

# Backing up and recovery in database

Aims - To perform backup and recovery operations in the database system by implementing different recovery systems.

Platform - following backup and recovery scenarios.

- A) Recovering a NOARCHIVE LOG database with Backup.
- b) Restoring the recovery parameter file.
- c) Performing recovery with backup control file.

Scenario: - 1 Recovering a NOARCHIVE database with backup .fr.

Step 1: Backup database

Backup database to mobile phone.

to disk = 'D:\DD - Backup\1 mobile - full backup

with noformat, noinit.

Name = "Full database backup"

skip, Rewind, noload, stats=10;

Step 2: Create incremental Backup

Backup database mobilephone

to disk z10=100 - Backups \ mobilephone-  
Incremental backup"

with differential, noformat, noinit,  
name = "Incremental database backup",  
skip, rewind, noload, stats=10;

Step 3:- Simulate Data loss

~~Delete~~ from orders where orderid=10;"  
Go

Step 4: Restore full database Backup

Restore database mobilephone

from disk z10=100 - Backups \ mobile-  
full backup",

with replace, stats=10;

Step 5: Apply incremental backup

Restore database mobile phone

from dir = "D:\PB = Backup\ Mobile  
phone - InBackup  
with replace 1 state = b'.

Step 6:- Remove database

Restore database - mobilephone.  
with Recovery.

Step 7:- Verify database is online.

After database - mobile phone.

Online Co.  
Co.

Scenario: 2 - Restoring the same parameter  
file - (space)

Step 1:- Backup spfile.

Backup parameter file

File = "D:\PB Backup\  
mobile - spfile.ora.

Step 2:- Stimulate spfile.

Rename spfile - mobile - or - as pfile  
mobile - old - ora.



Step3:- Restore control file

Startup mount;

Restore server parameter file from

file = "D:\DB-Backup\mobile-  
phone-back;

Shutdown;

Startup;

Scenario:- 3 - performing Recovery.  
with a backup control file

Step1:- Backup control file

Backup control file to file = "D:\DB-  
Backup\mobilephone-control-  
file-back;

Step2:- Simulate control file loss

del \pfile mobilephone-ecr.

Step3:- Restore control file

Startup mount.

Restore control file from file = "D:\DB-  
Backup\mobilephone-control"

Backup\mobilephone-control"

file -back " ;

Alter Control file Reuse!

Step4:- Reuse Database

Recover database using backup.  
control file;

Steps:- open database

Alter database open Reset logs:

for below commands

\* Backup Database

\* Restore Database

\* Recover Database

\* Alter Database

VEL TECH	
EX NO.	9
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	
TOTAL (20)	15
SIGN WITH DATE	

Result:-

Thus the Implementation of the  
Rolling up and Recovery in database  
executed successfully.