

# Centos7 oracle 12c



## 1. 安装 依赖

```
$> yum install binutils compat-libcap1 compat-libstdc++-33 compat-libstdc++-33.i686 gcc gcc-c++  
glibc glibc.i686 glibc-devel glibc-devel.i686 ksh libgcc -y  
$> yum install libgcc.i686 libstdc++ libstdc++.i686 libstdc++-devel libstdc++-devel.i686 libaio  
libaio.i686 libaio-devel libaio-devel.i686 libXext libXext.i686 -y  
$> yum install libXtst libXtst.i686 libX11 libX11.i686 libXau libXau.i686 libxcb libxcb.i686 libXi  
libXi.i686 unixODBC unixODBC-devel -y
```

## 2. 配置 内核

```
$> echo "fs.file-max = 6815744  
kernel.sem = 250 32000 100 128  
kernel.shmmni = 4096  
kernel.shmall = 1073741824  
kernel.shmmax = 4398046511104  
net.core.rmem_default = 262144  
net.core.rmem_max = 4194304  
net.core.wmem_default = 262144  
net.core.wmem_max = 1048576  
fs.aio-max-nr = 1048576  
net.ipv4.ip_local_port_range = 9000 65500" >> /etc/sysctl.conf  
$> sysctl -p
```

## 3. 配置 安全

```
$> echo "oracle soft nfile 1024  
oracle hard nfile 65536  
oracle soft nproc 16384  
oracle hard nproc 16384  
oracle soft stack 10240  
oracle hard stack 32768" >> /etc/security/limits.conf
```

```

$> groupadd -g 54321 oinstall
$> groupadd -g 54322 dba
$> groupadd -g 54323 oper
$> useradd -u 54321 -g oinstall -G dba,oper oracle
$> passwd oracle
{{  2  }}
$> mkdir -p /usr/local/oracle/product/12.1.0/db_1
$> mkdir /usr/local/oraInventory
$> chown -R oracle:oinstall /usr/local/oracle
$> chown oracle.oinstall /usr/local/oraInventory
$> chmod -R 775 /usr/local/oracle

```

#### 4. 2 2

```

$> echo "
# Oracle Settings
export TMP=/tmp
export TMPDIR=\$TMP
export ORACLE_HOSTNAME=orcl.localdomain
export ORACLE_UNQNAME=orcl
export ORACLE_BASE=/usr/local/oracle
export ORACLE_HOME=\$ORACLE_BASE/product/12.1.0/db_1
export ORACLE_SID=orcl
export PATH=/usr/sbin:\$PATH
export PATH=\$ORACLE_HOME/bin:\$PATH
export LD_LIBRARY_PATH=\$ORACLE_HOME/lib:/lib:/usr/lib
export CLASSPATH=\$ORACLE_HOME/jlib:\$ORACLE_HOME/rdbms/jlib" >> /home/oracle/.bash_profile

```

#### 5. 2 2 DB2

```

$> echo "
source /etc/profile
su - oracle -c \"\$ORACLE_HOME/bin/lsnrctl start\"
su - oracle -c \"\$ORACLE_HOME/bin/dbstart\"
" >> /etc/rc.d/rc.local

```

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