

## Create a Database

NOTE?

- ????? SID ????????????????
- ORACLE\_BASE=/opt/oracle
- ORACLE\_HOME=/opt/oracle/product/10.2.0/db\_1

?? pfileSID.ora?

for 10g)

```
*.audit_file_dest='/opt/oracle/admin/SID/adump'  
*.background_dump_dest='/opt/oracle/admin/SID/bdump'  
*.compatible='10.2.0.1.0'  
*.control_files='/opt/oracle/oradata/SID/control01.ctl','/opt/oracle/oradata/SID/control02.ctl','/opt/  
oracle/oradata/SID/control03.ctl'  
*.core_dump_dest='/opt/oracle/admin/SID/cdump'  
*.db_block_size=8192  
*.db_files=1000  
*.db_domain=''  
*.db_file_multiblock_read_count=16  
*.db_name='SID'  
*.dispatchers='(PROTOCOL=TCP) (SERVICE=SIDXDB)'  
*.job_queue_processes=10  
*.open_cursors=300  
*.pga_aggregate_target=93323264  
*.processes=150  
*.remote_login_passwordfile='EXCLUSIVE'  
*.sga_target=4294967296  
*.undo_management='AUTO'  
*.undo_tablespace='UNDOTBS'  
*.user_dump_dest='/opt/oracle/admin/SID/udump'
```

for 11g)

```
*._optimizer_use_feedback=FALSE  
*._use_adaptive_log_file_sync='FALSE'  
*.audit_file_dest='/opt/oracle/admin/SID/adump'  
*.audit_trail='NONE'  
*.compatible='11.2.0.4.0'  
*.control_files='/opt/oracle/oradata/SID/control01.ctl','/opt/oracle/oradata/SID/control02.ctl'  
*.db_block_size=8192  
*.db_domain=''  
*.db_name='SID'  
*.deferred_segment_creation=FALSE  
*.diagnostic_dest='/opt/oracle'  
*.open_cursors=300
```

```
*.optimizer_dynamic_sampling=0
*.pga_aggregate_target=1073741824
*.processes=1500
*.remote_login_passwordfile='EXCLUSIVE'
*.sessions=1655
*.sga_target=3221225472
*.undo_tablespace='UNDOTBS'
```

```
* ?? SID ??????
```

```
* ?? sga_target (4GB, 4294967296 bytes / 3GB, 3221225472 bytes)
```

```
* ?? db_block_size (8192/16384/32768)
```

```
* ?? db_files
```

```
??? spfile
```

```
cp pfileSID.ora $ORACLE_HOME/dbs
```

```
export ORACLE_SID=SID
```

```
sqlplus /nolog
```

```
SQL> connect / as sysdba
```

```
SQL> create spfile='/opt/oracle/product/10.2.0/db_1/dbs/spfileSID.ora' from pfile='/opt/oracle/product/10.2.0/db_1/dbs/pfileSID.ora';
```

```
SQL> exit
```

```
????? oratab
```

```
su - oracle
```

```
// for 10g
```

```
mkdir -p /opt/oracle/admin/sid/{adump,bdump,cdump,udump}
```

```
// for 11g
```

```
mkdir -p /opt/oracle/admin/sid/adump
```

```
mkdir -p /opt/oracle/oradata/sid
```

```
?? /etc/oratab?
```

```
// for 10g
```

```
SID:/opt/oracle/product/10.2.0/db_1:N
```

```
// for 11g
```

SID:/opt/oracle/product/11.2.4/db\_1:N

?? createDB.sql?

- ?? SYS ??
- ??????
- ?? redolog size

**createDB.sql:**

reference to undefined name 'syntax' Exception of type  
'MindTouch.Deki.Script.Runtime.DekiScriptUndefinedNameException' was thrown. (click for details)

TIPS:

redo LOG ?????????? 2G x 4

????

??????

\$ echo \$ORACLE\_SID

win

\$ echo \$ORACLE\_HOME

/opt/oracle/product/10.2.0/db\_1

\$ sqlplus /nolog

SQL> connect / as sysdba

SQL> startup nomount

SQL> @createDB.sql

????

SQL> select instance\_name, status from v\$instance;

DB ?????????????? SQL

SQL> @?/rdbms/admin/catalog.sql

SQL> @?/rdbms/admin/catproc.sql

??? Apply PatchSet (PSU) ?

Oracle 10g)

- PatchSet 12419392

Oracle 11g)



<my\_SID>:/opt/oracle/product/10.2.0/db\_1:N ?????