\*\*\*\* Step 1 \*\*\*\*

With the migration to a new DB and fixing the overload issue, the DB can use the Data files to get the definitions of all the schema objects in the db such as the tables, views, indexes, etc.. He can also determine the amount of space allocated by the schema object which he can optimize in the new DB. Also, all the oracle users are in the data dictionary which he will need to migrate as well as their privileges. The data dictionary also provides the DBA with auditing information such as recent activity and general db information. Also the DBA can use the oracle managed files to not worry about directly managing the operating system files compromising an Oracle DB. The DBA can specify operations in terms of DB objects rather than filenames.

The DBA can also allocate more space for a Database by adding a datafile to a tablespace or adding a new tablespace or simply increasing the size of a datafile.

\*\*\*\* Step 2 \*\*\*\*

# Cache and I/0

db\_block\_size = 4096

db\_domain = detroit.usa

remote\_login\_passwordfile = exclusive

control\_files = (D:\newlogs\control199.ct1)

maxinstances=2

compatible = 9.0.1

#Database Name

db\_name = prod901

instance\_name = trial02

\*\*\* Step 3 \*\*\*

O:\DB809\ORACLE\ADMIN\pfile\initDB809.ora

SQL> SHUTDOWN IMMEDIATE

Database closed.

Database dismounted.

ORACLE instance shut down.

SQL> STARTUP NOMOUNT PFILE= O:\DB809\ORACLE\ADMIN\pfile\initDB809.ora

ORACLE instance started.

Total System Global Area 104857600 bytes

Fixed Size 2002272 bytes

Variable Size 92275360 bytes

Database Buffers 8388608 bytes

Redo Buffers 2191360 bytes

SQL> SHUTDOWN IMMEDIATE

ORA-01507: database not mounted

ORACLE instance shut down.

SQL> STARTUP MOUNT PFILE=O:\DB809\ORACLE\ADMIN\pfile\initDB809.ora

ORACLE instance started.

Total System Global Area 104857600 bytes

Fixed Size 2002272 bytes

Variable Size 92275360 bytes

Database Buffers 8388608 bytes

Redo Buffers 2191360 bytes

Database mounted.

SQL> SHUTDOWN IMMEDIATE

ORA-01109: database not open

Database dismounted.

ORACLE instance shut down.

SQL> STARTUP PFILE=O:\DB809\ORACLE\ADMIN\pfile\initDB809.ora

ORACLE instance started.

Total System Global Area 104857600 bytes

Fixed Size 2002272 bytes

Variable Size 92275360 bytes

Database Buffers 8388608 bytes

Redo Buffers 2191360 bytes

Database mounted.

Database opened.

SQL> SHUTDOWN IMMEDIATE

Database closed.

Database dismounted.

ORACLE instance shut down.

SQL> STARTUP NOMOUNT PFILE=O:\DB809\ORACLE\ADMIN\pfile\initDB809.ora

ORACLE instance started.

Total System Global Area 104857600 bytes

Fixed Size 2002272 bytes

Variable Size 92275360 bytes

Database Buffers 8388608 bytes

Redo Buffers 2191360 bytes

SQL> ALTER DATABASE MOUNT;

Database altered.

SQL> ALTER DATABASE OPEN

2 ;

Database altered.

SQL> SELECT STATUS FROM V$INSTANCE;

STATUS

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OPEN

SQL> SPOOL OFF