RMAN CONFIGURATION PARAMETERS

1: CONFIGURE RETENTION POLICY TO REDUNDANCY 1; # default

To set this parameter type --->>>>CONFIGURE RETENTION POLICY TO REDUNDANCY 7; This parameter kept save 7 days old to current backup mean's. Assume

the current backup is 25thMay the rman kept save backup till 18thMAy. To set default value type:

CONFIGURE RETENTION POLICY clear;

2: CONFIGURE BACKUP OPTIMIZATION OFF; # default

To set this parameter type--->>>>> CONFIGURE BACKUP OPTIMIZATION ON; This parameter check whether the backup is already exist are not if yes its check (**dbid, checkpoint, and reset logs data**) IF not It takes the backup. To set default value type:

 CONFIGURE BACKUP OPTIMIZATION CLEAR;

3: CONFIGURE CHANNEL DEVICE TYPE DISK.

TO set this parameter type ---->>>> CONFIGURE CHANNEL DEVICE TYPE DISK FORMAT '/u01/backup/%U'; this parameter takes backup on your choice destination but for this u must have to make directory manually on your location. (%U means the RMAN make backup file with unique name's). To set default value type

4: CONFIGURE CONTROLFILE AUTOBACKUP OFF; # default

To set this parameter type --->>>> CONFIGURE CONTROLFILE AUTOBACKUP ON ; This parameter take's auto backup of control file when u take backup of control file Rman takes controlfile backup in your backup destination but also takes control file backup in this destination automatically /u01/app/oracle/flash_recovery_area/PRIMARY/autobackup/; To set default value type:

 CONFIGURE CONTROLFILE AUTOBACKUP clear;

5: CONFIGURE CONTROLFILE AUTOBACKUP FORMAT FOR DEVICE TYPE DISK TO '%F'; # default

To set this parameter type----->>>>> CONFIGURE CONTROLFILE AUTOBACKUP FORMAT FOR DEVICE TYPE DISK TO '/u01/control/%F'; To set this parameter u should make to your own choice destination AND must set this parameter CONFIGURE CONTROLFILE AUTOBACKUP ON for auto backup of control file. To set default value type:

 CONFIGURE CONTROLFILE AUTOBACKUP FORMAT FOR DEVICE TYPE DISK clear;

6: CONFIGURE DEVICE TYPE DISK PARALLELISM 1 BACKUP TYPE TO BACKUPSET; # default

To set this parameter type ----->>>> CONFIGURE DEVICE TYPE DISK PARALLELISM 4 BACKUP TYPE TO BACKUPSET; This parameter increase the number workers to take backup fast with 4 worker's which u set.

7: CONFIGURE DATAFILE BACKUP COPIES FOR DEVICE TYPE DISK TO 1; # default

To set this parameter type ----->>> CONFIGURE DATAFILE BACKUP COPIES FOR DEVICE TYPE DISK TO 4 ; now This parameter can take 4 backup copy of single backup FOR example: if u type RMAN>> backup current control file it takes 4 backup of controlfile; To set default value type:

 CONFIGURE DATAFILE BACKUP COPIES FOR DEVICE TYPE DISK clear;

backup spfile format '/u01/rman/%U','/u01/bbc/%U','/u01/pak/%U','/u01/abc/%U'; <--four backup at a time.

8: CONFIGURE ARCHIVELOG BACKUP COPIES FOR DEVICE TYPE DISK TO 1; # default

To set this parameter type CONFIGURE ARCHIVELOG BACKUP COPIES FOR DEVICE TYPE DISK TO 4; now this parameter can take backup of single archive 4 time;

To set default value type:

 CONFIGURE DATAFILE BACKUP COPIES FOR DEVICE TYPE DISK clear;

9: CONFIGURE CHANNEL DEVICE TYPE DISK MAXPIECESIZE UNLIMITED;

To set this parameter----->>>> CONFIGURE CHANNEL DEVICE TYPE DISK MAXPIECESIZE 500M; This parameter can make's your backup files in 500mb chunks.

To set default value type:

 CONFIGURE MAXSETSIZE CLEAR;

10: For speed up the performance of rman backup; depends upon your core
```
    ALLOCATE CHANNEL c1 DEVICE TYPE DISK;
    ALLOCATE CHANNEL c2 DEVICE TYPE DISK;
    ALLOCATE CHANNEL c3 DEVICE TYPE DISK;
    ALLOCATE CHANNEL c4 DEVICE TYPE DISK;
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11: CONFIGURE DEFAULT DEVICE TYPE TO DISK; # default

 To run this command type:
CONFIGURE DEVICE TYPE DISK BACKUP TYPE TO COMPRESSED   BACKUPSET.
To clear type:
CONFIGURE DEVICE TYPE DISK clear;

12: FOR COMPRRESSED AND UNCOMPREESED BACKUP;

CONFIGURE DEVICE TYPE DISK BACKUP TYPE TO BACKUPSET; # uncompressed

CONFIGURE DEVICE TYPE DISK BACKUP TYPE TO COMPRESSED BACKUPSET;

CONFIGURE DEVICE TYPE sbt BACKUP TYPE TO COMPRESSED BACKUPSET;

13: CONFIGURE CHANNEL DEVICE TYPE DISK MAXPIECESIZE 50M; <----------for making chunks

CONFIGURE CHANNEL DEVICE TYPE DISK MAXPIECESIZE clear;

14: CONFIGURE ENCRYPTION FOR DATABASE OFF; # default for encryption

15: CONFIGURE ENCRYPTION ALGORITHM 'AES128'; # default for encrypted algorithm

16: CONFIGURE ARCHIVELOG DELETION POLICY TO NONE; # default for archive log deletion

17: CONFIGURE ARCHIVELOG DELETION POLICY TO BACKED UP 1 TIMES TO DISK; archive log deletion policy