## **16 RMAN Recovery Catalog**

* By default **RMAN** backup information is stored in control file for 7 days.
* To store RMAN backup information permanentaly it is recommended to have catalog database.
* The recovery catalog serves as a secondary metadata repository. If the target control file and all backups are lost, then the RMAN metadata still exists in the recovery catalog.
* A recovery catalog centralizes metadata for all your target databases. Storing the metadata in a single place makes reporting and administration tasks easier to perform.
* Catalog database is created on separated server.

**To Create Catalog Database:**

**Catalog Database server:**

1. Create tablespace.
2. Create user
3. Give qouta to user on tablespace.
4. Assign the below PRIVILEGE to user.

* Grant create session to user;
* Grant RECOVERY\_CATALOG\_OWNER to user;

1. Create listener

**Source database:**

* On the source database add TNS of catalog database.

**To connect in source db:**

* sqlplus ract/ract@10.100.24.51:1521/abc
* rman target / catalog=rcat/rcat@target ip address:port number/target db name
* rman target / catalog=rcat/rcat@abc
* This will connect with source rman and catalog database server.

RMAN> create catalog;

RMAN> register database;

* In catalog db tables are created under user to store Rman backups information.
* Database registration should be done for every database which needs recovery catalog.

**To store before Rman backup information in catalog:**

* connect to rman target / catalog=rcat/rcat@abc
* resync catalog