

DBA LAB ASSIGNMENT 5

NAME : SREENIDHI GANACHARI

REGISTRATION NUMBER : 19BCE7230

1. Write a DBMS query to check out the existing groups.

Command Prompt - sqlplus / as sysdba

```
SQL> SHUTDOWN
ORA-01507: database not mounted

ORACLE instance shut down.
SQL> STARTUP MOUNT;
ORACLE instance started.

Total System Global Area 5133826704 bytes
Fixed Size                  9865872 bytes
Variable Size              956301312 bytes
Database Buffers          4160749568 bytes
Redo Buffers                6909952 bytes
Database mounted.
SQL> select group# , member from v$logfile order by group# , member ;

  GROUP#
-----
MEMBER
-----
         1
G:\APP\DELL\ORADATA\ORCL\REDO01.LOG

         2
G:\APP\DELL\ORADATA\ORCL\REDO02.LOG
```

2. create a new group of redo log files, use the SQL statement ALTER DATABASE with the ADD LOGFILE clause.

Command Prompt - sqlplus / as sysdba

```
SQL> alter database add logfile group 4 ('G:\APP\DELL\ORADATA\ORCL\REDO04.LOG') size 10m;
Database altered.
```

```
SQL> select group# , member from v$logfile order by group# , member ;
```

GROUP#	MEMBER
1	G:\APP\DELL\ORADATA\ORCL\REDO01.LOG
2	G:\APP\DELL\ORADATA\ORCL\REDO02.LOG
3	G:\APP\DELL\ORADATA\ORCL\REDO03.LOG

3. create a new redo log member using the SQL statement ALTER DATABASE with the ADD LOGFILE MEMBER clause.

Command Prompt - sqlplus / as sysdba

```
SQL> alter database add logfile member 'G:\APP\DELL\ORADATA\ORCL\REDO05.LOG' to group 2;
Database altered.
```

```
SQL> select group# , member from v$logfile order by group# , member ;
```

GROUP#	MEMBER
1	G:\APP\DELL\ORADATA\ORCL\REDO01.LOG
2	G:\APP\DELL\ORADATA\ORCL\REDO02.LOG
2	G:\APP\DELL\ORADATA\ORCL\REDO05.LOG

GROUP#	MEMBER
3	G:\APP\DELL\ORADATA\ORCL\REDO03.LOG

4. Run the ALTER SYSTEM statement with the SWITCH LOGFILE clause.

Command Prompt - sqlplus / as sysdba

```
SQL> ALTER DATABASE OPEN;

Database altered.

SQL> alter system switch logfile;

System altered.
```

5. Rename the redo log members.

Command Prompt - sqlplus / as sysdba

```
SQL> alter database rename file 'G:\APP\DELL\ORADATA\ORCL\REDO01.LOG' to 'G:\APP\DELL\ORADATA\REDO01.LOG';

Database altered.

SQL> alter database rename file 'G:\APP\DELL\ORADATA\ORCL\REDO02.LOG' to 'G:\APP\DELL\ORADATA\REDO02.LOG';

Database altered.
```

Command Prompt - sqlplus / as sysdba

```
SQL>
SQL> select group# , member from v$logfile order by group# , member ;

  GROUP#
-----
MEMBER
-----
      1
G:\APP\DELL\ORADATA\REDO01.LOG

      2
G:\APP\DELL\ORADATA\ORCL\REDO05.LOG

      2
G:\APP\DELL\ORADATA\REDO02.LOG

  GROUP#
-----
MEMBER
-----
      3
G:\APP\DELL\ORADATA\ORCL\REDO03.LOG

      4
```

6. drop a redo log any one group

Command Prompt - sqlplus / as sysdba

```
SQL> alter database drop logfile group 3;

Database altered.

SQL> select group# , member from v$logfile order by group# , member ;

   GROUP#
-----
MEMBER
-----
         1
G:\APP\DELL\ORADATA\REDO01.LOG

         2
G:\APP\DELL\ORADATA\ORCL\REDO05.LOG

         2
G:\APP\DELL\ORADATA\REDO02.LOG

   GROUP#
-----
MEMBER
```

7. drop a redo log member

Command Prompt - sqlplus / as sysdba

```
SQL> alter database drop logfile member 'G:\APP\DELL\ORADATA\ORCL\REDO05.L

Database altered.

SQL> select group# , member from v$logfile order by group# , member ;

   GROUP#
-----
MEMBER
-----
         1
G:\APP\DELL\ORADATA\REDO01.LOG

         2
G:\APP\DELL\ORADATA\REDO02.LOG

         4
```

8. Execute all commands form module 3 user management PPT.

```
SQL> create user padma identified by abcd1234;
```

User created.

```
SQL> connect padma/abcd1234
```

ERROR:

ORA-01045: user PADMA lacks CREATE SESSION privilege; logon denied

- a) CREATE USER using the following command
- b) Let's use the sree account to log in the database. Use the following command.
- c) GRANT create session and connect to the user created .

Command Prompt - sqlplus / as sysdba

```
SQL> alter session set "_ORACLE_SCRIPT"=true;
```

Session altered.

```
SQL> create user sree identified by nidhi;
```

User created.

```
SQL> grant create session to sree;
```

Grant succeeded.

```
SQL> connect sree/nidhi;
```

- d) Trying to create a table using user sree
- e) Grant privileges as sys to sree to create a table

```
SQL> connect sree/nidhi;
```

Connected.

```
SQL> create table t1(id number primary key);
```

```
create table t1(id number primary key)
```

*

ERROR at line 1:

ORA-01031: insufficient privileges

```
SQL>
```

```
SQL> grant create table to sree;
```

```
grant create table to sree
```

*

Command Prompt - sqlplus / as sysdba

Microsoft Windows [Version 10.0.19042.1826]

(c) Microsoft Corporation. All rights reserved.

C:\Users\Dell>sqlplus / as sysdba

SQL*Plus: Release 21.0.0.0.0 - Production on Thu Aug 11 17:25:21 2022

Version 21.3.0.0.0

Copyright (c) 1982, 2021, Oracle. All rights reserved.

Connected to:

Oracle Database 21c Enterprise Edition Release 21.0.0.0.0 - Production

Version 21.3.0.0.0

```
SQL> grant create table to sree;
```

Command Prompt - sqlplus / as sysdba

```
SQL> create table t1(id number primary key);  
Table created.  
SQL>
```

```
SQL> select * from session_privs;  
  
PRIVILEGE  
-----  
CREATE SESSION  
CREATE TABLE
```

f) Insert values into table by giving grant to user

```
SQL> insert into t1(id) values(10);  
insert into t1(id) values(10)  
*  
ERROR at line 1:  
ORA-01950: no privileges on tablespace 'USERS'
```

Command Prompt - sqlplus / as sysdba

```
SQL> grant create table to sree with admin option;  
Grant succeeded.
```

```
SQL> alter user sree quota unlimited on users;  
User altered.  
SQL>
```

g) Creating another user ram from sree

```
Session altered.  
SQL> create user ram identified by mohan;  
User created.  
SQL>
```

Command Prompt - sqlplus / as sysdba

```
SQL> grant create session to ram;  
Grant succeeded.  
SQL>
```




```
SQL> grant create table to ram;

Grant succeeded.

SQL>
```

h) Inserting values into table t1 from sree .

 SQL Plus

```
SQL*Plus: Release 21.0.0.0.0 - Production on Thu Aug 11 17:28:46 2022
Version 21.3.0.0.0

Copyright (c) 1982, 2021, Oracle. All rights reserved.

Enter user-name: sree
Enter password:
Last Successful login time: Thu Aug 11 2022 17:23:29 +05:30


Connected to:
Oracle Database 21c Enterprise Edition Release 21.0.0.0.0 - Production
Version 21.3.0.0.0

SQL> grant create table to ram;
grant create table to ram
*
ERROR at line 1:
ORA-01917: user or role 'RAM' does not exist

SQL> insert into t1(id) values(1);

1 row created.

SQL> insert into t1(id) values(2);
```

 SQL Plus

```
SQL*Plus: Release 21.0.0.0.0 - Production on Thu Aug 11 17:34:14 2022
Version 21.3.0.0.0

Copyright (c) 1982, 2021, Oracle. All rights reserved.


Enter user-name: ram
Enter password:

Connected to:
Oracle Database 21c Enterprise Edition Release 21.0.0.0.0 - Production
Version 21.3.0.0.0

SQL> select * from sree.t1;
select * from sree.t1
```

```
SQL> grant select on t1 to ram;

Grant succeeded.
```

 SQL Plus

```
SQL> select * from sree.t1;
```

ID
1
2

```
SQL>
```