

# HPE0-S57<sup>Q&As</sup>

Designing HPE Hybrid IT Solutions

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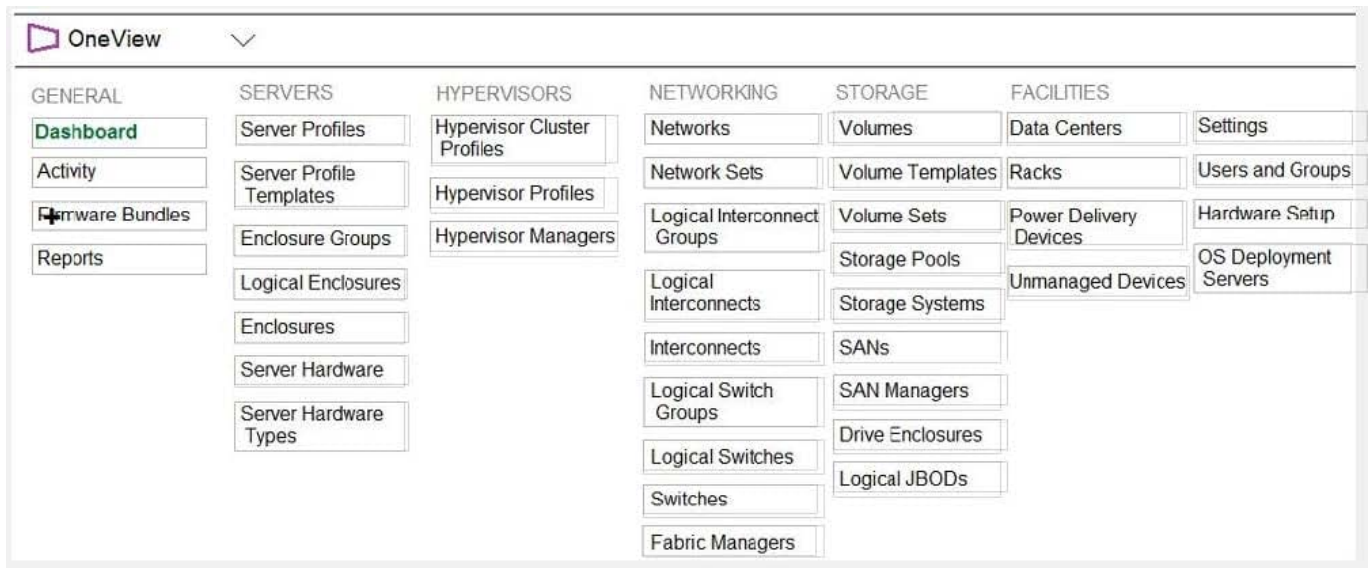
QUESTION 1

HOTSPOT

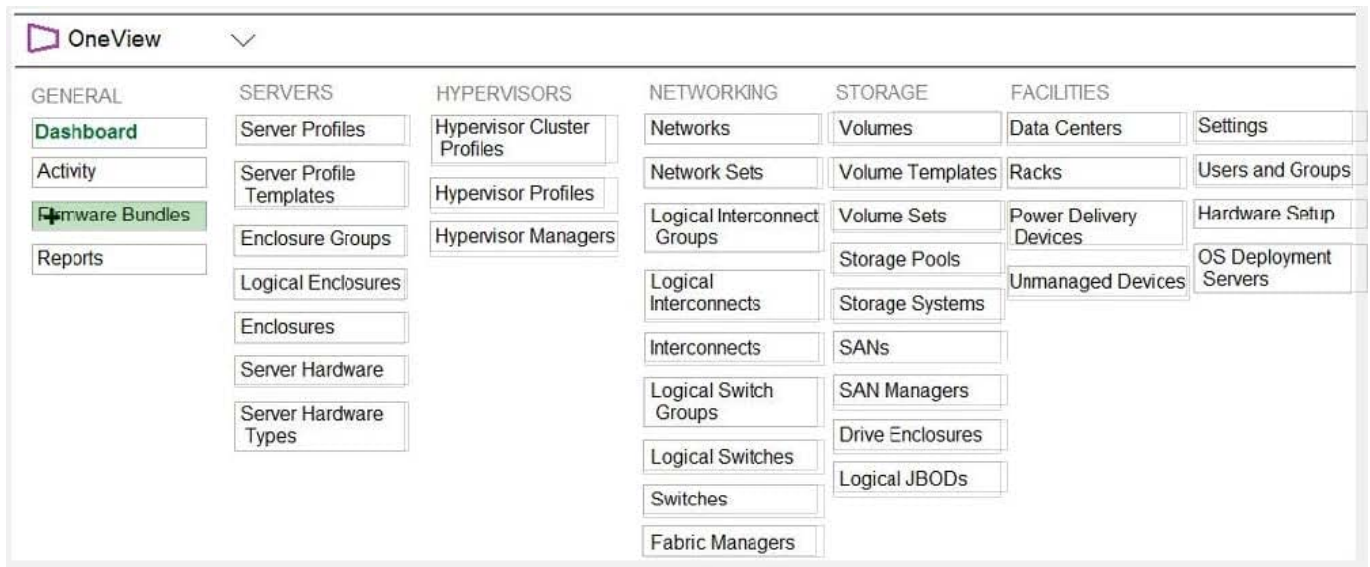
During Synergy solution onboarding, the customer asks about a firmware overview of all the compute modules at once.

Click where you can access the information.

Hot Area:



Correct Answer:



QUESTION 2

A customer requests a switch virtualization feature to help simplify the management of HPE FlexFabric switches. Which

technology should you recommend?

- A. IRF
- B. VSF
- C. VXLAN
- D. MSTP

Correct Answer: A

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### QUESTION 3

A customer is interested in a Synergy solution. They need 100 compute modules and expect the workload to double in two years. They ask for the minimum number of management ports they will need to connect Synergy frames into their management network. How should you reply?

- A. FLMs from all frames connect into a management ring, and the management ring connects into their management network with two uplinks.
- B. FLMs from all frames connect to two external switches, and these two switches connect into their management network.
- C. Synergy solution only allows 15 frames to be interconnected, so growth in customer's workload is not supported.
- D. The RJ-45 ports on the front of each frame are connected to an external switch, which is connected into their management network.

Correct Answer: A

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### QUESTION 4

Which HPE ProLiant Server is ideally suited for small, dense compute environments and HPC workloads focused on the Financial Services Industry?

- A. HPE ProLiant DL360 Gen10
- B. HPE ProLiant DL580 Gen10
- C. HPE ProLiant DL180 Gen10
- D. HPE ProLiant DL380 Gen10

Correct Answer: A

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### QUESTION 5

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

**QUESTION 6**

DRAG DROP

Based on assessment and placement evaluations results, match the product to its levels of reliability, functionality, cost, or availability. (Choose all that apply.)

Select and Place:

**Answer Area**

Product	Description
Direct-attached storage (DAS)	block-level I/O and are well suited to smaller database and messaging environments.
Departmental NAS (D-NAS)	director-based, feature block-level I/O, and are ideally suited to meet large database requirements.
Departmental SAN (D-SAN)	leverages file-level I/O to deliver reduced costs and improve use in a large file server environment.
Enterprise SAN (E-SAN)	provides digital storage to single or multiple computers in a non-networked environment.

Correct Answer:

## Answer Area

Product	Description
	Departmental NAS (D-NAS) block-level I/O and are well suited to smaller database and messaging environments.
	Departmental SAN (D-SAN) director-based, feature block-level I/O, and are ideally suited to meet large database requirements.
	Enterprise SAN (E-SAN) leverages file-level I/O to deliver reduced costs and improve use in a large file server environment.
	Direct-attached storage (DAS) provides digital storage to single or multiple computers in a non-networked environment.

## QUESTION 7

Which HPE tool combines performance metrics from multiple arrays?

- A. NinjaStars
- B. SAF Analyze
- C. NinjaCrawler
- D. SAF Collect

Correct Answer: D

Reference: <https://h20195.www2.hpe.com/v2/Getdocument.aspx?docname=a00008572enw>

## QUESTION 8

A customer has the following HPE SlmPhVity configuration.

1.  
4 nodes in 1 cluster - 2 x 16c CPU
2.  
384 GB RAM
3.  
Medium 4000 storage kit
4.  
SFP+ connectivity
- 5.

VMware hypervisor

The customer needs to increase the available storage capacity in the configuration.

What is the most cost-effective solution that meets your customers needs?

- A. Offload existing backups to an HPE StoreOnce backup target to free up space for production data
- B. Add four "HPE SimpliVity 380 2 Processor Medium to Large Storage Upgrade E-LTU" storage expansion kits.
- C. Add additional disks per node for the required capacity, and do a RAID expansion by using Smart Storage Administrator (SSA).
- D. Add one HPE SimpliVity node with the same configuration to the cluster

Correct Answer: B

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### QUESTION 9

A software development company is planning a Hybrid IT hardware platform that will make frequent server repurposing and automation easier. Which component should you recommend as part of the solution?

- A. HPE infoSight
- B. NVMe Read Intensive SFF
- C. HPE Synergy Image Streamer
- D. microSD flash memory card

Correct Answer: C

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### QUESTION 10

DRAG DROP Match each feature to the correct storage platform

Select and Place:



Answer Area

	Storage Platform	Feature
		Active-Active Architecture
		Active-Standby Architecture
HPE 3PAR StoreServ		Deduplication and Compression support
HPE Nimble Storage		Granular Encryption
		Unified block and file access at the array

Correct Answer:

Answer Area

	Storage Platform	Feature
	HPE Nimble Storage	Active-Active Architecture
	HPE Nimble Storage	Active-Standby Architecture
HPE 3PAR StoreServ	HPE 3PAR StoreServ	Deduplication and Compression support
HPE Nimble Storage	HPE Nimble Storage	Granular Encryption
	HPE 3PAR StoreServ	Unified block and file access at the array

Reference: <https://assets.ext.hpe.com/is/content/hpedam/documents/a00072000-2999/a00072117/a00072117enw.pdf>  
<https://h20195.www2.hpe.com/V2/GetPDF.aspx/a00006358enw.pdf> [https://www.insight.com/en\\_US/content-and-resources/product-overviews/hpe-nimble-storage.html](https://www.insight.com/en_US/content-and-resources/product-overviews/hpe-nimble-storage.html)

QUESTION 11

HOTSPOT

You just finished building a complete solution for a customer in One Config Advanced (OCA). You present it to the customer. The customer requires special packaging for the solution Click in the exhibit of OCA where you can add special packaging instructions for the complete solution.

Hot Area:

The screenshot shows the HPE One Config interface for 'OCA Config 1'. The top navigation bar includes 'Advanced One Config', 'New Configuration', 'Open Configurations', 'Manage MyLibrary', 'Import', and 'Useful Links'. Below this is a secondary bar with 'Save', 'Export', 'Catalog', and 'New Delegation' options. The main content area is titled 'OCA Config 1' and contains a sidebar on the left with menu items: Summary, Components (highlighted), Layout, Power, BOM, Custom content, and Services. The main panel displays the text 'This is a single solution configuration.' and a 'View' dropdown menu set to 'Sub-configuration'. Below this, a table lists components under the heading 'Servers'. One component is visible: 'DL380 Gen10 ...' with a description of 'HPE ProLiant DL380 Gen10 8SFF Conf order Server'.

Correct Answer:

This screenshot is identical to the one above, showing the HPE One Config interface for 'OCA Config 1'. The primary difference is in the sidebar menu, where 'Custom content' is highlighted in green, indicating it is the selected or active view. The rest of the interface, including the navigation bar, main panel text, and component list, remains the same.



**QUESTION 12**

Which HPE solution uses Integrated Lights Out (iLO) and Integrated Systems Manager (iSM) for an optimal infrastructure management experience?

- A. HPE Synergy 12000 Frame
- B. HPE Edgeline 4000
- C. HPE Apollo 8000 series
- D. HPE SimpliVity 2600

Correct Answer: B

Reference: <https://assets.ext.hpe.com/is/content/hpedam/documents/a00050000-0999/a00050138/a00050138enw.pdf>

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**QUESTION 13**

A customer runs a virtualized application with the data stored on the server's local storage. They back up the virtual machines to an external tape drive, but backup and recovery takes too long. They would like to make their VM backup and recovery as fast as possible.

Which solution should you recommend?

- A. HPE StoreOnce
- B. HPE MSA 2052
- C. Data Protector
- D. HPE SimpliVity 380

Correct Answer: D

advantages of having recent backups on disk for fast restores, but also Reference:

<https://assets.ext.hpe.com/is/content/hpedam/documents/a00053000-3999/a00053592/a00053592enw.pdf>

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**QUESTION 14**

You have been asked to architect an HPE 3PAR storage solution and integrate it into a customer's existing multi-vendor SAN. Which tools should you consult to verify interoperability of your proposed solution? (Choose two.)

- A. HPE InfoSight
- B. HPE Single Point of Connectivity Knowledge
- C. HPE SAN Design Guide
- D. HPE Product Bulletin
- E. HPE Lanamark

Correct Answer: BE

HP SPOCK is an authoritative source of interoperability information for HP storage products.

The Lanamark Storage Design Module enables us to design desktop and data center virtualization solutions holistically with server, storage and software components that maximize interoperability, performance and uptime. Reference: <https://>

[subscription.packtpub.com/book/networking\\_and\\_servers/9781785888984/6/ch06lv1sec52/hp-single-point-of-connectivity-knowledge-spock](https://subscription.packtpub.com/book/networking_and_servers/9781785888984/6/ch06lv1sec52/hp-single-point-of-connectivity-knowledge-spock)

<https://www.businesswire.com/news/home/20090601005451/en/Lanamark-Unifies-Storage-Virtualization-Design>

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## QUESTION 15

A customer wants to expand their existing 3PAR array additional drives. The array is sending remote support data, but is not configured in HPE InfoSight. Which tool should you use to examine the current configuration of the array to make balanced drive expansion recommendations to your customer?

- A. HPE NinjaSTARS
- B. HPE Storage Sizer
- C. HPE 3PAR STaTs
- D. HPE 3PAR SSMC

Correct Answer: D

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