

10/10

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.
h NOFORMAT, NOINIT, Name = 'Full Database

SKIP, REWIND, NOWAIT

Create incremental Backup

Database [DB-name] To Disk = "incremental-backup
h Differential, NOFORMAT, NOINIT,
'Incremental Database backup',

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3: Simulate Data loss
tional Delete

1: Restore Database

re Database [Database-Name] with
ce

5: Apply Incremental Backup

ore Database [DB-Name] = "incremental.Bak" with
place

26: Recover DB

Recover Database

Step 7: Open Database

Alter Database

```
> db.mylab.find({},
{item:1,qty:1}).pretty()
{
  "_id" : ObjectId("627d13acc73990c
074e6397c"),
  "item" : "canvas",
  "qty" : 100
}
{
  "_id" : ObjectId("627d1598c73990c
074e6397d"),
  "item" : "journal",
  "qty" : 25
}
{ "_id" : ObjectId("627d1598c739
90c074e6397e"), "item" : "mat",
"qty" : 85 }
{
  "_id" : ObjectId("627d1598c
73990c074e6397f"), "item" :
"mousepad", "qty" : 25}
```


json



```
{ "_id" : ObjectId("627d13acc73990c074e6397c"), "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

scenario 3: Performing Recovery with backup control file

step 1: Backup control file

Backup control file to file = 'control file. Bak';

step 2: simulate control file Loss

- Delete control file

step 3: Restore control file

startup MOUNT

Restore control file from file = 'control file. Bak';

ALTER control file REUSE

step 4: Recover Database

Recover DB using Backup control file:

steps: open Database

Alter Database open RESET LOGS;

Result: Thus, the Backing up is Executed successfully.

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PERFORMANCE	
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RECORD (5)	5
TOTAL (20)	20
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