# ORACLE 11g Linux静默安装手册

# ****一、环境准备****

注：以#前缀的命令全部由root用户执行。以$前缀的命令全部由oracle用户执行

### 1.依赖准备

# yum install make gcc binutils gcc-c++ compat-libstdc++ elfutils-libelf-devel elfutils-libelf-devel-static ksh libaio libaio-devel numactl-devel sysstat unixODBC unixODBC-devel pcre-devel glibc.i686

### 2.用户和组准备

#groupadd oinstall

#groupadd dba  
#useradd -g oinstall -G dba -d /home/oracle oracle  
#passwd oracle

### 3.安装目录准备及权限调整

#mkdir -p /home/data/oraserver/oracle/11.2.0   
#mkdir /home/data/oradata   
#mkdir /home/data/oradata\_back   
#mkdir /home/data/inventory  
#chown -R oracle:oinstall /home/data  
#chmod -R 775 /home/data

### 4.内核参数调整

#vim /etc/sysctl.conf             在文件最后增加

fs.aio-max-nr = 1048576

fs.file-max = 6553600

kernel.shmall = 2097152

kernel.shmmax = 2147483648

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 = 4194304

net.core.wmem\_default = 262144

net.core.wmem\_max = 1048586

#/sbin/sysctl -p //让参数生效

### 5.用户的限制文件修改

#vim /etc/security/limits.conf   在文件后增加

oracle soft nproc 2047

oracle hard nproc 16384

oracle soft nofile 1024

oracle hard nofile 65536

oracle soft stack 10240

#vim /etc/pam.d/login  在文件后增加

session required /lib64/security/pam\_limits.so

session required pam\_limits.so

#vim /etc/profile   在文件后增加

if [ $USER = "oracle" ]; then

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

ulimit -p 16384

ulimit -n 65536

else

ulimit -u 16384 -n 65536

fi

fi

# ****二、下载oracle安装软件****

#su - oracle

$wget <http://download.oracle.com/otn/linux/oracle11g/R2/linux.x64_11gR2_database_1of2.zip?AuthParam=1476774951_8c30a7b80e8f52a1a069e12be768624e>

$wget <http://download.oracle.com/otn/linux/oracle11g/R2/linux.x64_11gR2_database_2of2.zip?AuthParam=1476775325_f0e82f05663cea3b91efd1b80587d8a7>

注：上oracle官网。注册用户或者用自己的用户登录。获取下载的url。然后用wget下载

$mv linux.x64\_11gR2\_database\_1of2.zip?AuthParam=1476774951\_8c30a7b80e8f52a1a069e12be768624e  linux.x64\_11gR2\_database\_1of2.zip

$mv linux.x64\_11gR2\_database\_2of2.zip?AuthParam=1476775325\_f0e82f05663cea3b91efd1b80587d8a7    linux.x64\_11gR2\_database\_2of2.zip

$unzip  linux.x64\_11gR2\_database\_1of2.zip

$unzip  linux.x64\_11gR2\_database\_2of2.zip

# ****三 开始安装oracle****

### 1.修改db\_install应答文件

$cd /home/oracle/database/response  
$vim db\_install.rsp

oracle.install.responseFileVersion=/oracle/install/rspfmt\_dbinstall\_response\_schema\_v11\_2\_0

oracle.install.option=INSTALL\_DB\_SWONLY

ORACLE\_HOSTNAME=ser3-93.yooli-inc.net

UNIX\_GROUP\_NAME=oinstall

INVENTORY\_LOCATION=/home/data/inventory

SELECTED\_LANGUAGES=en,zh\_CN,zh\_TW

ORACLE\_HOME=/home/data/oraserver/oracle/11.2.0

ORACLE\_BASE=/home/data/oraserver

oracle.install.db.isCustomInstall=false

oracle.install.db.DBA\_GROUP=dba

oracle.install.db.OPER\_GROUP=oinstall

oracle.install.db.config.starterdb.globalDBName=orcl

oracle.install.db.config.starterdb.SID=orcl

oracle.install.db.config.starterdb.memoryOption=true

oracle.install.db.config.starterdb.memoryLimit=1024

oracle.install.db.config.starterdb.installExampleSchemas=false

oracle.install.db.config.starterdb.enableSecuritySettings=true

oracle.install.db.config.starterdb.password.ALL=oracle

oracle.install.db.config.starterdb.automatedBackup.enable=false

DECLINE\_SECURITY\_UPDATES=true

### 2.开始安装oracle

$cd /home/oracle/database  
$./runInstaller -silent -debug -force -responseFile /home/oracle/database/response/db\_install.rsp

### 3.安装监听

$netca /silent /responseFile /home/oracle/database/response/netca.rsp

### 4.修改dbca应答文件

$cd response  
$vim dbca.rsp

[CREATEDATABASE]

GDBNAME = "orcl.ser3-93"

SID = "orcl"

CHARACTERSET = "ZHS16GBK"

NATIONALCHARACTERSET= "AL16UTF16"

### 5.开始dbca建库

$dbca -silent -responseFile /home/oracle/database/response/dbca.rsp

# ****至此oracle数据库安装完成****