

hp

HPE0-V17
Creating HPE Data Protection Solutions



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Product Version

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Question: 1

Refer to the exhibit.

Your customer is sending backup jobs to an HPE StoreOnce backup target. They notice big differences on the deduplication and replication ratios between two jobs on consecutive days. The same type of data was backed up on both occasions

Saturday backup:

Backup job: Bitcon VM backup (Full)							
Created by BITCON\administrator at 29/10/2013 12:39:40.							
Saturday 15 February 2020 23:30:00							
Success	6	Start time	23:30:00	Total size	600 GB	Backup size	216.5 GB
Warning	0	End time	0:49:48 (+1)	Data read	367.9 GB	Dedupe	1.8x
Error	0	Duration	1:19:48	Transferred	218.4 GB	Compression	1.6x

Sunday backup:

Backup job: Bitcon VM backup							
Created by BITCON\administrator at 29/10/2013 12:39:40.							
Sunday 16 February 2020 23:30:14							
Success	6	Start time	23:30:14	Total size	600 GB	Backup size	6.5 GB
Warning	0	End time	23:48:13	Data read	29.1 GB	Dedupe	1.0x
Error	0	Duration	0:17:59	Transferred	6.5 GB	Compression	2.6x

is this a correct statement about the differences between the two backups?

Solution: Deduplication is completely dependent on the type of user data being sent to the backup application. This result means the users have created more duplicate data on Saturday compared to Sunday.

- A. Yes
- B. No

Answer: A

Question: 2

Your customer contacts you to optimize their current data protection solution due to changing requirements.

The current solution is based on Commvault making backups to HPE StoreOnce appliances with VTL virtual Tape Library

The backup rotation is set to the following schema:

- Daily backup with a retention of 10 days
- Weekly backup with a retention of 2 months
- Monthly backup with a retention of 1 year

Customer requirements changed a week later, stating that the current retention schema should be

revised

- Implementation of 3-2-1 best practices
- Retention of monthly data for 3 years

is this a possible solution to fulfill all customer requirements?

Solution: Create a copy job from the monthly backup data on the HPE StoreOnce appliance towards HPE Cloud Bank storage with a retention of 3 years.

- A. Yes
- B. No

Answer: B

Question: 3

The customer currently has one HPE 3PAR and two Nimble storage arrays connected via Fibre Channel (FC) to 12 HPE OL380 servers running VMware

They make backups with Commvault to HPE StoreEver tape libraries. They also make snapshots inside the storage array, to lower RTO and RPO.

They store the snapshots on the array itself, and fear that they might be vulnerable to array failures. They want to maintain their low RTO and RPO objectives while storing data outside the array. Is this a valid option for the customer?

Solution: Use HPE InfoSight for autonomous data protection, storing data on multiple arrays based on predictive analytics defined policies

- A. Yes
- B. No

Answer: A

Question: 4

You are optimizing the design of an existing data protection solution. The customer is using the following systems in their environment

- HPE OL380 Gen8/9/I0 servers
- HPE Nimble AF60
- HPE StoreEver MSL6030 tape library with LT04 drives
- HPE FlexFabric 5900 switches for LAN and SAN connectivity (iSCSI based)
- VMware ESXi 6.5
- Windows 2016
- Veeam 9.5U2

You want to replace the aging tape library with a new HPE StoreOnce 5650 solution with VTL virtual tape library and Catalyst targets with HPE Nimble snapshot integration. Is this what you should use to assess current backup deployment?

Solution: Use Veeam Platform Support to validate that the currently-used Veeam software products

support HPE Nimble snapshot integration

- A. Yes
- B. No

Answer: B

Question: 5

You are optimizing the design of an existing data protection solution. The customer is using the following systems in their environment

- HPE DL380 Gen9/10 servers
- HPE Nimble AF60
- HPE StoreEver MSL6030 tape library with LT04 drives
- HPE FlexFabric 5900 switches for LAN and SAN connectivity (iSCSI based)
- VMware ESXi 6.5
- Windows 2016
- Veeam 9.5U2

You want to replace the aging tape library with a new HPE StoreOnce 5650 solution with VTL virtual tape library and Catalyst targets with HPE Nimble snapshot integration

Is this what you should use to assess current backup deployment?

Solution: Use HPE Info Sight to validate that the current HPE Nimble storage array is running the correct Nimble OS version to support storage integration with the used VMware ESXi

- A. Yes
- B. No

Answer: A

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