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Q&A

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Exam : **251-521**

Title : Design of DP Solutions for
Windows using NBU 5.0

Version : DEMO

1. A system administrator has communicated an interest in using the NetBackup FlashBackup feature of the

Advanced Client. What key technical information must you gather in order to know whether this feature would be appropriate?

- A.number of files on the file system
- B.frequency of backups needed
- C.density of the tapes being used for backups
- D.age of the files on the file system

Answer:A

2. Your environment consists of several NetBackup 5.0 domains as well as Backup Exec 9.1 and 8.6 servers. You

want to monitor all backup operations from a single console.

Which product will allow this?

- A.Data Lifecycle Manager
- B.Remote Administration Console
- C.Global Data Manager
- D.Advanced Reporter

Answer:C

3. You must design a data protection solution for a large number of Windows 2003 servers configured as NetBackup clients. Security is a high priority.

Which two items must be protected in order to preserve security configurations in the event of a disaster? (Choose two)

- A.Active Directory
- B.DHCP servers
- C.routing servers
- D.certificate servers

Answer:AD

4. What are three factors to consider when planning a highly available NetBackup environment? (Choose three.)

- A.Is there more than one switch in your network environment?
- B.How many people are being cross-trained as NetBackup Administrators?
- C.Is the master server in a supported high availability configuration?
- D.Is there more than one backup window per night?

Answer: ABC

5. What effect does a multiplex backup have on the restore time of a single file?

- A.increases file seek time on tape
- B.decreases catalog overhead
- C.increases multistreaming overhead
- D.decreases tape mount time

Answer:A

6. You are determining the scope of a data protection solution. You have already analyzed preferences and deadlines.

Which two other items must be analyzed before you can provide a solution? (Choose two.)

- A.information in the SLA
- B.network infrastructure
- C.number of employees
- D.number of tapes purchased

Answer:AB

7. You want to evaluate an environment for a NetBackup 5.0 implementation. You are already aware of which

servers will be the master and media servers and which agents will be used.

What else do you determine in order to provide the proper installation requirements for NetBackup?

- A.Is Name Resolution functioning properly?
- B.Is every client present in the master server hosts file?
- C.Is the root partition on the master server mirrored?
- D.Is mySQL installed?

Answer:A

8. Which three items are considered in a Data Protection design? (Choose three.)

- A.company hardware standards
- B.the type of cabling used for networks and SAN
- C.data throughput speeds over networks and SAN
- D.business requirements for recovery point and time

Answer: ACD

9. When determining the required backup performance of a Data Protection design, which three items should be

determined? (Choose three.)

- A.media server backup performance
- B.network and SAN data rates
- C.capacity of tape media
- D.client backup windows

Answer: ABD

10. Which three items are optional considerations in a Data Protection design? (Choose three.)

- A.using supported server platforms
- B.using agents for databases
- C.using mirror snapshots for backups
- D.using a private backup network

Answer: BCD

11. You have analyzed the current configuration of a data protection environment. You now need to determine

your expectations for future growth.

Which type of analysis do you perform?

A.Gap analysis

B.Storage Checkpoint analysis

C.GANTT chart analysis

D.PERT chart analysis

Answer:A

12. Human Resources has three servers being backed up in a NetBackup 5.0 environment with a requirement to be

able to perform full server restores from any particular day going back three weeks.

Given the following environment standards:

Full backups are performed every other Friday.

Cumulative incremental backups are performed on all other days.

What are the minimum retention levels you should configure?

A.Full: two weeks Incremental: three weeks

B.Full: three weeks Incremental: one week

C.Full: four weeks Incremental: three weeks

D.Full: two months Incremental: three weeks

Answer: C

13. You currently administer a NetBackup 5.0 environment with a single master/media server backing up

network clients through 1-gigabit Ethernet. A tape library is attached to this system through a Fibre Channel SAN.

Backups jobs are currently completing within your backup window, though there is little time to spare.

After

performing an analysis, you determine that you are maximizing your Ethernet usage, but your tape drives are only

running at about half their rated capacity. Backups are performed at night on the public Ethernet when usage is

virtually nonexistent.

You are told that two new systems are being added to your environment with 4 TB of data each. These systems

must be backed up within the same backup window.

What are three ways to help accomplish this? (Choose three.)

A.set up another committed media server and share the tape drives through SSO on the SAN

B.add a second gigabit card to the master/media server for the new servers to back up across

C.make the two new large systems SAN media servers and share the tape drives through SSO on the SAN

D.create a 1-gigabit private network for all clients to back up across and stop using the public network altogether

Answer: ABC

14. A new file server is being added to your NetBackup 5.0 environment. It is being used to store 1-GB "product" data files for the marketing department. The marketing department already has 5,000 product data files in place (5 TB of total disk space) and expects to add about 500 product files per week for the next 30 weeks. After files are added they are never edited or modified. You have an SLA with Marketing that you will perform a full backup every Saturday, and the backup must be performed between 12:01 a.m. Saturday and Noon Sunday (a 36-hour window)

Given this, what is the minimum network bandwidth you need to handle the full backup?

- A. teamed 1-gigabit (168 MB/s)
- B. single 1-gigabit (84 MB/s)
- C. 100 base T (8.4 MB/s)
- D. 10 base T (0.8 MB/s)

Answer:A

15. Your current NetBackup environment uses a tape library capable of holding 500 tapes. Each tape is capable of holding 40 GB of data. You are putting in a new library with modern drives capable of holding 300 GB each. You want to have twice the total capacity of your old library to meet future growth. What is the minimum number of tape slots you will need in your new library?

- A. 80
- B. 110
- C. 140
- D. 170

Answer: C

16. You have a Microsoft Windows 2003 client, which you want to add to the NetBackup domain. You do not use VSP or NetBackup database options (for example, MSSQL, Exchange, Oracle, and so on) on this client. What would be the impact to downtime?

- A. There will be two reboots required: one reboot to load the VERITAS installer and one reboot for NetBackup installation.
- B. There is no need for a reboot for NetBackup to be properly installed.
- C. There will be one reboot to load the VERITAS installer, but NetBackup will not require a separate reboot.
- D. There will be a need for one reboot for NetBackup to be properly installed.

Answer: B

17. The current NetBackup environment has grown to the point where catalog backups can no longer fit on one tape.

Which two methods resolve this issue? (Choose two.)

- A.back up the catalog using multistaged backup
- B.compress the catalog
- C.stop backing up the catalog
- D.compress the catalog with gzip

Answer:AB

18. Your current environment consists of one master server, four media servers and five hundred clients. Your company has planned to add an additional datacenter with the capacity of housing an additional 1,000 clients.

Which three things are considered when planning the expansion of your backup environment? (Choose three.)

- A.the operating system version of clients
- B.SAN infrastructure available
- C.cooling capacity of new datacenter
- D.network connectivity between the datacenters

Answer: ABD

19. Recovery Time Objectives address which element?

- A.Databases must be recovered to the last fully committed transaction.
- B.Cold database backups must be performed every day.
- C.The data in different applications may have different recovery requirements.
- D.Flat file and database data are to be treated the same in terms of importance.

Answer: C

20. You have already designed a proposed solution for a department's data protection requirements. Now you want to validate the design with the department.

Which change in the department's environment affects your design the most?

- A.increased server memory capacity
- B.upgrade the Master Server
- C.increased distance between clients and servers
- D.a dedicated backup network

Answer: D