



??

?? DB ????? Instance ?????? DBA ?????? DB ?????? Instance ?????? SID??? instance ?????? Application?

- Oracle 10gR2
- ?? Instance
 1. SID: win
 2. spfile: \$ORACLE_HOME/dbs/spfilewin.ora
- ?? Instance
 1. SID: win_new

????

- ??? Oracle Database Server
- ?????? SYS/SYSTEM ?? DB
- ???? RAM ??
- ???????????

??

??? SID

```
su - oracle
export ORACLE_SID=win_new
export NLS_LANG=AMERICAN_AMERICA.WE8ISO8859P1
```

TIPS:

```
?? NLS_LANG
SQL> select userenv('language') from dual;
```

?? pfile

???? instance ? pfile ?????

pfilewin.ora???? Instance - win?

```
win.__db_cache_size=88080384
win.__java_pool_size=4194304
win.__large_pool_size=4194304
win.__shared_pool_size=171966464
win.__streams_pool_size=4194304
*.audit_file_dest='/opt/oracle/admin/win/adump'
*.background_dump_dest='/opt/oracle/admin/win/bdump'
*.compatible='10.2.0.1.0'
*.control_files='/opt/oracle/oradata/win/control01.ctl','/opt/oracle/oradata/win/control02.ctl','/opt/oracle/oradata/win/control03.ctl'
*.core_dump_dest='/opt/oracle/admin/win/cdump'
*.db_block_size=8192
*.db_domain=''
```

```
*.db_file_multiblock_read_count=16
*.db_name='win'
*.db_recovery_file_dest='/opt/oracle/flash_recovery_area'
*.db_recovery_file_dest_size=2147483648
*.dispatchers='(PROTOCOL=TCP) (SERVICE=winXDB)'
*.job_queue_processes=10
*.open_cursors=300
*.pga_aggregate_target=93323264
*.processes=150
*.remote_login_passwordfile='EXCLUSIVE'
*.sga_target=281018368
*.undo_management='AUTO'
*.undo_tablespace='UNDOTBS1'
*.user_dump_dest='/opt/oracle/admin/win/udump'
```

?? pfile ?????????? pfilewin_new.ora

- ????? win.xxxx ??
- ?????? win ??? win_new
- db_block_size ? DB ?????????? 8192
- db_name ????? SID
- db_files ?????????? 200?
- sga_target ??????????????2G = 2147483648?

```
*.audit_file_dest='/opt/oracle/admin/win_new/adump'
*.background_dump_dest='/opt/oracle/admin/win_new/bdump'
*.compatible='10.2.0.1.0'
*.control_files='/opt/oracle/oradata/win_new/control01.ctl','/opt/oracle/oradata/win_new/control02.ctl','/opt/oracle/oradata/win_new/control03.ctl'
*.core_dump_dest='/opt/oracle/admin/win_new/cdump'
*.db_block_size=8192
*.db_domain=''
*.db_file_multiblock_read_count=16
*.db_files=1000
*.db_name='win_new'
*.db_recovery_file_dest='/opt/oracle/flash_recovery_area'
*.db_recovery_file_dest_size=2147483648
*.dispatchers='(PROTOCOL=TCP) (SERVICE=win_newXDB)'
*.job_queue_processes=10
*.open_cursors=300
*.pga_aggregate_target=93323264
*.processes=150
*.remote_login_passwordfile='EXCLUSIVE'
*.sga_target=281018368
*.undo_management='AUTO'
*.undo_tablespace='UNDOTBS1'
*.user_dump_dest='/opt/oracle/admin/win_new/udump'
```

??????????

```
su - oracle
mkdir -p /opt/oracle/admin/win_new/adump
mkdir -p /opt/oracle/admin/win_new/bdump
mkdir -p /opt/oracle/admin/win_new/cdump
mkdir -p /opt/oracle/admin/win_new/udump
mkdir /opt/oracle/oradata/win_new
mkdir /opt/oracle/flash_recovery_area/WIN_NEW
```

?? oratab

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

```
win:/opt/oracle/product/10.2.0/db_1:N
win_new:/opt/oracle/product/10.2.0/db_1:N <== ????
```

TIP:

```
??? <ORACLE_SID>:<ORACLE_HOME>;N
```

?? spfile

NOTE: spfile ??????\$/ORACLE_HOME/dbs/spfile<SID>.ora

```
export ORACLE_SID=win_new
sqlplus /nolog
```

```
SQL> connect / as sysdba
SQL> create spfile='/opt/oracle/product/10.2.0/db_1/dbs/spfilewin_new.ora' from pfile='/opt/oracle/
product/10.2.0/db_1/dbs/pfilewin_new.ora';
SQL> exit
```

?? Instance

```
export ORACLE_SID=win_new
sqlplus /nolog
```

```
SQL> connect / as sysdba
SQL> startup nomount
SQL> shutdown
```

?????

?? createDB.sql

```
CREATE DATABASE win_new
  USER SYS IDENTIFIED BY mypass
```

```

USER SYSTEM IDENTIFIED BY mypass
LOGFILE GROUP 1 ('/opt/oracle/oradata/win_new/redo01.log') SIZE 100M,
  GROUP 2 ('/opt/oracle/oradata/win_new/redo02.log') SIZE 100M,
  GROUP 3 ('/opt/oracle/oradata/win_new/redo03.log') SIZE 100M
MAXLOGFILES 5
MAXLOGMEMBERS 5
MAXLOGHISTORY 1
MAXDATAFILES 100
MAXINSTANCES 1
CHARACTER SET WE8ISO8859P1
NATIONAL CHARACTER SET AL16UTF16
DATAFILE '/opt/oracle/oradata/win_new/system01.dbf'
  SIZE 325M REUSE AUTOEXTEND ON MAXSIZE 32767M
SYSAUX DATAFILE '/opt/oracle/oradata/win_new/sysaux01.dbf'
  SIZE 325M REUSE AUTOEXTEND ON MAXSIZE 10240M
DEFAULT TEMPORARY TABLESPACE temp
  TEMPFILE '/opt/oracle/oradata/win_new/temp01.dbf'
  SIZE 500M REUSE AUTOEXTEND ON MAXSIZE 2048M
UNDO TABLESPACE undotbs1
  DATAFILE '/opt/oracle/oradata/win_new/undotbs01.dbf'
  SIZE 200M REUSE AUTOEXTEND ON MAXSIZE UNLIMITED;

```

TIPS:

```

????? Database ? CHARACTER ??
?? select * from nls_database_parameters;
- NLS_CHARACTERSET WE8ISO8859P1
- NLS_NCHAR_CHARACTERSET AL16UTF16

UNDO TABLESPACE name ??? undotbs1??? spfile ???

TEMPORARY TABLESPACE temp ????? MAXSIZE

redo LOG ??? 2G x 4

```

```
?? createDB.sql
```

```
export ORACLE_SID=win_new
sqlplus /nolog
```

```
SQL> connect / as sysdba
SQL> startup nomount
SQL> @createDB.sql
```

TIPS:

```
???? DB ?????? alert_xxx.log ? trace log
```

