

【DBCA -SILENT】静默方式安装 11gR2 数据库软件单实例

BLOG 文档结构图

1.1.8.1 RHEL6.5 上静默安装 11gR2--单实例
一、安装前的准备工作
1、检查硬件
2、检查软件
3、修改 host 文件
4、安装软件包检查
5、内核参数--shell 限制
①、limits.conf
②、login
③、profile
④、sysctl.conf
⑤、关闭 selinux
6、关闭防火墙
7、新建用户和组
8、新建安装目录
9、新建/etc/oraInst.loc
10、设置环境变量
二、开始安装
1、准备 oracle 安装文件
2、执行静默安装
3、Dbca 静默方式建库
三、静默配置监听

相关文章链接：

DBCA 静默方式建库：<http://blog.itpub.net/26736162/viewspace-1448220/>

【DBCA -SILENT】静默安装如何启用归档模式：<http://blog.itpub.net/26736162/viewspace-1585925/>

【DBCA -SILENT】静默安装之 rac 数据库安装：<http://blog.itpub.net/26736162/viewspace-1586352/>

数据库：11.2.0.3
OS:RHEL6.5

最近一直在研究 oracle 的静默方式，觉得挺好的，免去了图形界面的方式，今天我们来看看单实例的 oracle 数据库软件的静默安装方式，rac 的数据库软件安装后边再补上吧。

一、安装前的准备工作

安装前的准备工作和图形界面的安装无异，都是配置。。。

1、检查硬件

注意这里的内存应该满足要求，不然可能引起数据库在安装过程中长时间的挂起等待。。。。在正式安装开始前，请先检查你的软硬件条件是否满足安装需要。

1. 查看系统物理内存,以下输出可以看出，有 2G 的内存，内存最低要求 1G

```
[root@rhel6 tmp]# grep MemTotal /proc/meminfo
```

```
MemTotal:      1914492 kB
```

2. 查看交换空间大小,以下输出可以看出，有 2G 的交换空间，交换空间的最优设置与你物理内存大小相关，详细说明请参考安装文档

```
[root@rhel6 tmp]# grep SwapTotal /proc/meminfo
```

```
SwapTotal:      1015800 kB
```

3.查看可用物理内存和交换空间

```
[root@rhel6 tmp]# free
```

	total	used	free	shared	buffers	cached
Mem:	1914492	1558568	355924	0	79604	1092996
-/+ buffers/cache:		385968	1528524			
Swap:	1015800	170592	845208			

4.查看挂载的临时分区空间情况

```
[root@rhel6 tmp]# df -h
Filesystem      Size  Used Avail Use% Mounted on
/dev/sda2        48G   29G   17G   63% /
tmpfs            935M  228K  935M   1% /dev/shm
/dev/sda1        291M   39M  238M  14% /boot
.host:/          331G  309G   22G   94% /mnt/hgfs
/dev/sr0         3.6G  3.6G    0 100% /media/RHEL_6.5_x86_64_Disc_1
[root@rhel6 tmp]#
```

2、检查软件

1.查看 Linux 版本

```
[root@rhel6 tmp]# cat /etc/issue
```

```
Red Hat Enterprise Linux Server release 6.5 (Santiago)
```

```
Kernel \r on an \m
```

2.查看内核版本

```
[root@rhel6 tmp]# uname -a
```

```
Linux rhel6.5 2.6.32-431.el6.x86_64 #1 SMP Sun Nov 10 22:19:54 EST 2013 x86_64 x86_64 x86_64 GNU/Linux
```

3、修改 host 文件

永久生效:

```
[root@rhel6 tmp]# more /etc/sysconfig/network
```

```
NETWORKING=yes
```

```
HOSTNAME=orcltest
```

```
[root@rhel6 tmp]#
```

查看/etc/hosts 文件中必须包含 a fully qualified name for the server

```
[root@rhel6 tmp]# cat /etc/hosts
```

```
127.0.0.1 localhost localhost.localdomain localhost4 localhost4.localdomain4
```

```
::1 localhost localhost.localdomain localhost6 localhost6.localdomain6
```

```
192.168.59.129 orcltest
```

```
[root@rhel6 tmp]#
```

4、安装软件包检查

可以统一检查:

```
rpm -q binutils \
compat-libstdc++-33 \
elfutils-libelf \
gcc \
gcc-c++ \
glibc \
glibc-common \
glibc-devel \
```

```
glibc-headers \  
ksh \  
libaio \  
libaio-devel \  
libgomp \  
libgcc \  
libstdc++ \  
libstdc++-devel \  
make \  
sysstat \  
unixODBC \  
unixODBC-devel \  
numactl-devel \  
elfutils-libelf-devel
```

我们可以看到没有安装过的包会已 is not installed 出现：

```
[root@rhel6_lhr ~]# rpm -q binutils \  
> compat-libstdc++-33 \  
> elfutils-libelf \  
> gcc \  
> gcc-c++ \  
> glibc \  
> glibc-common \  
> glibc-devel \  
> glibc-headers \  
> ksh \  
> libaio \  
> libaio-devel \  
> libgomp \  
> libgcc \  
> libstdc++ \  
> libstdc++-devel \  
> make \  
> sysstat \  
> unixODBC \  
> unixODBC-devel \  
> numactl-devel  
binutils-2.20.51.0.2-5.36.el6.x86_64  
compat-libstdc++-33-3.2.3-69.el6.x86_64  
compat-libstdc++-33-3.2.3-69.el6.i686  
elfutils-libelf-0.152-1.el6.x86_64  
gcc-4.4.7-4.el6.x86_64  
gcc-c++-4.4.7-4.el6.x86_64  
glibc-2.12-1.132.el6.x86_64  
glibc-common-2.12-1.132.el6.x86_64  
glibc-devel-2.12-1.132.el6.x86_64  
glibc-headers-2.12-1.132.el6.x86_64
```

```
package ksh is not installed
libaio-0.3.107-10.el6.x86_64
libaio-devel-0.3.107-10.el6.x86_64
libaio-devel-0.3.107-10.el6.i686
libgomp-4.4.7-4.el6.x86_64
libgcc-4.4.7-4.el6.x86_64
libstdc++-4.4.7-4.el6.x86_64
libstdc++-devel-4.4.7-4.el6.x86_64
libstdc++-devel-4.4.7-4.el6.i686
make-3.81-20.el6.x86_64
sysstat-9.0.4-22.el6.x86_64
unixODBC-2.2.14-12.el6_3.x86_64
unixODBC-2.2.14-12.el6_3.i686
unixODBC-devel-2.2.14-12.el6_3.i686
unixODBC-devel-2.2.14-12.el6_3.x86_64
package numactl-devel is not installed
[root@rhel6_lhr ~]#
```

如果部分包不存在
可以批量更新安装，但如果依赖关系缺失，可能需要多执行两遍
或者手工调整

5、 内核参数--shell 限制

①、 limits.conf

为了优化性能，需要添加 oracle 用户 3 个限制参数：

```
[root@localhost ~]# vi /etc/security/limits.conf
```

为 oracle 用户设置 Shell 限制，修改/etc/security/limits.conf，加入

```
[root@oracle ~]# vi /etc/security/limits.conf
oracle      soft    nproc    2047
oracle      hard    nproc    16384
oracle      soft    nofile   1024
oracle      hard    nofile   65536
```

②、 login

修改/etc/pam.d/login，加入

```
[root@oracle ~]# vim /etc/pam.d/login
session      required      pam_limits.so
```

③、 profile

```
[root@oracle ~]# vim /etc/profile
```

```
if [ "$USER" = "oracle" ]; then
```

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

```
ulimit -p 16384
```

```
ulimit -n 65536
```

```
else
```

```
ulimit -u 16384 -n 65536
```

```
fi
```

```
umask 022
```

```
fi
```

④、 sysctl.conf

Configuring Kernel Parameters for Linux

```
vim /etc/sysctl.conf
```

```
fs.aio-max-nr = 1048576
```

```
fs.file-max = 6815744
```

```
kernel.shmall = 4294967296
```

```
kernel.shmmax = 4294967295
```

```
kernel.shmmni = 4096
```

```
kernel.sem = 250 32000 100 128
```

```
net.ipv4.ip_local_port_range = 9000 65500
```

```
net.core.rmem_default = 262144
```

```
net.core.rmem_max = 4194304
```

```
net.core.wmem_default = 262144
```

```
net.core.wmem_max = 1048576
```

生效

```
# /sbin/sysctl -p
```

⑤、 关闭 selinux

```
vi /etc/selinux/config
```

```
SELINUX=disabled
```

6、关闭防火墙

关闭防火墙

```
chkconfig iptables off    ---永久
/etc/init.d/iptables status
```

7、新建用户和组

The Oracle Inventory group (oinstall) 数据库安装组

The OSDBA group (dba) 数据库管理员组

The Oracle software owner (oracle) 管理员用户

```
groupadd oinstall
groupadd dba
groupadd oper
useradd -g oinstall -G dba -m oracle
passwd oracle
```

```
[root@oracle ~]# groupadd oinstall
[root@oracle ~]# groupadd dba
[root@oracle ~]# useradd -g oinstall -G dba -m oracle
[root@oracle ~]# passwd oracle
```

-m 表示为用户 oracle 新建一个根目录

-g 表示为用户指定一个主 group

-G 表示为用户指定一个副 group

这样 oracle 既属于 oinstall 组也属于 dba 组。

平时主要是 oinstall 组发生作用。

8、新建安装目录

ROOT 执行：

```
mkdir -p /u02/app/oracle/product/11.2.0/dbhome_1
chown -R oracle:oinstall /u02
chmod -R 775 /u02
```

9、新建/etc/oraInst.loc

在/etc 目录下创建一个名为 oraInst.loc 的文件,文件中的内容(两行代码)如下：

```
inventory_loc=$ORACLE_BASE/oraInventory
inst_group= oinstall
```

```
[root@ORCLTEST ~]# vi /etc/oraInst.loc
inventory_loc=/u02/app/oracle/orainventory
inst_group= oinstall
```

4. 输入下面的命令在 oraInst.loc 文件上设置合适的拥有者，组和权限：

```
[root@ORCLTEST ~] chown oracle:oinstall /etc/oraInst.loc
[root@ORCLTEST ~] chmod 664 /etc/oraInst.loc
```

10、 设置环境变量

Vi ~/.bash_profile 增加如下内容：

```
export EDITOR=vi
export ORACLE_SID=orcltest
export ORACLE_BASE=/u02/app/oracle
export ORACLE_HOME=$ORACLE_BASE/product/11.2.0/dbhome_1
export LD_LIBRARY_PATH=$ORACLE_HOME/lib:/usr/lib:/usr/local/lib
export PATH=$ORACLE_HOME/bin:$PATH
export CLASSPATH=$ORACLE_HOME/JRE:$ORACLE_HOME/jlib:$ORACLE_HOME/rdbms/jlib:$ORACLE_HOME/network/jlib
```

```
umask 022
```

```
#export NLS_LANG="SIMPLIFIED CHINESE_CHINA.AL32UTF8"
export NLS_LANG=AMERICAN_AMERICA.ZHS16GBK
export SQLPATH=$ORACLE_HOME/sqlplus/admin
```

二、 开始安装

1、 准备 oracle 安装文件

解压oracle安装文件包

```
[oracle@rhel6 tmp]$ ll
total 2442088
```



```

drwxr-x---. 2 grid  oinstall      4096 Jan  6 00:10 hsperfdata_grid
drwxr-x---. 2 oracle oinstall      4096 Jan  6 00:36 hsperfdata_oracle
drwxr-xr-x. 2 root   root         4096 Jan  5 23:49 hsperfdata_root
drwx-----. 2 oracle oinstall      4096 Jan  5 22:08 keyring-5qr0Bb
drwx-----. 2 gdm    gdm          4096 Jan  5 22:08 orbit-gdm
drwx-----. 2 oracle oinstall      4096 Apr 21 09:26 orbit-oracle
-rwxr-xr-x. 1 oracle oinstall 1358454646 Apr 21 09:35 pl0404530_112030_Linux-x86-64_lof7.zip
-rwxr-xr-x. 1 oracle oinstall 1142195302 Apr 21 09:36 pl0404530_112030_Linux-x86-64_2of7.zip
drwx-----. 2 oracle oinstall      4096 Jan  5 22:08 pulse-LbDtLtLYhc9l
drwx-----. 2 root   root         4096 Apr  8 17:40 vmware-root-2083271499
[oracle@rhel6 tmp]$
[oracle@rhel6 tmp]$ unzip pl0404530_112030_Linux-x86-64_lof7.zip && unzip pl0404530_112030_Linux-x86-64_2of7.zip

. . . . .

```

2、执行静默安装

修改解压后的安装文件夹下 response 下面的 db_install.rsp 文件，将相关的参数设置为如下：

```

ORACLE_HOSTNAME=192.168.59.129
UNIX_GROUP_NAME=oinstall
INVENTORY_LOCATION=/u02/app/oracle/oraInventory
SELECTED_LANGUAGES=en,zh_CN
ORACLE_HOME=/u02/app/oracle/product/11.2.0/dbhome_1
ORACLE_BASE=/u02/app/oracle
oracle.install.db.InstallEdition=EE
oracle.install.db.EEOptionsSelection=false
oracle.install.db.DBA_GROUP=dba
oracle.install.db.OPER_GROUP=oper
oracle.install.db.isRACOneInstall=false
oracle.install.db.config.starterdb.type=GENERAL_PURPOSE
SECURITY_UPDATES_VIA_MYORACLESUPPORT=false
oracle.installer.autoupdates.option=SKIP_UPDATES

```

然后执行安装：

```

[oracle@ORCLTEST database]$ cd /tmp/database
[oracle@ORCLTEST database]$ ./runInstaller -silent -noconfig -responseFile /tmp/database/response/db_install.rsp -ignoreSysPrereqs -ignorePrereq
Starting Oracle Universal Installer...

```

```

Checking Temp space: must be greater than 120 MB.    Actual 20781 MB    Passed
Checking swap space: must be greater than 150 MB.    Actual 796 MB    Passed
Preparing to launch Oracle Universal Installer from /tmp/OraInstall2015-04-21_12-09-17PM. Please wait ... [oracle@ORCLTEST database]$ [WARNING] [INS-13014] Target
environment do not meet some optional requirements.
  CAUSE: Some of the optional prerequisites are not met. See logs for details. /u02/app/oracle/oraInventory/logs/installActions2015-04-21_12-09-17PM.log
  ACTION: Identify the list of failed prerequisite checks from the log: /u02/app/oracle/oraInventory/logs/installActions2015-04-21_12-09-17PM.log. Then either
from the log file or from installation manual find the appropriate configuration to meet the prerequisites and fix it manually.
You can find the log of this install session at:
/u02/app/oracle/oraInventory/logs/installActions2015-04-21_12-09-17PM.log
The installation of Oracle Database 11g was successful.
Please check '/u02/app/oracle/oraInventory/logs/silentInstall2015-04-21_12-09-17PM.log' for more details.

```

As a root user, execute the following script(s):

```
1. /u02/app/oracle/product/11.2.0/dbhome_1/root.sh
```

Successfully Setup Software.

```
[oracle@ORCLTEST database]$
```

安装时后台进程

```
[root@ORCLTEST dbhome_1]# ps -ef|grep install
oracle  45527      1 48 12:09 pts/5    00:00:46 /tmp/OraInstall2015-04-21_12-09-17PM/jdk/jre/bin/java
-Doracle.installer.library_loc=/tmp/OraInstall2015-04-21_12-09-17PM/oui/lib/linux64 -Doracle.installer.oui_loc=/tmp/OraInstall2015-04-21_12-09-17PM/oui
-Doracle.installer.bootstrap=TRUE -Doracle.installer.startup_location=/tmp/database/install
-Doracle.installer.jre_loc=/tmp/OraInstall2015-04-21_12-09-17PM/jdk/jre -Doracle.installer.nlsEnabled="TRUE" -Doracle.installer.prereqConfigLoc=
-Doracle.installer.unixVersion=2.6.32-431.el6.x86_64 -mx150m -cp
/tmp/OraInstall2015-04-21_12-09-17PM::/tmp/OraInstall2015-04-21_12-09-17PM/ext/jlib/prov_fixup.jar:/tmp/OraInstall2015-04-21_12-09-17PM/ext/jlib/log4j-core.
jar:/tmp/OraInstall2015-04-21_12-09-17PM/ext/jlib/instcommon.jar:/tmp/OraInstall2015-04-21_12-09-17PM/ext/jlib/instdb.jar:/tmp/OraInstall2015-04-21_12-09-1
7PM/ext/jlib/orail8n-utility.jar:/tmp/OraInstall2015-04-21_12-09-17PM/ext/jlib/emConfigInstall.jar:/tmp/OraInstall2015-04-21_12-09-17PM/ext/jlib/orail8n-ma
pping.jar:/tmp/OraInstall2015-04-21_12-09-17PM/ext/jlib/cvu.jar:/tmp/OraInstall2015-04-21_12-09-17PM/ext/jlib/remoteinterfaces.jar:/tmp/OraInstall2015-04-2
1_12-09-17PM/ext/jlib/OraPrereqChecks.jar:/tmp/OraInstall2015-04-21_12-09-17PM/ext/jlib/ojdbc5.jar:/tmp/OraInstall2015-04-21_12-09-17PM/ext/jlib/emagentSDK.
jar:/tmp/OraInstall2015-04-21_12-09-17PM/ext/jlib/installcommons_1.0.0b.jar:/tmp/OraInstall2015-04-21_12-09-17PM/ext/jlib/ssh.jar:/tmp/OraInstall2015-04-21
_12-09-17PM/ext/jlib/jsch.jar:/tmp/OraInstall2015-04-21_12-09-17PM/ext/jlib/OraPrereq.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/OraInstaller.jar:/t
mp/OraInstall2015-04-21_12-09-17PM/oui/jlib/oneclick.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/xmlparserv2.jar:/tmp/OraInstall2015-04-21_12-09-17PM
/oui/jlib/share.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/OraInstallerNet.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/emCfg.jar:/tmp/OraInsta
ll2015-04-21_12-09-17PM/oui/jlib/emocmutl.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/OraPrereq.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/jsc
h.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/ssh.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/remoteinterfaces.jar:/tmp/OraInstall2015-04-21_12
-09-17PM/oui/jlib/http_client.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/OraSuiteInstaller.jar:../stage/Components/oracle.swd.opatch/11.2.0.3.0/1/Da
taFiles/jlib/opatch.jar:../stage/Components/oracle.swd.opatch/11.2.0.3.0/1/DataFiles/jlib/opatchactions.jar:../stage/Components/oracle.swd.opatch/11.2.0.3.
0/1/DataFiles/jlib/opatchprereq.jar:../stage/Components/oracle.swd.opatch/11.2.0.3.0/1/DataFiles/jlib/opatchutil.jar:/tmp/OraInstall2015-04-21_12-09-17PM/o
ui/jlib/OraCheckPoint.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/InstImages.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/InstHelp.jar:/tmp/OraI
ninstall2015-04-21_12-09-17PM/oui/jlib/InstHelp_de.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/InstHelp_es.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui
/jlib/InstHelp_fr.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/InstHelp_it.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/InstHelp_ja.jar:/tmp/OraI
ninstall2015-04-21_12-09-17PM/oui/jlib/InstHelp_ko.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/InstHelp_pt_BR.jar:/tmp/OraInstall2015-04-21_12-09-17PM/
oui/jlib/InstHelp_zh_CN.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/InstHelp_zh_TW.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/oracle_ice.jar:/
tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/help4.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/help4-nls.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui
/jlib/ewt3.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/ewt3-swingaccess.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/ewt3-nls.jar:/tmp/OraInstal
l2015-04-21_12-09-17PM/oui/jlib/swingaccess.jar:../tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/jewt4.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/jewt
4-nls.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/orail8n-collation.jar:/tmp/OraInstall2015-04-21_12-09-17PM/oui/jlib/orail8n-mapping.jar:/tmp/OraIns
tall2015-04-21_12-09
root      46585 45299   0 12:10 pts/12    00:00:00 grep install
[root@ORCLTEST dbhome_1]#
```

文件大小:

```
[root@ORCLTEST dbhome_1]# du . -sh
4.1G .
[root@ORCLTEST dbhome_1]#
```

Root 脚本:

```
[root@ORCLTEST ~]# /u02/app/oracle/product/11.2.0/dbhome_1/root.sh
Check /u02/app/oracle/product/11.2.0/dbhome_1/install/root_ORCLTEST_2015-04-21_12-16-26.log for the output of root script
[root@ORCLTEST ~]# more /u02/app/oracle/product/11.2.0/dbhome_1/install/root_ORCLTEST_2015-04-21_12-16-26.log
```

Performing root user operation for Oracle 11g

```
The following environment variables are set as:
  ORACLE_OWNER= oracle
  ORACLE_HOME= /u02/app/oracle/product/11.2.0/dbhome_1
Entries will be added to the /etc/oratab file as needed by
Database Configuration Assistant when a database is created
Finished running generic part of root script.
Now product-specific root actions will be performed.
Finished product-specific root actions.
[root@ORCLTEST ~]#
```

至此，数据库软件静默安装完成。

如果安装错误，可以删除目录（`rm -rf /u02`）然后重新创建目录再执行命令创建。

```
rm -rf /u02
mkdir -p /u02/app/oracle/product/11.2.0/dbhome_1
chown -R oracle:oinstall /u02
chmod -R 775 /u02
```

3、Dbca 静默方式建库

```
[oracle@orcltest database]$ strings $ORACLE_HOME/assistants/dbca/templates/General_Purpose.dbc | grep -i arch
    <archiveLogMode>true</archiveLogMode>
[oracle@orcltest database]$
[oracle@ORCLTEST oracle]$ dbca -silent -createDatabase -templateName General_Purpose.dbc -gdbname orcltest -sid orcltest -sysPassword lhr -systemPassword lhr
-responseFile NO_VALUE -datafileDestination /u02/app/oracle/oradata/ -redoLogFileSize 50 -recoveryAreaDestination /u02/app/oracle/flash_recovery_area
-storageType FS -characterSet ZHS16GBK -nationalCharacterSet AL16UTF16 -sampleSchema true -memoryPercentage 20 -totalMemory 200 -databaseType OLTP
-emConfiguration NONE
1% complete
3% complete
11% complete
18% complete
26% complete
37% complete
Creating and starting Oracle instance
40% complete
45% complete
50% complete
55% complete
56% complete
57% complete
60% complete
62% complete
Completing Database Creation
66% complete
70% complete
73% complete
85% complete
96% complete
100% complete
Look at the log file "/u02/app/oracle/cfgtoollogs/dbca/orcltest/orcltest.log" for further details.
[oracle@orcltest database]$ more /u02/app/oracle/cfgtoollogs/dbca/orcltest/orcltest.log
Copying database files
DBCA_PROGRESS : 1%
DBCA_PROGRESS : 3%
DBCA_PROGRESS : 11%
DBCA_PROGRESS : 18%
DBCA_PROGRESS : 26%
DBCA_PROGRESS : 37%
Creating and starting Oracle instance
DBCA_PROGRESS : 40%
DBCA_PROGRESS : 45%
DBCA_PROGRESS : 50%
DBCA_PROGRESS : 55%
DBCA_PROGRESS : 56%
DBCA_PROGRESS : 57%
DBCA_PROGRESS : 60%
DBCA_PROGRESS : 62%
```

```
Completing Database Creation
DBCA_PROGRESS : 66%
DBCA_PROGRESS : 70%
DBCA_PROGRESS : 73%
DBCA_PROGRESS : 85%
DBCA_PROGRESS : 96%
DBCA_PROGRESS : 100%
Database creation complete. For details check the logfiles at:
/u02/app/oracle/cfgtoollogs/dbca/orcltest.
Database Information:
Global Database Name:orcltest
System Identifier(SID):orcltest

[oracle@ORCLTEST oracle]$ ORACLE_SID=orcltest
[oracle@orcltest database]$ sqlplus / as sysdba

SQL*Plus: Release 11.2.0.3.0 Production on Tue Apr 21 15:41:57 2015

Copyright (c) 1982, 2011, Oracle. All rights reserved.

Connected to:
Oracle Database 11g Enterprise Edition Release 11.2.0.3.0 - 64bit Production
With the Partitioning, OLAP, Data Mining and Real Application Testing options

SQL> show parameter name

NAME                                TYPE                                VALUE
-----                                -                                -
db_file_name_convert                string                               orcltest
db_name                             string                               orcltest
db_unique_name                      string                               orcltest
global_names                        boolean                             FALSE
instance_name                      string                               orcltest
lock_name_space                     string
log_file_name_convert               string
processor_group_name                string
service_names                       string                               orcltest
SQL> archive log list;
Database log mode                    Archive Mode
Automatic archival                  Enabled
Archive destination                 USE_DB_RECOVERY_FILE_DEST
Oldest online log sequence          4
Next log sequence to archive        6
Current log sequence                 6
SQL>
```

三、 静默配置监听

通过 response 文件运行 netca, 生成 sqlnet.ora 和 listener.ora 文件, 位于\$ORACLE_HOME/network/admin 目录下:

```
# su - oracle
$ $ORACLE_HOME/bin/netca /silent /responsefile /u01/database/netca.rsp
$ ll $ORACLE_HOME/network/admin/*.ora
$ lsnrctl status
```

```
[oracle@orcltest admin]$ netca -silent -responsefile $ORACLE_HOME/assistants/netca/netca.rsp

Parsing command line arguments:
Parameter "silent" = true
Parameter "responsefile" = /u02/app/oracle/product/11.2.0/dbhome_1/assistants/netca/netca.rsp
```

```
Done parsing command line arguments.
Oracle Net Services Configuration:
Warning: Oracle Restart is not running.
Listener configuration will not be registered/unregistered with Oracle Restart.
Profile configuration complete.
Oracle Net Listener Startup:
Running Listener Control:
/u02/app/oracle/product/11.2.0/dbhome_1/bin/lsnrctl start LISTENER
Listener Control complete.
Listener started successfully.
Listener configuration complete.
Oracle Net Services configuration successful. The exit code is 0
[oracle@orcltest admin]$
[oracle@orcltest admin]$ cd $ORACLE_HOME/network/admin
[oracle@orcltest admin]$ ll
total 20
-rw-r--r-- 1 oracle oinstall 379 Apr 21 16:33 listener.ora
drwxr-xr-x 2 oracle oinstall 4096 Apr 21 16:02 samples
-rw-r--r-- 1 oracle oinstall 205 May 11 2011 shrept.lst
-rw-r--r-- 1 oracle oinstall 223 Apr 21 16:33 sqlnet1504214PM3315.bak
-rwxr-xr-x 1 oracle oinstall 223 Apr 21 16:33 sqlnet.ora
[oracle@orcltest admin]$
```

成功运行后在\$ORACLE_HOME/network/admin 目录下生成 sqlnet.ora 和 listener.ora 两个文件。

.....

本文作者：小麦苗，只专注于数据库的技术，更注重技术的运用

ITPUB BLOG : <http://blog.itpub.net/26736162>

本文地址：

本文pdf版：<http://yunpan.cn/QCwUAI9bn7g7w> 提取码：af2d

QQ：642808185 注明：ITPUB 的文章标题

<版权所有，文章允许转载，但须以链接方式注明源地址，否则追究法律责任!>

.....