**Downloads Install Oracle 19c**

https://www.oracle.com/br/virtualization/virtualbox/

https://edelivery.oracle.com

<https://www.oracle.com/database/technologies/oracle19c-linux-downloads.html>

http://public-yum.oracle.com/repo/OracleLinux/OL7/latest/x86\_64/

**### SE RODAR A INSTALACAO MÍNIMA, INSTALAR PACOTES**

yum install –y bc

yum install –y binutils

yum install -y compat-libcap1

yum install -y compat-libstdc++-33

yum install -y dtrace-modules

yum install -y dtrace-modules-headers

yum install -y dtrace-modules-provider-headers

yum install -y dtrace-utils

yum install -y elfutils-libelf

yum install -y elfutils-libelf-devel

yum install -y fontconfig-devel

yum install -y glibc

um install -y glibc-devel

yum install -y ksh

yum install -y libaio

yum install -y libaio-devel

yum install -y libdtrace-ctf-devel

yum install -y libXrender

yum install -y libXrender-devel

yum install -y libX11

yum install -y libXau

yum install -y libXi

yum install -y libXtst

yum install -y libgcc

yum install -y librdmacm-devel

yum install -y libstdc++

yum install -y libstdc++-devel

yum install -y libxcb

yum install -y make

yum install -y net-tools # Clusterware

yum install -y nfs-utils # ACFS

yum install -y python # ACFS

yum install -y python-configshell # ACFS

yum install -y python-rtslib # ACFS

yum install -y python-six # ACFS

yum install -y targetcli # ACFS

yum install -y smartmontools

yum install -y sysstat

yum install -y Xorg-x11-apps

yum install -y chrony

yum install -y tmux

yum install -y xorg-x11-server-utils

yum install -y vnc-server

yum install -y xsetroot

yum install -y xterm

yum install -y twm

yum install -y tigervnc-server.x86\_64

yum install -y libXfont

yum install -y xorg-x11-apps

yum install -y samba

yum install -y samba-client

yum install -y samba-common

yum install -y cifs-utils

yum install oracleasm-support

yum install kmod-oracleasm

yum install -y unixODBC

yum install ksh

yum install libaio-devel.x86\_64

**### GRUPO PARA INSTALACAO DO GRID ###**

Su -

groupadd asmadmin

groupadd oinstall

groupadd asmdba

groupadd dba

groupadd oper

usermod -g oinstall oracle

usermod -a -G asmdba oracle

useradd -u 54323 -g oinstall -G asmadmin,asmdba grid

passwd grid

useradd -u 54321 -g oinstall -G dba,oper oracle

passwd oracle

**###PACOTE INSTALACAO PRE INSTALL ORACLE 19C**

**### SE FOR GRID NÃO RODAR PRE-INSTALL – CRIAR O GRUPO NA MANUAL**

yum install oracle-database-preinstall-19c vnc-server xsetroot xterm twm tigervnc-server.x86\_64 libXfont xorg-x11-apps samba samba-client samba-commonvi /etc/hosts

vi /etc/selinux/config

setenforce 0

systemctl stop firewalld

systemctl disable firewalld

systemctl stop iptables

systemctl disable packagekit --now

**### CRIACAO DE DIRETORIOS PADRAO DBASOLUTION**

mkdir -p /u01/app/oracle/product/19.0.0/dbhome\_1

mkdir -p /u01/app/grid

mkdir -p /u01/app/19.0.0/grid/cv/rpm

chown -R grid:oinstall /u01

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

#chown -R oracle:oinstall /u01

mkdir –p /home/oracle/scripts

chmod -R 775 /u01

**### INSTALACAO BINÁRIOS ORACLE**

unzip "\*.zip"

./runInstaller

**### BASH\_PROFILE ORACLE**

# .bash\_profile

# Get the aliases and functions

if [ -f ~/.bashrc ]; then

. ~/.bashrc

fi

# User specific environment and startup programs

PATH=$PATH:$HOME/bin

export PATH

# ORACLE RAC19C e DATABASE 19c

TMP=/tmp

TMPDIR=$TMP

TEMP=$TMP

export ORACLE\_HOSTNAME=db-primario

export ORACLE\_SID=TOTVSRM

export ORACLE\_BASE=/u01/app/oracle

export ORACLE\_HOME=$ORACLE\_BASE/product/19.3.0/dbhome\_1

export LD\_LIBRARY\_PATH=$ORACLE\_HOME/lib

export ORACLE\_TERM=xterm

export PATH=$PATH:$ORACLE\_HOME/bin:$PATH:$GRID\_HOME/bin:/usr/bin:/sbin:/usr/sbin:$ORACLE\_HOME/OPatch

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

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

export SCRIPTS=/home/oracle/scripts

cd $SCRIPTS

echo ""

echo ""

echo "INSTANCIAS EM ATIVIDADES DO SERVIDOR DB-PRIMARIO"

echo "EXPORTAR A INSTANCIA DESEJADA PARA O SUPORTE DO BANCO DE DADOS"

echo "LEMBRANDO QUE EXISTE VARIAS INSTANCIAS NESTE SERVIDOR"

ps -ef | grep smon\_ | tr -s " " | rev | cut -d" " -f1 | cut -d"\_" -f1 | rev | sort

echo ""

echo ""

OU ESSE

# .bash\_profile

# OS User: oracle

# Application: Oracle Database Software Owner

# Version: Oracle 19c

# ---------------------------------------------------

# Get the aliases and functions

if [ -f ~/.bashrc ]; then

. ~/.bashrc

fi

export TEMP=/tmp

export TMPDIR=/tmp

# OS User: oracle # Application: Oracle Database Software Owner

# Version: Oracle 19c

# ---------------------------------------------------

# Get the aliases and functions

if [ -f ~/.bashrc ]; then

. ~/.bashrc

fi

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

ORACLE\_SID=oradb; export ORACLE\_SID

ORACLE\_HOME=$ORACLE\_BASE/product/19.0.0/dbhome\_1; export ORACLE\_HOME

NLS\_DATE\_FORMAT="DD-MON-YYYY HH24:MI:SS"; export NLS\_DATE\_FORMAT

TNS\_ADMIN=$ORACLE\_HOME/network/admin; export TNS\_ADMIN

PATH=$PATH:$HOME/.local/bin:$HOME/bin

PATH=${PATH}:/usr/bin:/bin:/usr/local/bin

PATH=.:${PATH}:$ORACLE\_HOME/bin

export PATH

LD\_LIBRARY\_PATH=$ORACLE\_HOME/lib

LD\_LIBRARY\_PATH=${LD\_LIBRARY\_PATH}:$ORACLE\_HOME/oracm/lib

LD\_LIBRARY\_PATH=${LD\_LIBRARY\_PATH}:/lib:/usr/lib:/usr/local/lib

export LD\_LIBRARY\_PATH

CLASSPATH=$ORACLE\_HOME/JRE

CLASSPATH=${CLASSPATH}:$ORACLE\_HOME/jlib

CLASSPATH=${CLASSPATH}:$ORACLE\_HOME/rdbms/jlib

CLASSPATH=${CLASSPATH}:$ORACLE\_HOME/network/jlib

export CLASSPATH

export TEMP=/tmp

export TMPDIR=/tmp

#umask 022

#

# Load profile window

#

clear

echo "Logon Time : "$(date)

echo " "

echo "xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx"

echo "# "

echo "# [ ORACLE DATABASE 19c ] "

echo "# "

echo "xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx"

echo "# "

echo "# HOSTNAME : $HOSTNAME"

echo "# USERNAME : $USER"

echo "# "

echo "# "

echo "# ORACLE\_SID : $ORACLE\_SID"

echo "# ORACLE\_BASE : $ORACLE\_BASE"

echo "# ORACLE\_HOME : $ORACLE\_HOME"

echo "# "

echo "xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx"

echo " "

export SCRIPTS=/home/oracle/scripts

cd $SCRIPTS

**### FAZER COPIA DO BASH\_PROFILE DO GRID ###**

su - grid

mv ~/.bash\_profile ~/.bash\_profile\_bkp

vi ~/.bash\_profile

**### BASH\_PROFILE USUARIO GRID ###**

# .bash\_profile

# Get the aliases and functions

if [ -f ~/.bashrc ]; then

. ~/.bashrc

fi

ORACLE\_SID=+ASM; export ORACLE\_SID

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

ORACLE\_HOME=/u01/app/19.0.0/grid; export ORACLE\_HOME

ORACLE\_TERM=xterm; export ORACLE\_TERM

TNS\_ADMIN=$ORACLE\_HOME/network/admin; export TNS\_ADMIN

PATH=.:${JAVA\_HOME}/bin:${PATH}:$HOME/bin:$ORACLE\_HOME/bin

PATH=${PATH}:/usr/bin:/bin:/usr/local/bin

export PATH

export TEMP=/tmp

export TMPDIR=/tmp

**### VERIFICACAO DE LOCAL DOS DISCOS ###**

ls –l /dev/sd?

**### CONFIGURAR O ORACLEASM COM USUARIO ROOT ###**

oracleasm configure –i

digitar: grid

oinstall

y

y

**### CARREGAR O MODULO DO ORACLEASM KERNEL ###**

/usr/sbin/oracleasm init

**### LISTAR DISCOS DISPONÍVEIS ###**

fdisk -l | grep "Disk /dev/sd"

**### CRIAR PARTICAO DISCOS ###**

fdisk /dev/sdb

**### FORMATAR DISCOS PARA O USO NO ASM ###**

Mkfs.ext4 /dev/sdb1

**### CRIAR DISCOS ASM ###**

oracleasm createdisk DATADISK1 /dev/sdb1

oracleasm createdisk DATADISK2 /dev/sdd1

oracleasm createdisk DATADISK3 /dev/sde1

oracleasm createdisk RECODISK1 /dev/sdc1

oracleasm createdisk RECODISK2 /dev/sdg1

oracleasm createdisk RECODISK3 /dev/sdh1

oracleasm listdisks

**### EXTRAIR O ARQUIVO ###**

su - grid unzip LINUX.X64\_193000\_grid\_home.zip -d $GRID\_HOME

**### INSTALAR CVUQDISK ###**

Su –

cd /u01/app/19.0.0/grid

CVUQDISK\_GRP=oinstall; export CVUQDISK\_GRP

rpm -iv cvuqdisk-1.0.10-1.rpm

**### INSTALAR O GRID INFRASTRUCTURE RODAR COM USUÁRIO GRID ####**

**cd $GRID\_HOME**

**./gridSetup.sh**

**### CASO CRS-2674 FAILED ERROR AO INICIALIZAR O SERVICO NA INSTALACAO ###**

**### RODAR COM USUÁRIO GRID ###**

**### SE DER ERRO AUTOMATIC STORAGE MANAGEMENT FAILED COM ############### MEMORY\_TARGET**

**### RODE O COMANDO MOUNT AUMENTANDO A MEMORIA TEMPORARIA**

mount -t tmpfs shmfs -o size=2g /dev/shm

**### ADICIONE A LINHA NO FSTAB**

tmpfs                   /dev/shm                tmpfs   size=2g        0 0

/u01/app/19.0.0/grid/oui/bin/runInstaller -silent -ignoreSysPrereqs -updateNodeList ORACLE\_HOME=/u01/app/19.0.0/grid “CLUSTER\_NODES={db-primario}” CRS =true

**### CRIAR OS DISCOS COM ASMCA ###**

**### Utilizar o asmca**

**### LOCALIZAR DISCOS ASM ###**

/dev/oracleasm/disks/\*

**###INICIAR INSTALACAO DO ORACLE DATABASE COM USUÁRIO ORACLE**

**### INSTALAR SOMENTE SOFTWARE**

Cd $ORACLE\_HOME

./runInstaller.sh

**### APÓS INSTALADO O SOFTWARE RODAR COM USUARIO ORACLE###**

Dbca

**### SE FOR INSTALACAO COM ASM SELECIONAR AUTOMATIC STORAGE MANAGEMENT SE FOR SINGLE INSTANCE, SELECIONAR FILE SYSTEM ###**

**### SE OS DISCOS DO ASM NÃO APARECER, RODAR O SEGUINTE COMANDO.**

usermod -g oinstall -G oinstall,dba,asmdba oracle