

HPE0-S57^{Q&As}

Designing HPE Hybrid IT Solutions

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QUESTION 1

A customer is a cloud provider who needs a new storage array. They want a solution that has built-in multi-tenancy features. Why should you propose HPE 3PAR StoreServ to the customer?

- A. It divides controller nodes into groups for multiple tenants.
- B. It includes the virtual domains feature as part of all-inclusive licensing.
- C. It divides drives into separate pools for multiple tenants.
- D. It includes the NPARs feature for physical separation of the array into tenant areas.

Correct Answer: B

Reference: <https://h20195.www2.hpe.com/v2/getpdf.aspx/4aa3-3516enw.pdf>

QUESTION 2

A customer needs a VMware Horizon VDI solution with accelerated GPU support. They need the highest density GPU solution available. Which solution should you recommend?

- A. HPE WS460c Gen9 Graphics Server Blade with graphics expansion
- B. HPE Apollo r2600 with RCM Module
- C. HPE Synergy SY 480 with multi-MXM expansion module
- D. HPE DL360 Gen10 with primary GPU riser

Correct Answer: C

Reference: https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00006274en_us

QUESTION 3

Refer to the exhibit.



You are presenting an HPE SimpliVity solution to a customer. When looking at the hardware details, the customer asks about the connectivity options at the back of the HPE SimpliVity node. Which answer should you give about the port

highlighted in the exhibit?

- A. This port is used for the Federation traffic between the HPE SimpliVity nodes.
- B. This port is the iLO port and should be connected to the management network.
- C. This port is used for diagnostics and should not be used for daily operations.
- D. This port is used for the Storage network and should be connected to the dedicated storage network switches.

Correct Answer: C

Reference: http://h20628.www2.hp.com/km-ext/kmcsdirect/emr_na-a00038438en_us-1.pdf

QUESTION 4

A customer is running a virtualized application with the data stored on their server's local storage. As the storage space is getting full, they are looking into a new storage system. Their IT generalist would like to use a single management interface for the new solution.

Which solution should you recommend to the customer?

- A. HPE Nimble HF20
- B. HPE MSA 2052
- C. HPE SimpliVity 380
- D. HPE 3PAR StoreServ 8400

Correct Answer: C

Reference: <https://h20195.www2.hpe.com/v2/getpdf.aspx/c04199812.pdf>

QUESTION 5

A customer is looking to replace their aging data center networking infrastructure with an agile, software-defined solution that will enable them to ensure that their mission-critical applications can always get the bandwidth they need. Which HPE solution should you recommend?

- A. StoreFabric
- B. Image Streamer
- C. OfficeConnect
- D. Composable Fabric Manager

Correct Answer: D

QUESTION 6

A customer has the following design requirements:

1.

Support for 16Gb Fibre Channel

2.

All SAN elements must be managed by the SAN team

3.

All SAN elements need to be managed by the existing tools

Which component must be included in the design to meet the customer's requirements?

- A. HPE Virtual Connect SE 16Gb FC Module for HPE Synergy
- B. HPE Virtual Connect SE 40Gb FC Module for HPE Synergy
- C. HPE Synergy 8Gb FC License Upgrade
- D. Brocade 16Gb Fibre Channel SAN Switch Module for HPE Synergy

Correct Answer: D

Reference: <https://h20195.www2.hpe.com/v2/GetPDF.aspx/c04790440.pdf>

QUESTION 7

A customer is looking to better manage their HPE Synergy-based VMware environment. Which VMware extension will reveal critical trends in their environment?

- A. HPE OneView for VMware vCenter
- B. HPE OneView for VMware vRealize Operations
- C. HPE OneView for VMware Operations Manager
- D. HPE OneView for VMware vCenter Log Insight

Correct Answer: B

Reference: <https://www.hpe.com/no/en/product-catalog/detail/pip.4152978.html>

QUESTION 8

A customer requires a new backup solution for their VMware and Hyper-V environment, stored on a 3PAR 8400. They request a solution that will move the backup data across their storage network and allow for copying backup data to 3rd party cloud providers.

Which two components should you recommend? (Choose two.)

- A. HPE StoreOnce 3640 with Catalyst
- B. HPE Recovery Manager Central
- C. Veeam Backup and Replication
- D. Microsoft Data Protection Manager
- E. Microsoft Storage Spaces Direct

Correct Answer: AC

QUESTION 9

You are designing a solution for a data-intensive application running on a ProLiant DL380 Gen10 server, where performance will be critical. Which tool should you use to validate that your design meets the workload requirements?

- A. HPE Server Memory Configurator
- B. HPE Storage Sizer
- C. HPE Solid-State Drive Selector Tool
- D. HPE InfoSight

Correct Answer: C

QUESTION 10

A large print shop customer is looking for a new SAN for their VMware cluster that is also able to directly provide file shares for their Apple Mac OS X desktops. Which tool should you use to determine which SANs will natively support the customer's need?

- A. HPE Product Bulletin
- B. HPE One Config Advanced
- C. HPE Assessment Foundry
- D. HPE Single Point of Connectivity Knowledge

Correct Answer: D

QUESTION 11

You are offering a startup service of StoreOnce 3620 to a customer. Which customer need will require an additional Pointnext service?

- A. installation of hardware to the rack
- B. creation of the installation plan
- C. setup and demonstration of the configuration to one host
- D. integration of StoreOnce and a backup ISV application

Correct Answer: D

Protect your business beyond warranty with HPE Support Services HPE Pointnext Services delivers confidence, reduces risk and helps customers realize agility and stability. Our integrated portfolio of Services for storage help customers reduce costs, optimize data, streamline storage management, and improve backup and recovery. Reference: <http://4rgroup.com/sanpham/product-doc/HPE-StoreOnce-Systems.pdf>

QUESTION 12

While discussing data reduction technologies, a customer is concerned their data may not compress or deduplicate well.

Which tools should you use to read actual customer data and assess the amount of data reduction savings they may achieve? (Choose two.)

- A. NinjaCrawler
- B. Nimble Space Savings Estimator
- C. NinjaSTARS for Nimble
- D. NinjaSTARS

Correct Answer: BD

QUESTION 13

A customer is purchasing a full rack of DL380 Gen10 servers. They are under a severe time constraint and would like the servers to be ready to receive applications upon power up. What should be recommended to satisfy this requirement?

- A. Use HPE Proactive Care services.
- B. Use HP Pointnext service patching and OS installation services.
- C. Include a Customer Intent Document with the order, requesting OS installation services.
- D. Nothing additional: all servers arrive from the factory ready for application deployment.

Correct Answer: B

QUESTION 14

You need to replace a VDI (Virtual Desktop Infrastructure) solution that supports 300 concurrent users. The current platform is running on four HPE BL460 G7 blades and P4000 iSCSI storage. Which platform should you recommend for this integrated VDI workload?

- A. HPE Synergy SY480 Gen10
- B. HPE BL460 Gen10
- C. HPE SimpliVity 380 Gen10
- D. HPE DL580 Gen10

Correct Answer: C

The HPE SimpliVity 380 Gen10 enables high performance even at high user density. It eliminates the performance impact of client login storms, delivering 1,000 logins in 1,000 seconds Reference:

<https://assets.ext.hpe.com/is/content/hpedam/documents/a00053000-3999/a00053300/a00053300enw.pdf>

QUESTION 15

DRAG DROP

You propose a Nimble HF40 solution with 4x 10GbaseT ports to a customer. The raw capacity is 500 TiB.

The customer's growth expectations have changed, and they now request the solution to support 1000 TiB of raw storage.

Match the possible update to the solution with the description. Choose all that apply.

Select and Place:

Update

Description

HPE Nimble Storage HF60		Increasing both capacity and max IOPS
HPE Nimble Storage HF40C		Increasing the raw capacity only
HPE Nimble Storage HF20C		Increasing the capacity and decreasing IOPS

Correct Answer:

Update

Description

	HPE Nimble Storage HF20C	Increasing both capacity and max IOPS
	HPE Nimble Storage HF60	Increasing the raw capacity only
	HPE Nimble Storage HF40C	Increasing the capacity and decreasing IOPS

Reference: <https://nimblestore.co.uk/wp-content/uploads/2018/05/Nimble-Storage-Adaptive-Flash-Arrays.pdf>

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