Download and Unzip File

linux.x64\_11gR2\_database\_1of2.zip

linux.x64\_11gR2\_database\_2of2.zip

note {open 2 file to marge stage file in database}

Create a Groups and User

Create a Group

sudo groupadd oinstall

sudo groupadd dba

heare oinstall and dba or groups

Create a User

sudo mkdir -p /u01/app/oracle

sudo adduser oracle

sudo passwd oracle

sudo usermod –G dba,oinstall oracle

sudo chown -R oracle:oinstall /u01/

sudo chmod -R 775 /u01/

Add in /etc/hosts file

sudo vi /etc/hosts

192.168.1.123 mohan mohan

save the file

Add in .bashrc file

su oracle

sudo vi .bashrc

TMP=/tmp; export TMP

TMPDIR=$TMP; export=TMPDIR

ORACLE\_HOSTNAME=192.168.1.150; export ORACLE\_HOSTNAME

ORACLE\_UNQNAME=CCDB; export ORACLE\_UNQNAME

ORACLE\_BASE=/u01/app/oracle; export ORACLE\_BASE

ORACLE\_HOME=$ORACLE\_BASE/product/11.2.0/dbhome\_1; export ORACLE\_HOME

ORACLE\_SID=CCDB; export ORACLE\_SID

PATH=/usr/sbin:$PATH; export PATH

PATH=$ORACLE\_HOME/bin:$PATH; export PATH

LD\_LIBRARY\_PATH=$ORACLE\_HOME/lib:/lib:/usr/lib; export LD\_LIBRARY\_PATH

CLASSPATH=$ORACLE\_HOME/jlib:ORACLE\_HOME/rdbms/jlib; export CLASSPATH

save the file

Add in sysctl.conf file

sudo vi /etc/sysctl.conf file

fs.suid\_dumpable = 1

fs.aio-max-nr = 1048576

fs.file-max = 6815744

kernel.shmall = 2097152

kernel.shmmax = 536870912

kernel.shmmni = 4096

# semaphores: semmsl, semmns, semopm, semmni

kernel.sem = 250 32000 100 128

net.ipv4.ip\_local\_port\_range = 9000 65500

net.core.rmem\_default=4194304

net.core.rmem\_max=4194304

net.core.wmem\_default=262144

net.core.wmem\_max=1048584

note => [ sudo /sbin/sysctl -p check commands ]

save the file

### Add in /etc/profile

Sudo vi /etc/profile

TMP=/tmp; export TMP

TMPDIR=$TMP; export=TMPDIR

ORACLE\_HOSTNAME=192.168.1.150; export ORACLE\_HOSTNAME

ORACLE\_UNQNAME=CCDB; export ORACLE\_UNQNAME

ORACLE\_BASE=/u01/app/oracle; export ORACLE\_BASE

ORACLE\_HOME=$ORACLE\_BASE/product/11.2.0/dbhome\_1; export ORACLE\_HOME

ORACLE\_SID=CCDB; export ORACLE\_SID

PATH=/usr/sbin:$PATH; export PATH

PATH=$ORACLE\_HOME/bin:$PATH; export PATH

LD\_LIBRARY\_PATH=$ORACLE\_HOME/lib:/lib:/usr/lib; export LD\_LIBRARY\_PATH

CLASSPATH=$ORACLE\_HOME/jlib:ORACLE\_HOME/rdbms/jlib; export CLASSPATH

save the file

### Create a New Fake Oracle installer

sudo mkdir /usr/lib64

sudo ln -s /etc /etc/rc.d

sudo ln -s /lib/x86\_64-linux-gnu/libgcc\_s.so.1 /lib64/

sudo ln -s /usr/bin/awk /bin/awk

sudo ln -s /usr/bin/basename /bin/basename

sudo ln -s /usr/bin/rpm /bin/rpm

sudo ln -s /usr/lib/x86\_64-linux-gnu/libc\_nonshared.a /usr/lib64/

sudo ln -s /usr/lib/x86\_64-linux-gnu/libpthread\_nonshared.a /usr/lib64/

sudo ln -s /usr/lib/x86\_64-linux-gnu/libstdc++.so.6 /lib64/

sudo ln -s /usr/lib/x86\_64-linux-gnu/libstdc++.so.6 /usr/lib64/

Add in / limits.conf File

sudo vi /etc/security/limits.conf

#### oracle User Settings 4 Oracle 11g ####

oracle soft nproc 2047

oracle hard nproc 16384

oracle soft nofile 1024

oracle hard nofile 65536

oracle soft stack 10240

# End of file

save the file

Install Prerequisite Packages

sudo apt-get update

sudo apt-get install alien

sudo apt-get install autoconf

sudo apt-get install automake

sudo apt-get install autotools-dev

sudo apt-get install binutils

sudo apt-get install bzip2

sudo apt-get install doxygen

sudo apt-get install elfutils

sudo apt-get install expat

sudo apt-get install gawk

sudo apt-get install gcc

sudo apt-get install gcc-multilib

sudo apt-get install g++-multilib

sudo apt-get install ia32-libs

sudo apt-get install ksh

sudo apt-get install less

sudo apt-get install lesstif2

sudo apt-get install lesstif2-dev

sudo apt-get install lib32z1

sudo apt-get install libaio1

sudo apt-get install libaio-dev

sudo apt-get install libc6-dev

sudo apt-get install libc6-dev-i386

sudo apt-get install libc6-i386

sudo apt-get install libelf-dev

sudo apt-get install libltdl-dev

sudo apt-get install libmotif4

sudo apt-get install libodbcinstq4-1 libodbcinstq4-1:i386

sudo apt-get install libpth-dev

sudo apt-get install libpthread-stubs0

sudo apt-get install libpthread-stubs0-dev

sudo apt-get install libstdc++5

sudo apt-get install lsb-cxx

sudo apt-get install make

sudo apt-get install openssh-server

sudo apt-get install pdksh

sudo apt-get install rlwrap

sudo apt-get install rpm

sudo apt-get install sysstat

sudo apt-get install unixodbc

sudo apt-get install unixodbc-dev

sudo apt-get install unzip

sudo apt-get install x11-utils

sudo apt-get install zlibc

Copy the database

sudo cp -r database /u01/app/oracle/

Permissions Provide for Oracle user oinstall group Directory

sudo chown -R oracle:oinstall /u01/app/oracle/database/

Other Permissions ,database not open use this Commands

sudo chmod -R 775 /u01/

Oracle Install for Oracle user Commands

cd /u01/app/oracle/database/

export DISPLAY=:0

./runInstaller

Note

* 1. Select Server class
  2. Global DB name & SID use same name Eg: oracle
  3. Memory size 800
  4. Character set Use\_Unicode
  5. Click sample schemas

Face error during installation so update as

sudo export ORACLE\_HOME=/u01/app/oracle/product/11.2.0/dbhome\_1

cd $ORACLE\_HOME/lib

ln -s libclient11.a libagtsh.a

$ORACLE\_HOME/bin/genagtsh $ORACLE\_HOME/lib/libagtsh.so 1.0

sudo sed -i 's/^\(\s\*\$(MK\_EMAGENT\_NMECTL)\)\s\*$/\1 -lnnz11/g' $ORACLE\_HOME/sysman/lib/ins\_emagent.mk

sudo sed -i 's/^\(\$LD \$LD\_RUNTIME\) \(\$LD\_OPT\)/\1 -Wl,--no-as-needed \2/g' $ORACLE\_HOME/bin/genorasdksh

sudo sed -i 's/^\(\s\*\)\(\$(OCRLIBS\_DEFAULT)\)/\1 -Wl,--no-as-needed \2/g' $ORACLE\_HOME/srvm/lib/ins\_srvm.mk

sudo sed -i 's/^\(TNSLSNR\_LINKLINE.\*\$(TNSLSNR\_OFILES)\) \(\$(LINKTTLIBS)\)/\1 -Wl,--no-as-needed \2/g' $ORACLE\_HOME/network/lib/env\_network.mk

sudo sed -i 's/^\(ORACLE\_LINKLINE.\*\$(ORACLE\_LINKER)\) \(\$(PL\_FLAGS)\)/\1 -Wl,--no-as-needed \2/g' $ORACLE\_HOME/rdbms/lib/env\_rdbms.mk

The install process will finally ask you to execute scripts as root user

sudo /u01/app/oracle/oraInventory/orainstRoot.sh

{or}

sudo /u01/app/oracle/product/11.2.0/dbhome\_1/root.sh

Confirm with installation progress

To select URL https://192.168.1.123/em

https://192.168.1.155:1158/em

User Name: SYS

Password: my-pwd

Connect As: SYSDBA

login

### Starting up the database

Once your server have been restarted, your database may not start.

sudo gedit /etc/oratab

And replace N by Y

:/u01/app/oracle/product/11.2.0/dbhome\_1:Y