

12-10-25

### Task - 9

#### Backup and Recovery in Databases

Aim: To Perform backup and recovery operations for the Hotel management system Database.

Scenario = 1

Recovering a NOARCHIVELOG Database with Incremental Backup,

1. Backup Database

BACKUP DATABASE HOTELDB TO DISK = 'HOTELDB-full.bak';

2. Create Incremental Backup

BACKUP DATABASE HOTELDB TO DISK = 'HOTELDB-full.bak' WITH DIFFERENTIAL;

3. Simulate Database

(Delete or Modify some records in the Hotel table)

4. Restore Full Backup

RESTORE DATABASE HOTELDB FROM DISK = "HOTELDB-full.bak";  
WITH REPLACE;

5. Apply Incremental Backup

RESTORE DATABASE HOTELDB FROM DISK = "HOTELDB-full.bak";  
WITH REPLACE;

6. Recover Database;

RECOVER DATABASE HOTELDB;

7. Open Database

ALTER DATABASE HOTELDB SET ONLINE;

## Scenario 2:

Restoring the server parameters

### 1. Backup SPFILE

BACKUP SPFILE PARAMETER FILE TO FILE 'SPFILE-hotel.bak';

### 2. Simulate Loss

(Delete or rename the original file)

### 3. Restore SPFILE

STARTUP MOUNT;

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

SHUTDOWN;

STARTUP;

## Scenario 3:

Recovery with a backup control file

### 1. Backup control file

BACKUP CONTROLFILE TO FILE = 'hotel-control.bak';

### 2. Simulate loss

(Delete control file to file or modify control file)

### 3. Restore control file

STARTUP MOUNT;

RESTORE CONTROLFILE FROM FILE = 'hotel-control.bak';

ALTER CONTROLFILE REUSE;

### 4. Recover Database

RECOVER DATABASE USING BACKUP CONTROLFILE;

5) open Database

ALTER DATABASE OPEN RESTLOGS;



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EX NO.	9
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
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Result : Thus, the Backup and Recovery in Database using Hotel management system was successfully created.