7/10/25

TASK 9

BACKING UP AND RECOVERY DATABASE

Aim:- To perform backup and recovery operations in the stack base system by implementing different recovery systems platform following backup and recovery scenarious.

a) Recovering a NO ARCHIVE to a database with backups.

b) Researching the Grieve parameter. lie.

c) Performing recovering with back up and control file.

Scenario: Recovering a NO ARCHIVE database with back ups.

Step1: Backup database

Back up database & mobile phone

to disk= 'D: IDD - Date upto | mobile -fal

with normal format, NOINIT;

Name 11 full Database backup;

SKIP, REWIND, NOUNLOAD, STATIS=10

STEP 2: CREATE INCREMENTAL BACKUP

* Backup database [database-fail] TO DISK= back up -file. back' with informat NOINT, NAME = 'full

Back up database [database-name] TO DISK =
'Incremental - Backup.bak' WITH. DIFFERENTIAL
NO FORMAT, NOINF, NAME = Incremental Database.
Backup; SKIP; REWIND, NOUNLOAD STATS = 10

step-3: Simulate Data Loss

Intentionally delete or modify data.

step-4: Restore Database

Restore Database [database-name] FROM
dfile = 'backup - fple.bak' with Replace

step-5: Apply Incremental backup

Restore Database [database-name] from disk
'Incremental - backup. bak' with. Replace

step-6: Recover database.

Recover database [database-name]

step-7: open database

ALTER DATABASE [database-name] SET ONLINE

Scenario 2: Restoring the server Parameter
     file (SPFILE)

step-1: Backup SPFILE LOSS.

-Delete or modify SPFILE

step-3: Restore SPFILE

START UP NAOUNT

RESTORE SERVER PARAMETER FILE FROM FILE
     'SPFILE. bak';

SHUTDOWN

STARTUP

scenario : 3 Performing Recovery with a Backup
                                        Control file
step:1 : Back up control file
    BACKUP controlfile to file = 'controlfile.bak';
step-2: simulate control file loss
    Delete or modify control file.
step-3: Restore control file
    startup mount
    Restore controlfile from file = 'controlfile.bak';
    Alter control file Revie;
step-4: Recover database.
    Recover database using Backup control file;
step-5:- open database
    Alter database open Reset logs

RMC server commands:
- Back up database
- Restore database
- Recover database
- Alter database
- Backup server Parameter file.
- Restore server parameter file
- Back up control file
- Restore control file

Result :- Thus the implementation of
the backing up and recovering database
executed successfully.