**5 Archive Log Mode Enable / Disable**

* By default archives location is **ORACLE\_HOME/dbs.**
* Archived logs are essential for recovering a database.
* They are used to update and synchronize standby databases
* ARCHIVELOG mode ensures that backups are consistent and can be used for complete recovery.

**To check archive log mode:**

* select log\_mode from v$ database;

**Or**

* archive log list

**To check how many archives in database:**

* select name from v$archived\_log;
* select max(sequence#) from v$archived\_log;

**Enable Archive Log Mode:**

* Enable the parameters in spfile

SQL> **alter system set log\_archive\_dest=’/prod/oradata/archive’;**

SQL>**alter system set Log\_archive\_format=’% t\_%s\_%r.arch’;**

* shut down database
* Start-up mount

SQL>**Alter database archivelog;**

* Alter database open;

**Disable Archive Log Mode:**

* disable the parameters in spfile

SQL> **alter system set log\_archive\_dest=’’;**

* shut down database
* Start-up mount

SQL>**Alter database noarchivelog;**

* Alter database open;
* For single instance databases % t is 1.
* %t –thread
* %s- sequence number
* %r- in coronation number

**FRA: Fast Recovery Area**

* Down time is not required to ENABLE Fra.
* It is a centralized storage location for backup and recovery files.
* Stores RMAN backups, archived redo logs, flashback logs, and control file auto backups.
* Automatically manages space by deleting obsolete files.
* Helps in quick recovery of the database in case of failure.
* If FRA is enabled default archive log location will be FRA location.

**To set FRA enable parameters.**

* **db\_recovery\_file\_dest**
* **db\_recovery\_file\_dest\_size**
* The **DB\_RECOVERY\_FILE\_DEST\_SIZE** parameter must be set before **DB\_RECOVERY\_FILE\_DEST**.
* alter system set db\_recovery\_file\_dest\_size=10g scope=both;
* alter system set db\_recovery\_file\_dest=’/DATA/ORADATA/FRA’ scope=both;