Backing up and Recovery in database

Aim:

To perform backup and recovery operation in the database system by implementing different recovery Scenarious.

perform following backup and recovery:

a) Rencuering a NOARCHIVE LOG database with Backups

b) Restoring the Servo porumeter file

c) performiming Recovery with a Backup control file.

Scenario 1: Recovering a NOARCHIVE LOG data base with Backup.

Step 1: Backup data base:

Backup database Ecommerce
to disk = "D:\DB - Backups \ Ecommerce.Full.back"
With rufcumt, noinit,
Name = "Full Database backups',
Skip, Rewind, noun load, States = 10;

Step 2: Create incrumental Backup.

Backup database Ecommerce.
to disk: 'o'; \DB - Backup st Ecommerce-incremental. bak"
With differential, noformad, noinit,
name = "Incremental database backup',
skip, Rcowlu, noun Load, Stats = 10;

Step: 3: Simulate Data base.

Dolete from orders where ordered = 10;
Cro.

Step 4: Restore full database Backup

Restore database Ecommerce
from disk = 'D:\os_ Backups | Ecommerce.Full.back'
with replace, Stats = 10;

Step 5: Apply incremental Backup.

Restore database E commerce
from DB = "D:\DB-Backups | Ecommerce -In a bak'

Restore database E Commerce with Recovery o.

Step 7: Verify database is online · w.

After database E Commer Set online

Go.

Scenario 2: Resobring the Serve parameter uu,)

Step 1: Backup SpFILE.

Backup Server parameter file to file · D:)os. B SPFILE,

Step 2: Simulate Sp FILE Less

Rename Spfile Ecommerce are spfile ecommercedlau

Step 3: Restore control file

Startt up mount:,

Restore Server Parameter file from file :" D:|DB

- Backups \Ecommerce bak',

Shutdown,

Startt up;

Scenario 3: performing Recovery with a backups Control file.

Step 1: Backup control file

Backup controle file to file = 'DS|DB - Backup|ecommer

Controlfile · bak',

Step 2: Simulate control file loss

del Spfile ecommerce · ora,

Step 3: Restore Control file.

Startup mount:

Restore control file from = D:|DB - Backps\Ecommere

— controlfile. bak'

Alter controlfile Reuse;

Step 4: Recover Database

Recover Database Using backups controlfile';

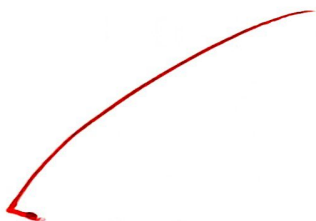**Step 5:** Open database

Alter database open Reset logs;

SQL Serve commands:

- Backups DATABASE
- RESTORE DATABASE
- RESTORE DATABASE
- Alter DATABASE.

Result :

Thus the implementation of the Backing up and recovery in data base executed.