

# Centos에서 Oracle 10G 설치

## 1. 패키지 설치

```
$> yum -y groupinstall "Desktop" "X Window System" "GNOME Desktop Environment" "Desktop Platform Development" "Desktop Platform"
$> yum -y install glibc* libaio* compat-libstdc* compat-gcc* gcc* libXp* openmotif* compat-db* xorg-x11-deprecated-libs compat-lib*
$> yum install kde-i18n-Korean -y
$> yum install fonts-korean -y
```

### • Centos 6 64비트만

```
$> yum install -y xorg-x11-xauth.x86_64 xorg-x11-apps.x86_64
$> yum install -y libXp libXtst binutils compat-db compat-libstdc++-33 glibc glibc-devel glibc-headers gcc gcc-c++ libstdc++ cpp make libaio
ksh elfutils-libelf sysstat libaio libaio-devel setarch libXp.i686 libXtst-1.0.99.2-3.el6.i686 glibc-devel.i686 libgcc-4.4.4-13.el6.i686 compat-
libstdc++* compat-libf2c* compat-gcc* compat-libgcc* libXt.i686 libXtst.i686
$> yum install -y glibc-2.12-1.7.el6_0.5.i686
```

## 2. 커널 파라미터 설정

```
$> echo "kernel.shmmax = 536870912
kernel.shmmni = 4096
kernel.sem = 250 32000 100 128
net.ipv4.ip_local_port_range = 1024 65000
net.core.rmem_default=262144
net.core.rmem_max=262144
net.core.wmem_default=262144
net.core.wmem_max=262144" >> /etc/sysctl.conf
$> sysctl -p
```

## 3. 계정설정

```
$> echo "#Oracle setting
*      soft  nproc  2047
*      hard  nproc  16384
*      soft  nofile 1024
*      hard  nofile 65536" >> /etc/security/limits.conf
$> echo "session required pam_limits.so" >> /etc/pam.d/login
$> groupadd oinstall
$> useradd -g oinstall oracle
$> passwd oracle
{{ 패스워드 입력 두번 }}
$> mkdir /usr/local/oracle
$> chown oracle.oinstall /usr/local/oracle
```

## 4. 설치시 OS정보 변경 수행

```
$> mv /etc/redhat-release /etc/redhat-release_ori
$> echo "redhat-4" > /etc/redhat-release
```

## 5. 시스템 설정 적용

```
$> echo "
# Oracle Settings
TMP=/tmp; export TMP
TMPDIR=$TMP; export TMPDIR
ORACLE_BASE=/usr/local/oracle; export ORACLE_BASE
ORACLE_HOME=$ORACLE_BASE/product/10.2.0/db_1; export ORACLE_HOME
ORACLE_SID=orcl; export ORACLE_SID
ORACLE_TERM=xterm; export ORACLE_TERM
PATH=/usr/sbin:$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/JRE:$ORACLE_HOME/jlib:$ORACLE_HOME/rdbms/jlib; export CLASSPATH

if [ $USER = "oracle" ]; then
    if [ $SHELL = "/bin/ksh" ]; then
```

```
ulimit -p 16384
ulimit -n 65536
else
    ulimit -u 16384 -n 65536
fi
fi" >> /etc/profile
```

## 6. 시스템 기동시 Oracle 구동을 위한 적용

```
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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🕒Revision #1

★Created 6 June 2022 17:06:09 by artop0420

✎Updated 8 June 2022 03:58:51 by artop0420