***ARCHIVELOG FILE MANAGEMENT***

The oracle database can run in one of two modes:-

1. **NO ARCHIVELOG (default)**
2. **ARCHIVELOG (optional)**

Prerequisites for archivelog file management

1. **The database must be in archivelog mode**
2. **Create and configure the flash recovery area and the size**

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**1.How to check whether the database is in noarcivelog mode or not?**

Sql>archive log list;

Output:-

Database log mode no archival mode

Automatic archival disabled

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**2.How to change the database log mode from noarchivelog to ardchivelog mode?**

Assume oracle is in the open stage

Sql> shut immediate;

Sql>startup mount;

Sql>alter database archivelog;

Sql>alter database open;

Sql>archive log list;

Output:-

Database log mode archival mode

Automatic archival enable

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**3.how to check whether flash recovery area (fra) and the size is configured or not?**

Sql>show parameters db\_recovery\_file\_dest;

Output:-

NAME TYPE VALUE

Db\_recovery\_file\_dest string

Db\_recovery\_file\_dest\_size big integer 0

The above output shows flash recovery area and size not configure.

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**4.How to configure flash recovery area (fra) and the size?**

**Step 1:** shutdown the database server if it is up and running

Sql>shut immediate;

Sql>host <enter>

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**Step2:** open the parameter file which is located at $ORACLE\_HOME/dbs

$cd $ORACLE\_HOME/dbs

Dbs] $vi initprd.ora

#add the following database parameters

db\_recovery\_file\_dest=/home/prd/fra

db\_recovery\_file\_dest=size=20000m

:wq

**Step3:** Create fra folder under /home/prd directory and grand full permissions to the fra folder

Dbs] $cd /home/prd

Dbs] $mkdir fra

Prd]$chmod -R 777 /home/prd/fra

**Step 4:** start an oracle instance in the open stage

Prd] $sqlplus ‘as sysdba’

Sql>startup;

**Step 5**: check whether flash recovery area (fra) and the size is configured or not

Sql> show parameter db\_recovery\_file\_dest;

Output:-

NAME TYPE VALUE

Db\_recovery\_file\_dest string

Db\_recovery\_file\_dest\_size big integer 20000m

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**5.How to switch the redo log group manually?**

Sql>alter system switch logfile;

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