

Backing up & Recovery in databases

Scenario 1: Recovering a NOARCHIVELOG Database with Incremental backup

Step 1: Backup database.

Backup database [database-name] To Disk = 'backup-file.bak' with  
NORECOVERY, FULL 'database Backup', SKIP, REWIND, NOUNLOAD, STATS=10

Step 2: Create Incremental backup.

Backup database = incremental-backup.bak.

Name = Incremental database backup, Skip, Rewind, Noload, Stats=10

Step 3: Simulate data loss.

- Intentionally delete or modify data

Step 4: Restore database.

Restore database [database-name] From DISK = 'backup-file.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;

Step 2: Restoring the Server parameter file:

Step 1: Backup SPFILE

Backup Server parameter file to file = 'SPfile.bak';

Step 2: Simulate SPFILE loss

Delete or modify SPFILE.

Step 3:- Restore SPFILE

Startup mount

Shut Down

Startup.

Scenarios: Performing Recovery with a Backup Control file

Step 1: \* Backup Control file.

Backup Control file to file = 'Controlfile.bak';

Step 2: Delete or modify Control file.

Step 3: \* Recovery database

=) Recovery database using backup Control file;

Step 4: \* open database.

Alter Database Lift Ruse;

Step 5: \* Some Commands

→ Backup Database

→ Restore Database.

→ Alter database.

→ Restore Server parameter file.

→ Restore Control file.

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

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EX No.	
PERFORMANCE (5)	
RESULT AND ANALYSIS (5)	
VIVA VOCE (5)	
RECORD (5)	
TOTAL (20)	
SIGN WITH DATE	

Result:-

This is the backing up & recovery in databases one.  
Successfully completed.