

Oracle Database Administration

Oracle DBA users

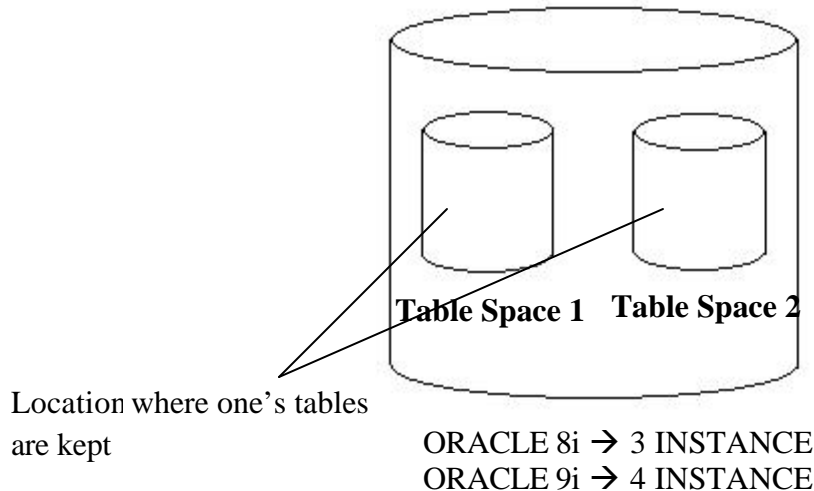
User Name	Default Password
internal	No password
system	manager
sys	changeoninstall

Creating Oracle user

```

su - oracle
$ svrmgrl          → (Oracle 8 & Oracle 8i)
svrmgrl> connect internal ←
sql> create user <user name> ←          → create janaka
sql> identified by <password> ←        → identified by menu3649
sql> default tablespace <tablespace name> ← → default tablespace tspace1
sql> temporary tablespace <tablespace name>; ← → temporary tablespace temp;
    
```

Database One Instance



Instance → SID or Service Name
 \$ORACLE_HOME=/u01/ora/bin
 \$ORACLE_SID=AB1
 \$ORACLE_SID=AB2

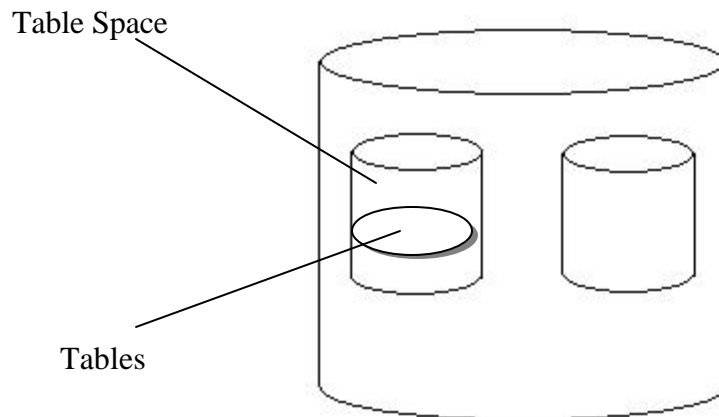
\$ORACLE_HOME=/u01/oracle
 DATABASES → \$ORACLE_HOME/oradata/<SID>/*.dbf
 Eg: - system_01.dbf
 Temp.dbf
 Index.dbf

(Any free location can be given)

Creating tablespace

```
sql> create tablespace <tablespace name> ↵ → create tablespace tablespace1  
sql> data file '<file name>' ↵ → data file '/u01/oracle/oracledata/AB1/ABC_01.dbf'  
sql> size <size>; ↵ → size 250m;
```

Granting privileges to user



```
sql> grant <privilege> to <user name> ↵ → grant connect to Janaka;  
→ grant resource to Janaka;  
→ grant dba to Janaka;  
→ grant connect,resource,dba to Janaka;
```

Revoking privileges in user

```
sql> revoke < privilege> from <user name> ↵ → revoke dba from Janaka
```

Alter user quota to a tablespace

```
sql> alter user <user name> ↵ → alter user osdegty
      quota 0 on <tablespace>; ↵ → quota 0 on osd;

      alter user <user name> quota unlimited on <tablespace name>; ↵
      → alter user osdegty quota unlimited on osdegty;
```

Changing password

```
sql> alter user <user name> ↵ → alter user janaka
      identified by <new password>; ↵ → identified by omax3649;
```

Exporting tables from one user

```
su - oracle
$ exp help=y ↵ ← to get help of commands
$ exp <user name>/<password> file=<file name>.dmp log=<log file name>.log
  owner=<owner name> compress=<y/n>; ↵
→ exp system/manager file=osd_exp.dmb log=osd_exp.log owner=osd compress=n;
```

Importing table to one user

```
$ imp help=y ↵
$ imp <user name> file=<file name>.dmp log=<log file name>.log fromuser=<owner
  name> touser=<to user name> ignore=<y/n> commit=<y/n>; ↵
→ imp system/manager file=osd_exp.dmp log=osd_imp.log fromuser=osd touser=Janaka
  ignore=y commit=y;
```

** To import or Export tables user must have dba privilege **

Import to janaka on Oracle 8 ————— Export osd's table on Oracle 9

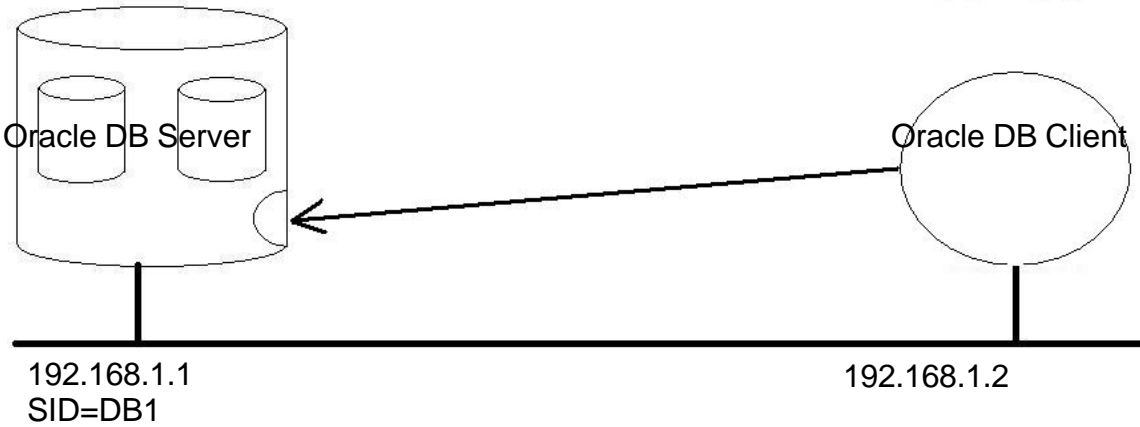


** To import data from Oracle 9i Database to Oracle 8i Database which are connected through network, The following entry should be entered into tnsnames.ora file **

\$ORACLE_HOME/network/admin/tnsnames.ora

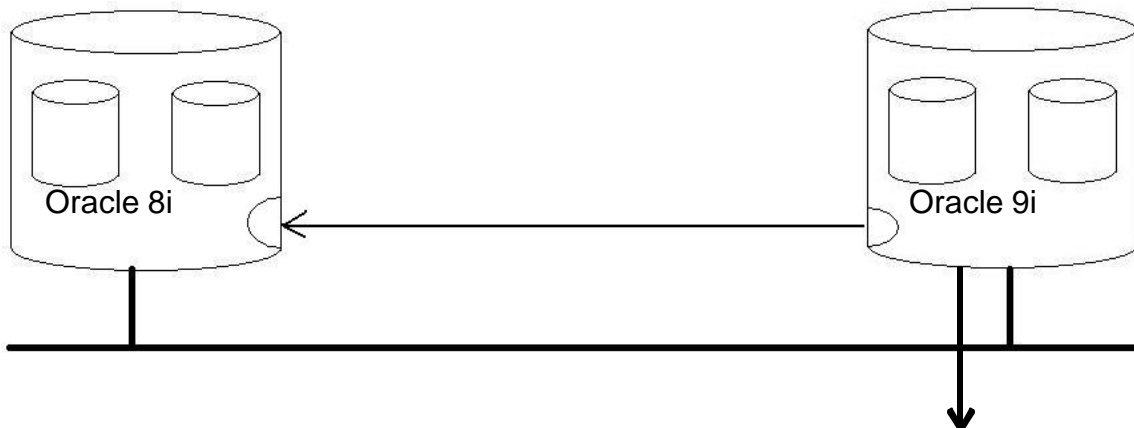
```
“alias” -----test=(  
                    (host=<Oracle 9i host>  
                    (SID=<Oracle 9i SID>  
                    )
```

```
eg:-  
test=(  
      (host=192.168.1.1)  
      (SID=DB9i)  
      )
```



```
test=(  
      (host=192.168.1.1)  
      (SID=DB1)  
      )
```

```
sql> sqlplus janaka/janaka @ test;
```



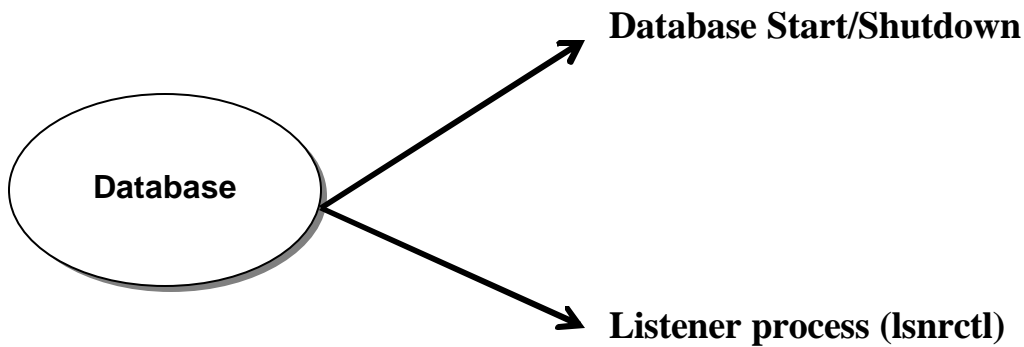
```
$ exp system/manager @ test file=osd_exp.dmb log=osd_exp.log owner=osd
compress=n;
```

```
Connectiing to Oracle 8i .....
.....
.....
Exporting tables.....
.....
.....
```

To check up connectivity of the “alias”

```
$ tnsping test
```

```
attempting to connect (host=..... SID=.....
IPC=..... time= 20sec) OK
```



** To establish connectivity listener should start **



```
$ lsnrctl start
$ lsnrctl stop
```

How to start and shutdown Database

Oracle 8

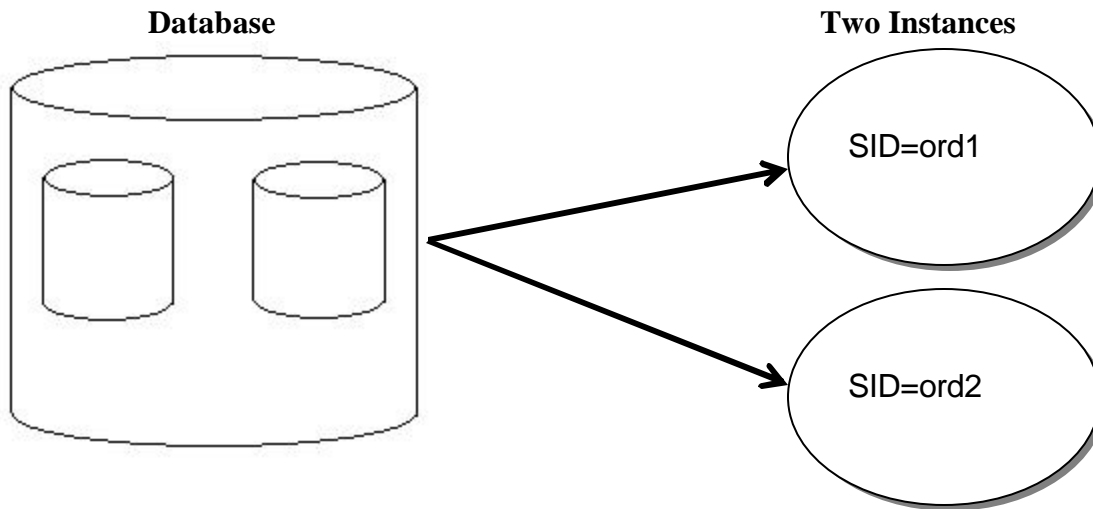
```
svrmgrl> startup  
svrmgrl> shutdown immediate  
svrmgrl> shutdown abort  
svrmgrl> shutdown normal  
svrmgrl> shutdown
```

Oracle 8i

```
$ sqlplus internal  
sql> startup/shutdown
```

Oracle 9i

```
$ sqlplus /nolog  
sql> connect / as sysdba; → (logged as sysdba/internal)  
sql> startup/shutdown]
```



```
su - oracle  
$ echo $ORACLE_SID  
ord1  
OR  
$ env  
  
$ ORACLE_SID = ord2  
$ export ORACLE_SID  
$ echo $ORACLE_SID → (To Verify)  
$ sqlplus internal  
sql> startup
```

To verify whether DB SID=ord2 /ord1 is running

\$ ps - ef | grep ora_ ←

Auto start / shutdown database on machine restarting / power off

To Start

/etc/rc2.d/**S99oracle**

S[0-9][0-9]<simple letters>

Init level 2

S99oracle → run as root

Su - oracle - C "lsnrctl start"

Sleep 2

Su - oracle C "dbstart"

\$ chmod +x S99oracle

To Kill

/etc/rc0.d/**K99oracle**

K[0-9][0-9]<simple letters>

Init level 0

K99oracle → run as root

Su - oracle - C "lsnrctl stop"

Sleep 2

Su - oracle C "dbshut"

vi \$ORACLE_HOME/scripts/dbshut

/shutdown → shutdown immediate

cd /var/opt/oracle

vi oradb file and change

<SID>:<ORACLE_HOME>:<Y/N>

ord1:/u01/oracle8i:N → Y