Oracle Backup Interview Questions for Experienced Pdf

Question: 1

What is instance recovery?

Instance recovery is used in Real Application cluster (RAC) environment only.

It occurs in an open database when one instance detects that another instance has crashed.

Question: 2

What is complete recovery?

Complete recovery uses redo data or incremental backups combined with a backup of a database, datafile or tablespace to update it to the most current point in time.

Oracle applies all the redo changes contained in the archived and online logs to the backup.

During a complete recovery, all the changes made to the restored file since the time of the backup are redone.

Question: 3

What is full backup?

A full backup is a backup of all the datafiles, control files and SPFILE.

A full backup can be made with RMAN or the operating system commands while the database is open or closed.

As a rule, you must perform full backup, if your database is not running in the archiving log mode.

Question: 4

What is a recovery catalog?

Recovery catalog is an inventory of the backup taken by RMAN for the database.

It is used to restore a physical backup, reconstruct it, and make it available to the Oracle server.

What are channels?

RMAN process uses channel to communicate with I/O devices.

You can control the type of I/O device, parallelism, number of files and size of files by allocating channels.

What is the difference between incremental backup and differential backup?

Both, incremental and differential backup files that have been modified or created after the previous backup.

However, attributes are reset after the incremental backup but not after the differential backup.

Can you take online backup of a control file?

Yes, by using the following statement:

Alter database backup controlfile to '<location>' or trace.

Can you backup the online redo log files?

We cannot backup the online redo logs; however online redo logs are protected by multiplexing and optionally by archiving.

What is logical backup?

Logical backup is a process of extracting data in the form of SQL statements, where it is useful to recover in case the objects are lost.

The main drawback of using this backup is that MEAN TIME TO RECOVER is high.

Question: 10

Which tools can you use for full backup?

You can use either the operating system utilities or the RMAN utility for full backup.

However, Oracle recommends the use of RMAN utility.