

Task - 9

Backing up and Recovery in Database

Scenario 1: Recovering a NOARCHIVELOG DB
with incremental Backups.

Backup Database

Database [DB-name] To Disk = "backup-file"
With NOFORMAT, NOINIT, Name = 'Full Database'
, SKIP, REWIND, NowLOAD

Create incremental Backup

Database [DB-name] To Disk = "increment-backup"
With Differential, No formal, NOINIT,
'Incremental Database backup';

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3: Simulate Data loss
tional Delete

Restore Database

Restore Database [Database-Name] with
File

5: Apply Incremental Backup

Restore Database [DB-Name] = "incremental.Bak" with
File

6: Recover DB

Recover Database

Step 7: Open Database

Alter Database

```
> db.mylab.find({},{item:1,qty:1}).pretty()
{
  "_id" : ObjectId("627d13acc73990c074e6397c"),
  "item" : "canvas",
  "qty" : 100
}
{
  "_id" : ObjectId("627d1598c73990c074e6397d"),
  "item" : "journal",
  "qty" : 25
}
{
  "_id" : ObjectId("627d1598c73990c074e6397e"),
  "item" : "mat",
  "qty" : 85
}
{
  "_id" : ObjectId("627d1598c73990c074e6397f"),
  "item" : "mousepad",
  "qty" : 25}
```

json



```
{ "_id" : ObjectId("627d13acc  
73990c074e6397c"), "item" :  
"canvas", "qty" : 100, "tags" :  
[ "cotton" ], "size" : { "h" :  
28, "w" : 35.5, "uom" : "cm" } }
```

Scenario 2: Restoring the server parameter file.

Step 1: Backup SPFILE

Backup Server Parameter File to file = 'spfile.bak';

Step 2: SIMULATE SPFILE

Step 3: Restore SPFILE

Startup MOUNT

Restore Server parameter File from file = 'spfile.bak'

Shutdown

Startup

Scenarios: Performing Recovery with backup control file

Step 1: Backup control file

Backup control file to file = 'controlfile.bak';

Step 2: Simulate control file Loss

- Delete control file

Step 3: Restore control file

Startup MOUNT

Restore control file from file = 'controlfile.bak';

ALTER control file REUSE

Step 4: Recover Database

Recover DB using Backup control file:

Step 5: Open Database

Alter Database open RESET LOGS;

Result: Thus, the Backing up is Executed successfully.

VEL TECH - CSE	
EX NO.	9
PERFORMANCE	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	5
GRADE (20)	20
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