

Centos7 oracle 12c



1. 安装依赖包

```
$> 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. 配置内核参数

```
$> 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oracle用户资源限制

```
$> echo "oracle    soft    nofile    1024  
oracle    hard    nofile    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
{{ 2000 20 }}
$> 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. 11g 11g 11g

```
$> echo "
# Oracle Settings
export TMP=/tmp
export TMPDIR=$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. 11g 11g 11g DB11g

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

