oracle database 19c   on   centos7.6+

Three ways to deploy oracle 19C: graphic interface，slient，rpm.

I will do it   by   rpm   way!

The graphical interface is so dumbest. but   youtuber   AhmedBaraka   by   virsualbox
Successfully deployed：
https://www.youtube.com/watch?v=DFbOmxoWrQ8&ab_channel=AhmedBaraka

Download   the   next   file ,and   use   winsck   send the   file   to   centos7.

1	url	Filename	arch
2	http://yum.oracle.com/repo/OracleLinux/OL7/latest/x86_64/	oracle-database-preinstall-19c-1.0-1.el7.x86_64.rpm	linux
3	https://www.oracle.com/database/technologies/oracle-database-software-downloads.html#19c	Linux x86-64	linux
4	https://www.oracle.com/database/technologies/instant-client/winx64-64-downloads.html	instantclient-basic-windows.x64-19.11.0.0.0dbru.zip	Win10
5	https://www.allroundautomations.com/products/pl-sql-developer/free-trial/	PL/SQL Developer Evaluation Version 14.0.6 64-bit	Win10

you will perform the following:

a. Make the machine IP address static

b. Configure Putty/xshell/termius   to connect to   centos7

c. use   .rpm   isntall oracle   database   and   configure oracle

d.   set   the database to automatically start up.

e. verify that the database has automatically started   and   Available

ps：Pre-requisites already been taken care like memory, swap, a,b ···etc

1. login as root

yum localinstall   oracle-database-preinstall-19c-1.0-1.el7.x86_64.rpm   -y
yum localinstall   oracle-database-ee-19c-1.0-1.x86_64.rpm

2. Edit the   /etc/init.d/oracledb_ORCLCDB-19c   file
vi   /etc/init.d/oracledb_ORCLCDB-19c

export ORACLE_VERSION=19c
export ORACLE_SID=ORCLCDB   # instance name , you can   change it or   not
export TEMPLATE_NAME=General_Purpose.dbc
export CHARSET=ZHS16GBK   #   character set ,you   should   chang it   like this
export PDB_NAME=ORCLPDB1

3. option

 if 2   you change the   ORACLE_SID   like   ORACLE_SID=orcl,you should   do it   :

cd /etc/sysconfig/

cp oracledb_ORCLCDB-19c.conf   oracledb_orcl-19c.conf

4.   /etc/init.d/oracledb_ORCLCDB-19c configure

ps： wait   a   few   min .

5.
passwd oracle

sqlplus / as sysdba

alter   user   sys   identified   by   123456;

alter user   sys   account   unlock;

shutdown immediately;
startup

exit

lsnrctl status
lsnrctl   stop
lsnrctl   start

6.   Edit the   /etc/profile.d/oracle19c.sh   file,Increase environment variables
vim /etc/profile.d/oracle19c.sh

export   ORACLE_HOME=/opt/oracle/product/19c/dbhome_1
export   PATH=$PATH:/opt/oracle/product/19c/dbhome_1/bin
export   ORACLE_SID=ORCLCDB

7.   win10   verify that the database has automatically started   and   Available

download   the file :
/opt/oracle/product/19c/dbhome_1/network/admin/tnsnames.ora

unzip   instantclientxxx.zip   -d   D:oracleinstallclent

then: make   dir   network   netx   make the dir   admin ,put the   file
tnsnames.ora   into it

edit   tnsnames.ora

localhost   change to   yourcentos7 ip

8.   verify that the database   Available

1) first ,Click the cancel button

pl sql developer ->configure->preferences

oracle   home: D:oracleinstallclent
oci   library:D:oracleinstallclent\oci.dll

2) then,close the   page

3) open   the   pl sql developer

username: sys
password:　your passwd
database:　your ORACLE sid
conncect as :sysdba
4)
then,file->new->sql　windows - 》　select ＊　from　v$database;　select ＊　from
user_tables; ->F8
5) reboot
6)　do　3) then　exec :
 select ＊　from　v$database;　select ＊　from　user_tables; ->F8

 if you get some data ,Congratulations!