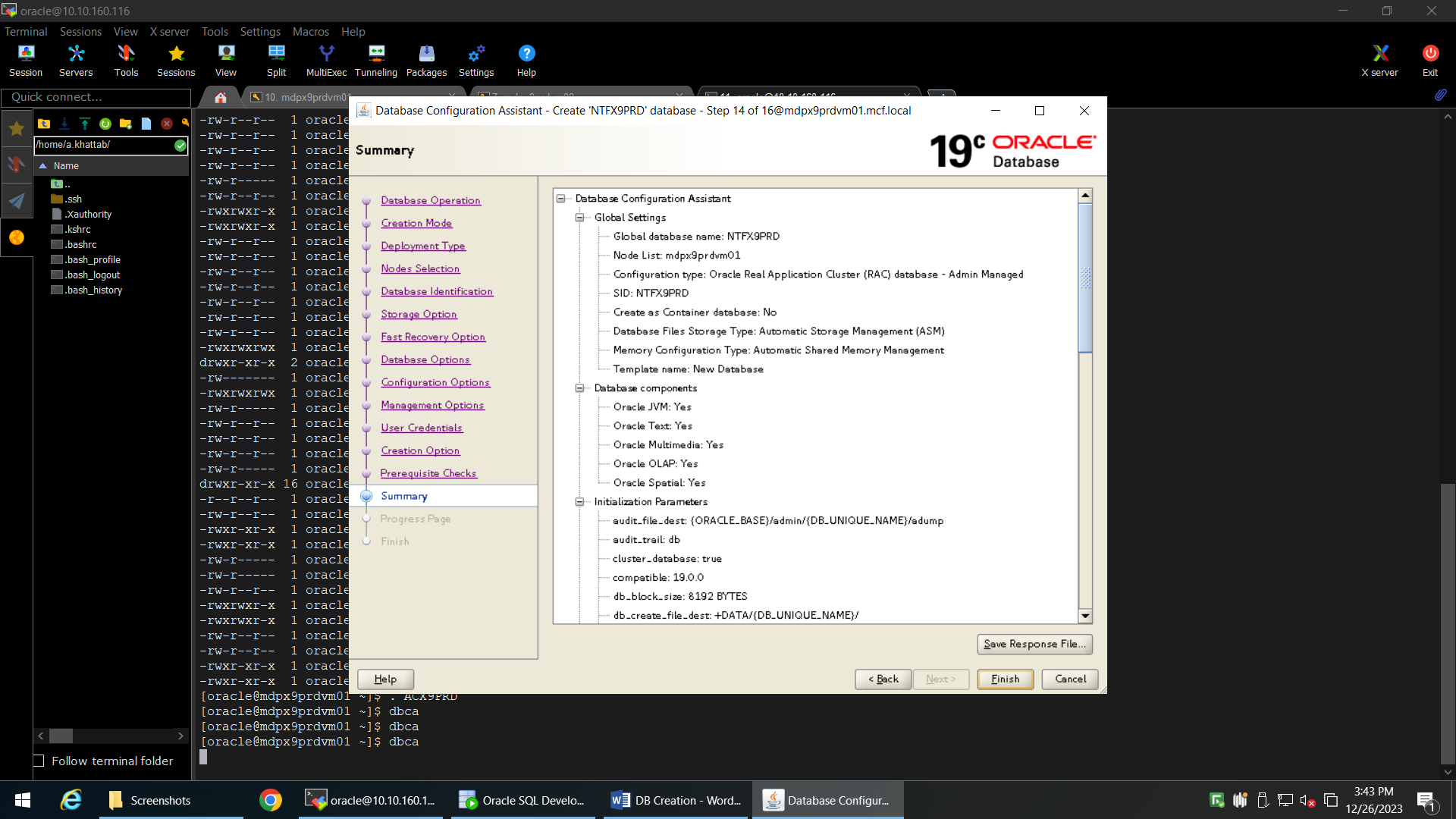
ssh [oracle@10.10.160.116](mailto:oracle@10.10.160.116)

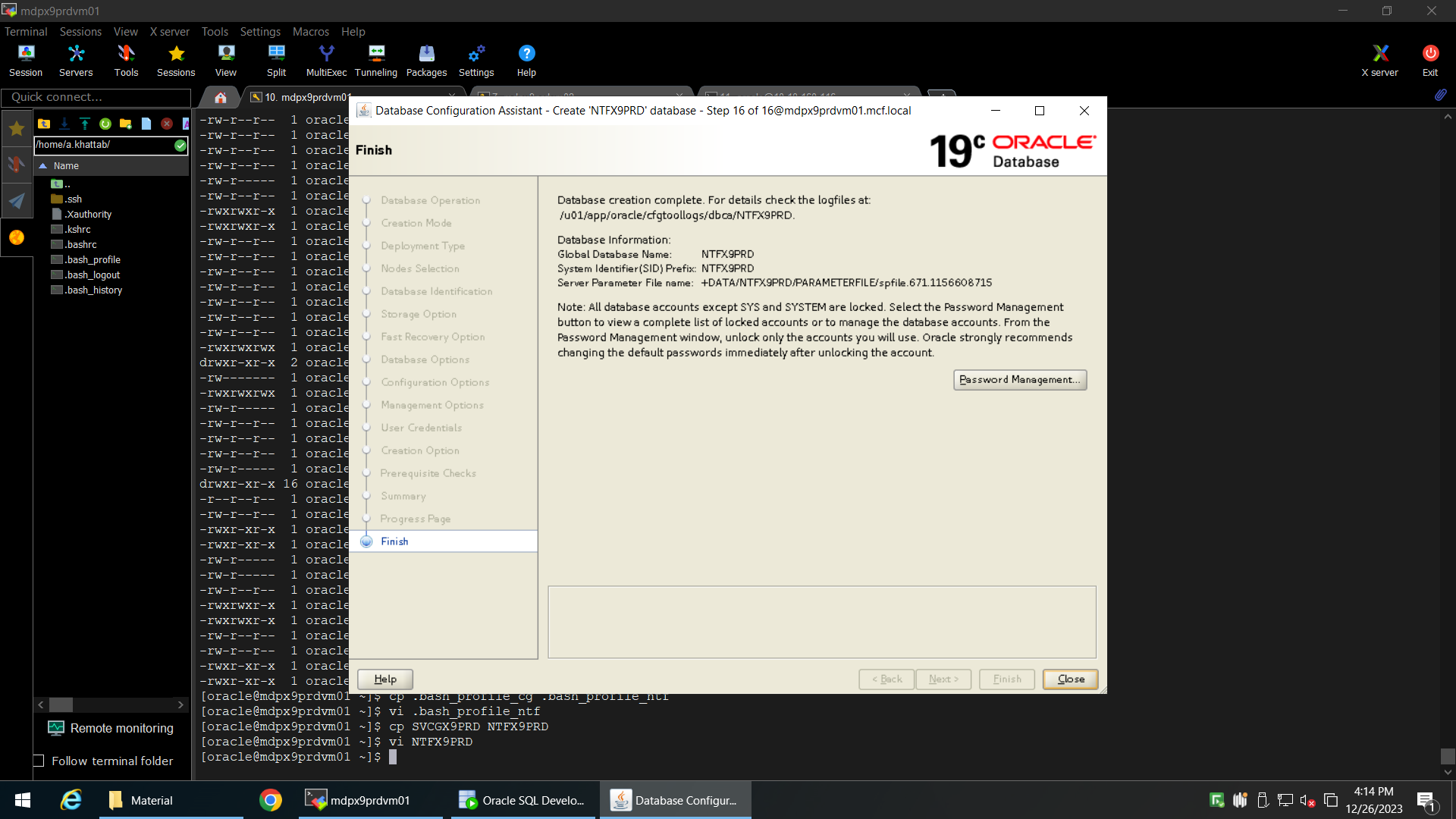
3# Run any bash profile from /home/oracle :

oracle# . ACX9PRD

oracle# dbca  
  








4# Create bash profile for the new DB:

oracle# cp .bash\_profile\_cg .bash\_profile\_ntf  
oracle# vi .bash\_profile\_ntf  
- change ‘ORACLE\_SID’ to the new one ‘NTFX9PRD1’ or ‘NTFX9PRD2’ if you are on node 2.  
- make sure the ‘ORACLE\_HOME’ is right

oracle# cp SVCGX9PRD NTFX9PRD  
oracle# vi NTFX9PRD  
- change the bash profile name to the new one ‘. .bash\_profile\_ntf’

5# Run bash profile

oracle# . NTFX9PRD  
oracle# echo $ORACLE\_SID

6# Check the database configuration:

oracle# srvctl config database –d NTFX9PRD

- make sure that the database instance name is the same as $ORACLE\_SID

7# Connect to DB  
oracle# sqlplus / as sysdba

8# Create instance for node 2:

oracle# srvctl add instance -d NTFX9PRD -i NTFX9PRD2 -n mdpx9prdvm02

9# Create bash profile on node 2 “repeat steps 4,5,6,7”

10# To start the DB you need to modify parameter ‘instance\_number’ on the spfile:  
oracle# sqlplus / as sysdba  
SQL> create pfile ='/u01/app/oracle/product/19.0.0.0/dbhome\_ac/dbs/initNTFX9PRD2.ora' from spfile='+DATA/NTFX9PRD/PARAMETERFILE/spfile.671.1156608715';  
SQL> !vi /u01/app/oracle/product/19.0.0.0/dbhome\_ac/dbs/initNTFX9PRD2.ora

- Add the following parameters:  
NTFX9PRD2.instance\_number=2  
NTFX9PRD2.thread=2

NTFX9PRD1.undo\_tablespace='UNDOTBS1'

NTFX9PRD2.undo\_tablespace='UNDOTBS2'

- Change the first parameters instance from ‘NTFX9PRD1’ to ‘\*’  
- Save the file and create new spfile:  
SQL> create spfile='+DATA/NTFX9PRD/PARAMETERFILE/spfile.671.1156608715.ora' from pfile ='/u01/app/oracle/product/19.0.0.0/dbhome\_ac/dbs/initNTFX9PRD2.ora';

SQL> !cp /u01/app/oracle/product/19.0.0.0/dbhome\_ac/dbs/initNTFX9PRD2.ora /u01/app/oracle/product/19.0.0.0/dbhome\_ac/dbs/initNTFX9PRD2.ora\_bkp

SQL> !vi /u01/app/oracle/product/19.0.0.0/dbhome\_ac/dbs/initNTFX9PRD2.ora

- Remove the content of the file and add the path of spfile:  
spfile=’+DATA/NTFX9PRD/PARAMETERFILE/spfile.671.1156608715.ora’

SQL> startup

SQL> show parameter spfile