HP

Exam HP0-J63

Designing HP Backup Solutions

Version: 6.2

[Total Questions: 59]

Topic 1, case Study

An enterprise customer has its main office in New York and branch offices in Dublin and London. The VPN connectivity between each of the offices. The characteristics of each office arc described in the following table.

	Internet Bandwidth	Current Data Usage	Current Data Growth Per Year	Primary Operating System
New York	100 Mb	150 TB	25%	Windows Server
Dublin	25 Mb	50 TB	20%	Windows Server
London	50 Mb	75 TB	20%	HP-UX

A cloud-based backup solution performs backups in a continuous cycle A single individual at each office is responsible to ensure that the backup jobs complete successfully. However, there are no automated reports or verification of successful backups each day.

Requirements

You need to design a new backup strategy that meets the following customer requirements:

- Data that is identified as critical data must nave physically separate backups of the original data.
- Non critical data must use a minimum amount of storage capacity.
- Each office must contain a local copy of the backup data.
- Each office must contain a local copy of the backup data from all three offices.
- The Storage capacity for the archived data must be minimized.
- The amount of bandwidth that is used for backup jobs must be minimized.
- All backup data must be encrypted at the highest available level.
- The performance impact on the data storage must be minimized during the backup window.
- The full cost of the solution must be calculated and presented before implementation.

Question No : 1 - (Topic 1)

What should the customer use for non-critical backups?

A. data deduplication
B. snapclones
C. remote replication
D. snapshots

Answer: A

Question No : 2 - (Topic 1)

Which value should you include in the financial presentation to the customer?

A. return on investment (ROI)
B. Converged Infrastructure Maturity Model (CI-MM) stage
C. net present value (NPV)
D. total cost ownership (TCO)

Answer: A

Question No : 3 - (Topic 1)

What is the customer most likely to experience by using the existing backup strategy?

A. high bandwidth use
B. quick restore times
C. high backup efficiency
D. decreased media costs

Answer: A

Question No : 4 - (Topic 1)

Which benefits would the customer realize after implementing the new solution, compared to the existing solution? (Select two.)

A. reliable backups
B. reduced cooling costs
C. scheduled archives
D. reduced maintenance
E. reduced power costs

Answer: A,C

Question No : 5 - (Topic 1)

What should the customer use for critical data?

A. data deduplication
B. remote replication
C. snapclones
D. snapshots

Answer: B

Question No : 6 - (Topic 1)

In three years how much storage capacity will the New York office require, per quarter, for archived data?

A. 275 TB
B. 350 TB
C. 425 TB
D. 500 TB

Answer: D

Question No : 7 - (Topic 1)

Which encryption type with HP Data Protector best fits the customer's needs?

A. DES
B. SHA1
C. AES
D. 3DES

Answer: C

Topic 2, Multiple Choice Questions

Question No : 8 - (Topic 2)

A small business with multiple locations is designing a new backup strategy. After

performing an initial full backup, the company wants to send only incremental backups to a NAS share that tracks the incremental backups and returns the proper data during restores. When each incremental backup is made, the company plans to send it to tape and then restructure the tapes as necessary.

Which backup technique should they use?

A. change block tracking
B. block level incremental
C. multilevel incremental
D. incremental forever

Answer: D

Explanation: Explanation/Reference:
http://en.wikipedia.org/wiki/Incremental_backup

Incrementals forever
This style is similar to the Synthetic backup concept. After an initial full backup, only the incremental backups are sent to a centralized backup server. This server keeps track of all the incrementals and sends the proper data back to the server during restores. This can be implemented by sending each incremental directly to tape as it is taken and then refactoring the tapes as necessary. If enough disk space is available, an online mirror can be maintained along with previous incremental changes so that the current or older versions of the systems being backed up can be restored. This is a suitable method in case of banking systems.

Question No : 9 - (Topic 2)

Which benefit does zoning provide for a customer who uses multi-hosted tape devices?

A. increased backup speeds
B. reduced troubleshooting time
C. increased compression ratio
D. reduced response times

Answer: B