**Interview Questions**

**COMMVAULT**

1. Let us know what are the other different ways of doing High availability?

**ANS.** We can do the following:

1. Clustering SQL level

2. Log shipping

3. SQL mirroring

2. What are the features of Commvault?

**ANS.** 1. The commvault software is entitled to deliver access, protection and sharing of the data in a reliable and in a secure connection.

2. It provides enhanced productivity which has secure file sync system

3. It reduces the risk of data loss with the help of backup software

4. Using this software, it can reduce the cost of protecting remote and mobile data

5. One can access the data from anywhere

3. Explain the process of moving the DDB to the new media agent?

**ANS.** The following is the process of moving the DDB to the new media agent:

1. Right-click on the mount path option

2. Click on share mount path option

3. Point it towards the new Media agent

4. Set the default mount path

5. Tape library configures and change the data path.

4. What are the common/regular backup failures that one experiences most of the time?

**ANS.** Some of the common or more frequent backup issues that are reported as follows:

1. Network communication issues

2. Client services might be shut down for maintenance

3. Media agent offline

4. Destination disk library full

5. Data path offline

6. VSS snapshot backup failure

5. Explain what is a hash algorithm?

**ANS.** The hash algorithm is an algorithm which is applied to a specific set of data where the data is read from the client machine and a unique signature is generated which is used to execute the deduplication process.

6. Explain what is Transport mode SAN in detail?

Within this mode:

**ANS.** 1.SAN model is actually directly connected to a storage system and it is supported.

2.The virtual server agent will come into the picture which will have access to the storage system

3.Once the data is read from the storage it will remain in Vmware's.

4.The ESX host is only connected or coordinates the access to the LUN.

7. What is a Storage Policy?

**ANS.** Storage associates the client Backup to storage Disk or Tape Lib. In that copy policy is used to set Retention.  
A storage policy is a data management entity with a set of rules that describe the lifecycle management of protected data in the Subclient’s content. It manages the Subclient’s data even when it stays on other servers in Commcell.

The set of rules includes how to manage data, protect data, where it will reside, and other management options such as compression, encryption, and deduplication of data in protected storage.

Below mentioned are the different types of storage policies:

1.Standard

2.Incremental

3.Disaster recovery backup

8. What are the types of Copies and what are they?

**ANS.** There can be only one Primary Copy and Different types of AUXILARY/SECONDARY. The types of copies are.

**1.Selective Copy**: A selective copy allows you to copy specific full backup jobs from a source copy, the source copy can be either a primary or a synchronous copy. Selective copy facilitates better tape rotation.

**2.Inline copy:** Here Both Primary and Secondary copy are written to storage during Backup Phase itself. Incase if the secondary storage doesn't have enough space then backup will fail.

**3.Synchronous copy:** In synchronous copy all data of primary is copied.

8. What is Commvault?

**ANS.** Commvault is a data management platform that assists organizations with data backup and recovery, cloud, virtualization, disaster recovery, security, and compliance.

Commvault software consists of modules to backup, restore, archive, replicate, and search data.

9. What is Commvault Simpana?

**ANS.** Simpana is one of the features of Commvault’s enterprise backup software platform that is specially designed for backup, archive, and reporting data. Simpana is the new version of the Deduplication process introduced by Commvault.

10. What is the main difference between a Snapshot and a Clone?

**ANS.** Cloning is nothing but making a copy of something while a snapshot makes an initial copy and then makes subsequent changes to it. Both cloning and snapshot are considered to be good approaches for disaster recovery.

11. What is DDB seeding?

**ANS.** DDB seeding is a predefined workflow that allows transferring initial baseline backup among two sites using a removable disk drive.

12. What is ContinuousDataReplicator (CDR)?

**ANS.** ContinuousDataReplicator (CDR) replicates data from source to destination. It provides data protection and recovery support for all types of data including application data and file system.

13. List out all the day-to-day activities of a backup admin.

**ANS.** First thing first, the backup admin will have to monitor whether all the scheduled jobs are running as per they are designated. If not, then they have to go through the jobs and understand the fault and rectify the same.

Further, they have to involve themselves with some of the following health checkups:

Have to check for Media agent so that they are not in offline mode

Have to make sure to regularly check the free space or the remaining space that is available in the disk libraries

Extract a backup report which is failed and analyze the same so that the rectification process can be continued.

Check regularly for deployment, decommissions, restores requests within the reporting tool.

14. Please explain the infrastructure that you have worked on previously.

**ANS.** This should be an honest reply back to the interviewer because this is a real-time question that can be answered based on the experience available.

15. How to access reports in Commvault?

**ANS.** You can access reports through the cloud services portal and web console.