

Grupo 5

Deyvid Viquez Zavala

Bryan Murillo Rodríguez

Ver si la Base de Datos esta en archive mode o no mediante el siguiente comando

archive log list;

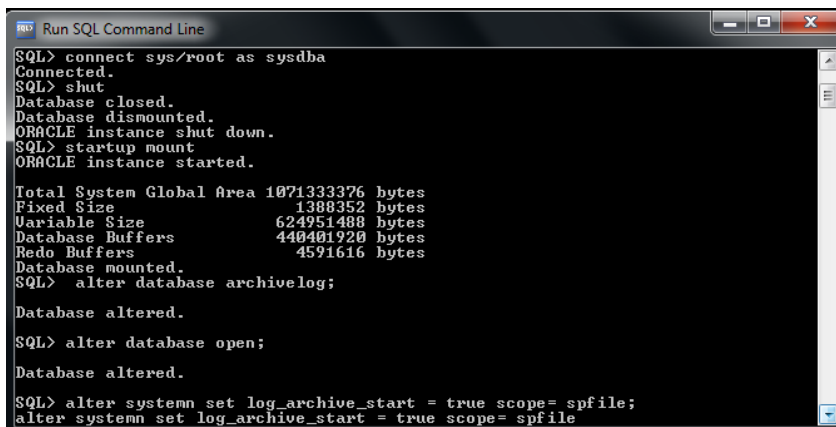
Si no lo esta entonces debemos cambiarlo con los siguientes comandos:

- 1) Primero hacemos **shutdown** de la Base de datos
shutdown;
- 2) Luego levantamos la Base de datos en modo mount
startup mount;
- 3) Cambiamos el archive mode
alter database archivelog;
alter database open;
alter system set log_archive_start = true scope = spfile;
- 4) Bajamos nuevamente la Base de Datos
shutdown;
- 5) Levantamos la Base de Datos
startup;

Ahora verificamos nuevamente que este en archive mode para estar seguros que todo funciono bien

archive log list;

Procedemos



```
Run SQL Command Line
SQL> connect sys/root as sysdba
Connected.
SQL> shut
Database closed.
Database dismounted.
ORACLE instance shut down.
SQL> startup mount
ORACLE instance started.

Total System Global Area 1071333376 bytes
Fixed Size 1388352 bytes
Variable Size 624951488 bytes
Database Buffers 440401920 bytes
Redo Buffers 4591616 bytes
Database mounted.
SQL> alter database archivelog;
Database altered.
SQL> alter database open;
Database altered.
SQL> alter system set log_archive_start = true scope= spfile;
alter system set log_archive_start = true scope= spfile
```

```
Run SQL Command Line
SQL> alter system set log_archive_start = true scope= spfile;
System altered.
SQL> shut
Database closed.
Database dismounted.
ORACLE instance shut down.
SQL> startup
ORA-32004: obsolete or deprecated parameter(s) specified for RDBMS instance
ORACLE instance started.

Total System Global Area 1071333376 bytes
Fixed Size 1388352 bytes
Variable Size 624951488 bytes
Database Buffers 440401920 bytes
Redo Buffers 4591616 bytes
Database mounted.
Database opened.
SQL> archive log list;
Database log mode Archive Mode
Automatic archival Enabled
Archive destination USE_DB_RECOVERY_FILE_DEST
Oldest online log sequence 14
Next log sequence to archive 15
```

Ahora se debe conectar a la base de datos y posteriormente crear un nuevo tablespace.

```
SQL> connect /as sysdba
```

Conectado.

Crear un tablespace

```
SQL> create tablespace nuevo datafile '/database/dba11g/nuevo.dbf' size 2M autoextend on;
```

Tablespace creado.

Crear un usuario para rman y otorgarle los permisos necesarios en este caso connect y recovery catalog

```
Run SQL Command Line
SQL> create tablespace nuevo datafile 'C:\oracle\app\oracle\oradata\XE\nuevo.dbf' size 2M autoextend on;
Tablespace created.
SQL> create user rman identified by rman default tablespace nuevo quota unlimited on nuevo;
User created.
SQL> grant connect to rman;
SP2-0734: unknown command beginning "gran conne..." - rest of line ignored.
SQL> grant connect to rman
SP2-0734: unknown command beginning "gran conne..." - rest of line ignored.
SQL> grant connect to rman
2
;
Grant succeeded.
SQL> grant recovery_catalog_owner to rman;
Grant succeeded.
SQL> _
```

```
SQL> create user rman
```

```
2 identified by rman
```

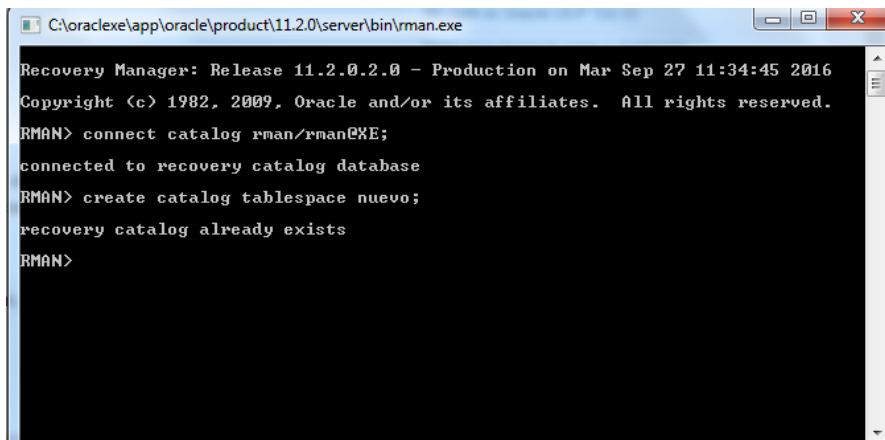
```
3 default tablespace nuevo
```

```
4 quota unlimited on nuevo;
```

```
SQL> grant connect to rman
```

```
SQL> grant recovery_catalog_owner to rman;
```

Ahora en rman se procede a conectarse con el usuario a la base de datos

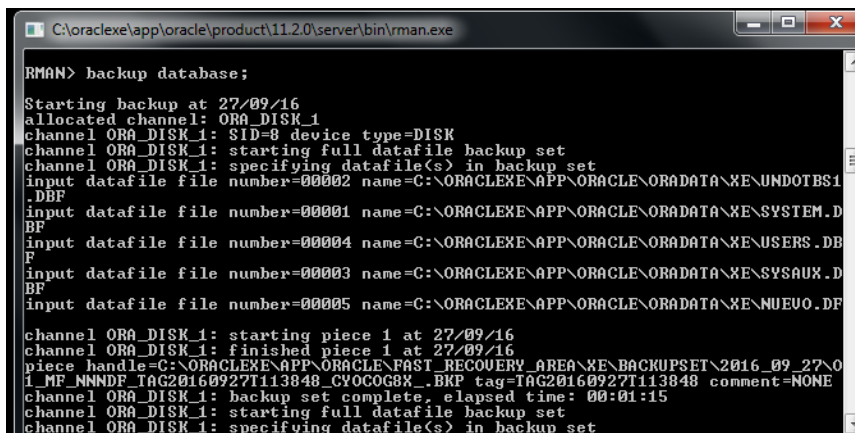


```
C:\oracle\app\oracle\product\11.2.0\server\bin\rman.exe
Recovery Manager: Release 11.2.0.2.0 - Production on Mar Sep 27 11:34:45 2016
Copyright (c) 1982, 2009, Oracle and/or its affiliates. All rights reserved.
RMAN> connect catalog rman/rman@XE;
connected to recovery catalog database
RMAN> create catalog tablespace nuevo;
recovery catalog already exists
RMAN>
```

RMAN> connect catalog rman/rman@XE;

Crear catalogo

El cliente desea un full back up asi que hay que ejecutar el siguiente comando



```
RMAN> backup database;
Starting backup at 27/09/16
allocated channel: ORA_DISK_1
channel ORA_DISK_1: SID=8 device type=DISK
channel ORA_DISK_1: starting full datafile backup set
channel ORA_DISK_1: specifying datafile(s) in backup set
input datafile file number=00002 name=C:\ORACLE\APP\ORACLE\ORADATA\XE\UNDOTBS1.DBF
input datafile file number=00001 name=C:\ORACLE\APP\ORACLE\ORADATA\XE\SYSTEM.DBF
input datafile file number=00004 name=C:\ORACLE\APP\ORACLE\ORADATA\XE\USERS.DBF
input datafile file number=00003 name=C:\ORACLE\APP\ORACLE\ORADATA\XE\SYSAUX.DBF
input datafile file number=00005 name=C:\ORACLE\APP\ORACLE\ORADATA\XE\MUEVO.DBF
channel ORA_DISK_1: starting piece 1 at 27/09/16
channel ORA_DISK_1: finished piece 1 at 27/09/16
piece handle=C:\ORACLE\APP\ORACLE\FAST_RECOVERY_AREA\XE\BACKUPSET\2016_09_27\01_MF_MNNDP_TAG20160927T113848_CVOCOG8X_BKP tag=TAG20160927T113848 comment=NONE
channel ORA_DISK_1: backup set complete, elapsed time: 00:01:15
channel ORA_DISK_1: starting full datafile backup set
channel ORA_DISK_1: specifying datafile(s) in backup set
```

backup database spfile plus archivelog;

Para restaurar se debe trabajar en RMAN y SQL con los siguiente comandos

RMAN> backup as copy database spfile plus archivelog;

RMAN> restore database;

RMAN> recover database;

SQL> connect /as sysdba

SQL> shutdown abort;

SQL> startup nomount;

SQL> alter database mount;

Evidencia

