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Topic :- Convert Database Asm file system to Coocked or (normal ds) file systems using RMAN:-

> \$ cat /etc/oratab.

> \$ Export ORACLE\_SID = asmdb.

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> \$ sqlplus / as sysdba.

SQL> Startup

SQL> select name from v\$datafile;

SQL> select name from v\$controlfile;

SQL> select member from v\$logfile;

SQL> shut immediate;

SQL> Exit

> \$ Export ORACLE\_SID = asmdb.

> \$ rman target /

RMAN> Startup mount;

RMAN> Copy datafile 1 to '/u02/app/oracle/asmdb/system01.dbf';

RMAN> Copy 2 'undotbs01.dbf';

RMAN> Copy 3 'sysaux01.dbf';

RMAN> Copy 4 'user01.dbf';

RMAN> Copy 5 '...

RMAN> Switch database to Copy;

RMAN> Shutdown immediate;

RMAN> Exit

Now, Go into parameter file,

i.e Cd \$ORACLE\_HOME/dbs/initasmdb.ora

and Comment on #+DATA -- (controlfiles)

and Uncomment on,

Control\_files = 'u02/app/oracle/asmdb --

> \$ RMAN target /

RMAN> Startup nomount; (we will restore our controlfile from disk group)

RMAN> restore control file from '+DATA -----';  
(from parameter file location)

RMAN> Alter database mount;

RMAN> Alter database open;

RMAN> Exit

\$ sqlplus / as sysdba

SQL> select name from v\$datafile;

SQL> select name from v\$controlfile;

Here, Control file & datafile are converted to cooked file systems but not logfile so we will convert it.

SQL) select member from v\$logfile;

3

SQL) select group#, status from v\$log;

SQL) alter database drop logfile group 2;

SQL) alter database add logfile group 2 ('/u01/app/oracle/asmdb/redolog2.log') size 50 m;

(Like this add/change all 3 log group by switching)

SQL) alter system switch logfile;

SQL) select member from v\$logfile;

SQL) select name from v\$tempfile;

SQL) alter tablespace temp add

tempfile '~~data~~ /u01/app/oracle/asmdb/temp01.dbf' size 10m;

SQL) select file#, name from v\$tempfile;

SQL> alter tablespace temp drop tempfile '+DATA'...

SQL> select file #, name from v\$tempfile;

SQL> shutdown immediate;

SQL> startup;

SQL> select name from v\$datafile;

SQL> select name from v\$tempfile;

SQL> select name from v\$controlfile;

SQL> select member from v\$logfile;

→ We have completed conversion of ASM file system to Normal/Control file system.