**教你如何静默安装ORACLE**

投稿：hebedich 字体：[[增加](javascript:turnbig()) [减小](javascript:turnsmall())] 类型：转载

这篇文章主要介绍了教你如何静默安装ORACLE,需要的朋友可以参考下

由于本次的实验我是将上次的虚拟机直接拷贝过来，然后将里面图形化界面安装好了的oracle给删除，再次重新安装，所以这里要修改一些配置。

首先修改的是我们的IP地址

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1 | # system-config-network |

完成后我们修改一下hosts文件，将里面的ip地址给修改一下

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1 | # vi /etc/hosts |

接着我们删除上次安装过的ORACLE文件

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|  |  |
| --- | --- |
| 1  2  3 | # cd $ORACLE\_BASE  # ls  # rm -rf \* |

进入root：rm -rf /etc/ora\*  
还是在安装前进行配置。  
接下来进行静默安装。首先我们先要创建一个相应文件，这个文件里记录了我们oracle安装的所有过程

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1  2  3 | [oracle@oracle ~]$ cd /u01/database/response  $ cp enterprise.rsp /u01  $ vi /u01/enterprise.rsp |

修改一下内容：

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7 | 35 UNIX\_GROUP\_NAME=\"oinstall\"   62 ORACLE\_HOME=\"/u01/app/oracle/10.2.0/db\_1\"   70 ORACLE\_HOME\_NAME=\"OraDbHome1\"   351 COMPONENT\_LANGUAGES={\"en,zh\_CN\"}   384 s\_nameForDBAGrp=\"dba\"   392 s\_nameForOPERGrp=\"oper\"   422 n\_configurationOption=3 |

开始安装：

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1  2 | [oracle@oracle ~]$ cd /u01/database  $ ./runInstaller -silent -responseFile /u01/enterprise.rsp |

安装完成后执行以下脚本

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1  2 | $ORACLE\_BASE/oraInventory/orainstRoot.sh  $ORACLE\_HOME/root.sh |

执行完脚本以后使用：sqlplus / as sysdba即可知道oracle的版本为：10.2.0.1.0  
静默升级数据库

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8 | $ cp /u01/Disk1/response/patchset.rsp /u01  vi /u01/patchset.rsp编辑如下行：    45 UNIX\_GROUP\_NAME=\"oinstall\"    87 ORACLE\_HOME=\"/u01/app/oracle/10.2.0/db\_1\"    99 ORACLE\_HOME\_NAME=\"OraDbHome1\"    533 MYORACLESUPPORT\_USERNAME=\"zhaoming@sina.com\"    542 MYORACLESUPPORT\_PASSWORD=\"b\"    603 DECLINE\_SECURITY\_UPDATES=true |

进行安装升级的补丁

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1 | $ ./runInstaller -silent -responseFile /u01/patchset.rsp |

升级成功

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|  |  |
| --- | --- |
| 1  2  3  4 | $ sqlplus / as sysdba;  Connected to:  Oracle Database 10g Enterprise Edition Release 10.2.0.5.0 - Production  With the Partitioning, OLAP, Data Mining and Real Application Testing options |

 接下来进行手工建库

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16 | $ vi $ORACLE\_HOME/dbs/initorcl.ora  写入以下内容：  compatible=10.2.0.5  instance\_name=orcl  db\_name=orcl  sga\_target=500M  sga\_max\_size=500M  job\_queue\_processes=10  undo\_management=auto  undo\_tablespace=undotbs  audit\_file\_dest=$ORACLE\_BASE/admin/orcl/adump  background\_dump\_dest=$ORACLE\_BASE/admin/orcl/bdump  core\_dump\_dest=$ORACLE\_BASE/admin/orcl/cdump  user\_dump\_dest=$ORACLE\_BASE/admin/orcl/udump  control\_files=\'/u01/app/oracle/oradata/orcl/control01.ctl\',\'/u01/app/oracle/oradata/orcl/control02.ctl\'  保存退出 |

 创建跟踪目录：

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1 | mkdir -p $ORACLE\_BASE/admin/orcl/{a,b,c,u}dump |

创建控制文件的位置

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1 | mkdir -p /u01/app/oracle/oradata/orcl/ |

  启动到实例：

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1  2  3 | sqlplus / as sysdba  create spfile from pfile;  startup nomount |

 接下来进行创建数据库  
 vi createdb.sql写入如下内容：

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24 | CREATE DATABASE orcl    USER SYS IDENTIFIED BY a  ---这里需要修改你的密码    USER SYSTEM IDENTIFIED BY a    LOGFILE GROUP 1 (\'/u01/app/oracle/oradata/orcl/redo01.log\') SIZE 50M,        GROUP 2 (\'/u01/app/oracle/oradata/orcl/redo02.log\') SIZE 50M,        GROUP 3 (\'/u01/app/oracle/oradata/orcl/redo03.log\') SIZE 50M    MAXLOGFILES 5    MAXLOGMEMBERS 5    MAXLOGHISTORY 1    MAXDATAFILES 100    MAXINSTANCES 1    CHARACTER SET utf8    NATIONAL CHARACTER SET utf8    DATAFILE \'/u01/app/oracle/oradata/orcl/system01.dbf\' SIZE 325M REUSE    EXTENT MANAGEMENT LOCAL    SYSAUX DATAFILE \'/u01/app/oracle/oradata/orcl/sysaux01.dbf\' SIZE 325M REUSE    DEFAULT TABLESPACE users datafile \'/u01/app/oracle/oradata/orcl/users01.dbf\' size 200M    DEFAULT TEMPORARY TABLESPACE temp     TEMPFILE \'/u01/app/oracle/oradata/orcl/temp01.dbf\'     SIZE 20M REUSE    UNDO TABLESPACE undotbs     DATAFILE \'/u01/app/oracle/oradata/orcl/undotbs01.dbf\'     SIZE 200M REUSE AUTOEXTEND ON MAXSIZE UNLIMITED  / |

 然后在sql中引用到这些脚本

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|  |  |
| --- | --- |
| 1  2  3 | sql> get /u01/create.sql  ---解释一下get的作用：就是引用操作系统目录下的任意一个文件引入到sql中来。  sql> .........  sql>/ |

-----执行完这些脚本语句之后就会在相应的位置产生控制文件、数据文件、日志文件等----  
 接着执行

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|  |  |
| --- | --- |
| 1  2  3 | sql>desc dba\_tables  ERROR:  ORA-04043: object dba\_tables does not exist |

----解释一下：这里查询的是数据字典，我们这里只不过建好了数据库，并没有将数据库相关的视图、表、索引、数据字典等建好。----  
 所以我们呢要来建这些视图、表、索引了。

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1  2  3  4  5  6 | $ cd /u01  vi jb.sql写入如下内容：  @?/rdbms/admin/catalog.sql ----catalog.sql：创建数据字典  @?/rdbms/admin/catproc.sql  ----catproc.sql：安装ORACLE自定义的包  conn system/a  @?/sqlplus/admin/pupbld.sql  ----pupbld.sql：屏蔽sqlplus错误 |

 接着在数据库中执行这段脚本：

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|  |  |
| --- | --- |
| 1 | sql>@/u01/jb.sql |

---这里解释一下：@：可以执行操作系统下的某个脚本中sql语句

 紧接着就是漫长的等待，估计20多分钟吧。

 执行完成后，你会看到很多什么表啊视图什么的，does not exist。不用管他，这是创建数据字典时候先去查询这些表存不存在。当然不存在啊，因为都还没创建，所以自然会报错。

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1 | sql>desc dba\_tables |

 完了后这个时候就有内容了。

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1 | sql> select count(\*) from dba\_tables |

 接下来我们进行OEM的安装，安装之前我们先将补丁给补上。补丁我们也是采用禁默安装。补丁：

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1 | p8350262\_10205\_Generic.zip |

 将补丁上传到目录：$ORACLE\_HOME/OPatch/  解压缩：  
$ unzip p8350262\_10205\_Generic.zip  
 得到一个目录为：8350262  
 打补丁：

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1  2  3 | $ emctl stop dbconsole  $ cd $ORACLE\_HOME/OPatch  $ ./opatch apply 8350262 |

 补丁安装上去之后

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|  |  |
| --- | --- |
| 1 | $ lsnrctl status 显示: No Listener |

 然后我们做：

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|  |  |
| --- | --- |
| 1  2  3 | $ cd /u01/database/response/  $ cp netca.rsp /u01  $ netca /silent /responseFile /u01/netca.rsp |

 安装完监听器后我们进入sqlplus去将数据库注册到这个监听器上。

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1  2 | $ sqlplus / as sysdba;  sqlplus>alter system register |

 监听器安装完成后我们进行安装资料库

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1  2 | SQL> select username from dba\_users where username=\'SYSMAN\';       no rows selected |

 执行安装资料库命令：

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19 | $ emca -repos create  STARTED EMCA at Mar 30, 2013 9:57:23 AM  EM Configuration Assistant, Version 10.2.0.1.0 Production  Copyright (c) 2003, 2005, Oracle. All rights reserved.  Enter the following information:  Database SID: orcl  Listener port number: 1521  Password for SYS user:  Password for SYSMAN user:  Password for SYSMAN user:  Do you wish to continue? [yes(Y)/no(N)]: Y  Mar 30, 2013 9:58:28 AM oracle.sysman.emcp.EMConfig perform  INFO: This operation is being logged at /u01/app/oracle/10.2.0/db\_1/cfgtoollogs/emca/orcl/emca\_2013-03-30\_09-57-2-AM.log.  Mar 30, 2013 9:58:28 AM oracle.sysman.emcp.EMReposConfig createRepository  INFO: Creating the EM repository (this may take a while) ...  Mar 30, 2013 10:00:42 AM oracle.sysman.emcp.EMReposConfig invoke  INFO: Repository successfully created  Enterprise Manager configuration completed successfully  FINISHED EMCA at Mar 30, 2013 10:00:42 AM |

 资料库安装完成后我们进行安装控制台：

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33  34 | $ emca -config dbcontrol db  STARTED EMCA at Mar 30, 2013 10:01:47 AM  EM Configuration Assistant, Version 10.2.0.1.0 Production  Copyright (c) 2003, 2005, Oracle. All rights reserved.  Enter the following information:  Database SID: orcl  Listener port number: 1521  Password for SYS user:  Password for DBSNMP user:  Password for SYSMAN user:  Invalid username/password.  Password for SYSMAN user:  Email address for notifications (optional):  Outgoing Mail (SMTP) server for notifications (optional):  -----------------------------------------------------------------  You have specified the following settings  Database ORACLE\_HOME ................ /u01/app/oracle/10.2.0/db\_1  Database hostname ................ hndx  Listener port number ................ 1521  Database SID ................ orcl  Email address for notifications ...............  Outgoing Mail (SMTP) server for notifications ...............  -----------------------------------------------------------------  Do you wish to continue? [yes(Y)/no(N)]: Y  Mar 30, 2013 10:02:42 AM oracle.sysman.emcp.EMConfig perform  INFO: This operation is being logged at /u01/app/oracle/10.2.0/db\_1/cfgtoollogs/emca/orcl/emca\_2013-03-30\_10-01-4-AM.log.  Mar 30, 2013 10:02:48 AM oracle.sysman.emcp.util.DBControlUtil startOMS  INFO: Starting Database Control (this may take a while) ...  Mar 30, 2013 10:04:24 AM oracle.sysman.emcp.EMDBPostConfig performConfiguration  INFO: Database Control started successfully  Mar 30, 2013 10:04:24 AM oracle.sysman.emcp.EMDBPostConfig performConfiguration  INFO: >>>>>>>>>>> The Database Control URL is <http://hndx:1158/em> <<<<<<<<<<<  Enterprise Manager configuration completed successfully  FINISHED EMCA at Mar 30, 2013 10:04:24 AM |

 马上就大功告成了  
$ firefox <http://hndx:1158/em>    --如果报错：用户名密码错误，请先创建口令文件：  
 创建口令文件：

[?](http://www.jb51.net/article/53838.htm)

|  |  |
| --- | --- |
| 1 | orapwd file=$ORACLE\_HOME/dbs/orapworcl password=xxxxx---用户名自己定义 |

 是不是看到火狐浏览器的界面很亲切呢。这里估计还会有错误，就是要添加证书，进入后添加点击下面的添加就好了。