

# HP

## Exam Questions HPE0-S57

Designing HPE Hybrid IT Solutions



#### NEW QUESTION 1

A customer requires an integrated compute, multi-terabyte storage, and networking solution that will enable them to rapidly provision their mixed portfolio or applications

Which HPE platform should you recommend?

- A. HPE Edgeline
- B. HPE ProLiant DL
- C. HPE Synergy
- D. HPE Superdome Flex

**Answer: D**

#### NEW QUESTION 2

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

**Answer: D**

#### NEW QUESTION 3

A customer has the following design requirements:

- support for 16Gb Fibre Channel
- The management console must be HPE OneView

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

- A. HPE Virtual Connect SE 40Gb F8 Module for HPE Synergy
- B. Brocade 16Gb Fibre Channel SAN Switch Module for HPE Synergy
- C. HPE Virtual Connect SE 16Gb FC Module for HPE Synergy
- D. HPE Synergy 8Gb FC License Upgrade

**Answer: C**

#### NEW QUESTION 4

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.

**Answer: B**

#### NEW QUESTION 5

Which Synergy Composer key feature allows deployment at cloud-like speeds?

- A. direct access to the FLM
- B. built-in OneVlew
- C. built-in 100 Gb network
- D. integration with IMC

**Answer: B**

#### NEW QUESTION 6

You propose an HPE 3PAR StoreServ 8200 array for a customer who needs 900 TiB raw storage space. After the proposal was created, the customer went through with a competitor acquisition. Now they need to accommodate 1600 TiB.

What should you propose to the customer?

- A. Instead of 3PAR StoreServ 8200 2-node configuration, propose an 8400 4-node configuration with the needed amount of drives.
- B. Instead of 3PAR StoreServ 8200 2-node configuration, propose an 8400 2-node configuration with a 2-node upgrade and the needed amount of drives.
- C. Upgrade the 3PAR StoreServ 8200 2-node configuration with four additional nodes and the needed amount of drives.
- D. Upgrade the 3PAR StoreServ 8200 2-node configuration with Data Optimization Software Suite and the needed amount of drives.

**Answer: A**

#### NEW QUESTION 7

A customer has the following design requirements:

- Support for 16 Gb Fibre Channel

- All SAN elements must be managed by the SAN team
  - 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 40 Gb F8 Module for HPE Synergy
- B. HPE Virtual Connect SE 16 Gb FC Module for HPE Synergy
- C. HPE Synergy 8 Gb FC License Upgrade
- D. Brocade 16 Gb Fibre Channel SAN Switch Module for HPE Synergy

**Answer:** A

#### NEW QUESTION 8

A customer wants to implement a Microsoft Exchange 2016 solution. Why should the customer choose HPE?

- A. HPE employs Microsoft MVPs
- B. HPE is a Microsoft Silver partner in messaging and collaboration
- C. HPE has more than five years of joint development with Microsoft
- D. HPE has a proven reference architecture

**Answer:** C

#### NEW QUESTION 9

A customer is building a new Hybrid Infrastructure data center to support private, public, and hybrid cloud workloads. The customer needs to be able to optimize the performance of East-West network traffic. Which technology should you recommend?

- A. Access/Aggregation/Core
- B. Leaf/Spine
- C. VXLAN/NVGRE
- D. STP/RSTP

**Answer:** B

#### NEW QUESTION 10

You are explaining the benefits of compression of primary storage to the customer. The CIO wants to know how much space can be saved when moving their current shared datastore to a 3PAR array. Which tool can be used to estimate savings based on current customer data?

- A. NinjaSTARS
- B. 3PAR STaTs
- C. NinjaCrawler
- D. StoreServ Management Console

**Answer:** B

#### NEW QUESTION 10

Which tool supports HPE 3PAR, EMC VMAX, and VNX arrays, and is used to identify customer storage needs?

- A. HPE SAF Collector
- B. HPE NinjaSTARS
- C. HPE SPOCK
- D. HPE Storage Sizer

**Answer:** A

#### NEW QUESTION 15

Which security features does HPE ProLiant provide? (Select two )

- A. PXE Boot
- B. D HTTP Boot
- C. Intruder Lockout
- D. Intrusion Detection
- E. TPMOption

**Answer:** AC

#### NEW QUESTION 19

You are organizing a Proof Of Concept (POC) for a potential HPE Synergy customer. During the presentation the customer asks about the solution capabilities for performing automatic creation and follow-up of support cases in case of failures. Where will you show this functionality?

- A. HPE iLO Amplifier Pack
- B. HPE iLO Embedded Remote Support
- C. HPE InfoSight
- D. HPE OneView

**Answer:** A

#### NEW QUESTION 21

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

**Answer: A**

#### NEW QUESTION 24

In preparation for a customer presentation, you need to be able to propose a solution that estimates power and weight requirements, and appropriate levels of power and cooling. You also need to determine weight-related requirements to install the solution in the data center. What should you use?

- A. HPE Synergy Planning Tool
- B. HPE Server Memory Configurator
- C. HPE Proposal Web
- D. HPE Power Advisor

**Answer: D**

#### NEW QUESTION 27

A customer is looking to virtualize desktops and application access to provide better business continuance and disaster recovery. They also need simplified deployment and the ability to scale out in the future. Which HPE platform should you recommend?

- A. Edgeline
- B. ProLiant DL
- C. Superdome Flex
- D. SimpliVity

**Answer: D**

#### NEW QUESTION 31

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.

**Answer: C**

#### NEW QUESTION 34

You are creating a Bill of Materials with the HPE Synergy Planning Tool. The solution includes:

- 30 Synergy 480 Compute Modules
- 6 D3940 Storage Modules - 40 Gb uplink ports
- 20 Gb downlink ports
- Image Streamers for stateless computing

How many Composers and Image Streamers are needed in this solution?

- A. 2 pairs of Composers / 1 pair of Image Streamers
- B. 2 pairs of Composers / 2 pairs of Image Streamers
- C. 1 pair of Composers / 1 pair of Image Streamers
- D. 1 pair of Composers / 2 pairs of Image Streamers

**Answer: C**

#### NEW QUESTION 35

Refer to the Exhibit:

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 Storage network and should be connected to the dedicated storage network switches
- 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 Federation traffic between the HPE SimpliVity nodes.

**Answer:** A

#### **NEW QUESTION 37**

A customer wants to replace their EMC VNX storage array with a new HPE storage solution. Which tool can be used to gather metrics off of the current array to assist in sizing the new solution?

- A. HPE DD Analyzer
- B. HPE NinjaSTARS
- C. HPE SAF Collector
- D. HPE Storage Sizer

**Answer:** A

#### **NEW QUESTION 39**

A customer is concerned about high availability for the company's Exchange 2016 messaging environment using local storage  
Which technology should they use to enable high availability and site resilience?

- A. Database Resilience Group
- B. Continuous Cluster Replication
- C. Database Availability Group
- D. Peer Persistence

**Answer:** B

#### **NEW QUESTION 42**

A customer is considering a new multi-tier storage platform. The customer likes the easy management of the Nimble platform  
Which question should you ask to select an appropriate Nimble model?

- A. Are you using FC or iSCSI host connectivity?
- B. What is the estimated IOPS required?
- C. Do you need to support multiple RAID levels?
- D. Do you require mainframe connectivity?

**Answer:** D

#### **NEW QUESTION 45**

A customer has some extra budget that they would like to use 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

**Answer:** D

#### **NEW QUESTION 48**

A customer running multiple HPE Synergy frames wants to change a parameter in the BIOS of all their VMware servers, based on the recommendations of their VMware team.

Where is the most efficient location to make this change?

- A. iLO Federation
- B. Server Profile Template
- C. Logical Enclosure
- D. ROM Based Setup Utility (RBSU)

**Answer:** A

#### **NEW QUESTION 50**

A customer is planning to refresh their network infrastructure, and wants to manage bandwidth for critical applications and gain end-to-end visibility of network performance and utilization They also need tools to help them manage their networking inventory.

Which HPE Solution should you recommend?

- A. Introspect
- B. InfoSight
- C. OneView for VMware vCenter
- D. Composable Fabric Manager

**Answer:** C

#### NEW QUESTION 54

A customer needs to replace aging Infrastructure The CIO wants to put everything in the cloud because the Company does not want to own hardware Analysis has shown that several applications cannot be housed in the public cloud due to compliance issues Which HPE solution should be recommended? (Select two)

- A. HPE Datacenter Care
- B. a capital lease
- C. an operating lease
- D. a Green Lake solution

**Answer:** CD

#### NEW QUESTION 59

Match the HPE Service to the service it provides. (Choose all that apply.)

##### Answer Area

HPE Service		Description
Data Center Facilities Consulting Services		drives business value from mobility and IoT, and transforms work spaces through intelligent Spaces and Intelligent Venues
Intelligent Edge Practice		helps in determining the best strategy to provide right-sized requirements and the right mix of Hybrid IT
Platform Consulting Services		provides assistance in developing IT strategies to modernize and migrate to an on-premises automated infrastructure
Professional Services		takes a strategic plan and functional design and moves it into production, with a focus of Hybrid IT and Intelligent Edge

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

##### Answer Area

HPE Service		Description
Data Center Facilities Consulting Services	Intelligent Edge Practice	drives business value from mobility and IoT, and transforms work spaces through intelligent Spaces and Intelligent Venues
Intelligent Edge Practice	Platform Consulting Services	helps in determining the best strategy to provide right-sized requirements and the right mix of Hybrid IT
Platform Consulting Services	Professional Services	provides assistance in developing IT strategies to modernize and migrate to an on-premises automated infrastructure
Professional Services	Data Center Facilities Consulting Services	takes a strategic plan and functional design and moves it into production, with a focus of Hybrid IT and Intelligent Edge

#### NEW QUESTION 62

Refer to the Exhibit.

Qty	Product #	Product Description
1	H6Y96B	HPE 3PAR 8400 2N+SW Storage Field Base
8	K2P92B	HPE 3PAR 8000 600GB+SW 15K FE HDD
2	H6Z10A	HPE 3PAR StoreServ 8000 2-port 10Gb iSCSI/FCoE Adapter
1	Q2S13A	HPE 3PAR StoreServ RPS Service Processor
8	QK734A	HPE Premier Flex LC/LC Multi-mode OM4 2 fiber 5m Cable

A customer's requirements include minimal licensing and simple management. The data must be secured at rest. The solution must have the smallest footprint possible.

Which component must be added to the bill of materials to meet these customer requirements?

- A. HPE 3PAR All-in S-sys SW Current E-Media

- B. HPE 3PAR Policy Manager Software E-LTU
- C. HPE 3PAR 8400 All-inc Multi-sys SW E-LTU
- D. HPE 3PAR 8400 Data Encryption E-LTU

**Answer:** D

#### NEW QUESTION 65

A customer runs a virtualized application with the data stored on the servers 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. Data Protector
- B. HPE MSA 2052
- C. HPE SimpliVity 380
- D. HPE StoreOnce

**Answer:** C

#### NEW QUESTION 66

A customer needs a Composable infrastructure solution.

Which HPE resource provides a report of the weight and required power to help plan the data center update?

- A. HPE NinjaStars
- B. HPE QuickSpecs
- C. HPE Synergy Planning Tool
- D. HPE IQuote Universal

**Answer:** B

#### NEW QUESTION 70

A customer needs to provide a composable server solution that is optimized for both the highest CPU frequency and the highest memory density.

Which compute solution is recommended?

- A. Synergy SY 480 Gen10
- B. Synergy SY 660 Gen9
- C. Synergy SY 620 Gen9
- D. Synergy SY 660 Gen10

**Answer:** D

#### NEW QUESTION 75

A customer wants to implement a container platform across their enterprise data center. They need to automate hardware and software configurations to quickly provision and deploy at scale.

Which authentication solution should you recommend?

- A. Red Hat Ansible Tower
- B. OpenStack on OpenStack
- C. Chef
- D. DevStack

**Answer:** A

#### NEW QUESTION 76

An administrator needs to report the write response time of an existing 3PAR StoreServ. Which HPE tool should be used to respond to the need?

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

**Answer:** A

#### NEW QUESTION 77

In preparation for a customer presentation, you need to provide meaningful estimates of cooling requirements for HPE ProLiant, HPE Apollo, and HPE Synergy servers.

What should you use?

- A. HPE Synergy Planning Tool
- B. HPE Proposal Web
- C. HPE Server Memory Configurator
- D. HPE Power Advisor

**Answer:** D

#### NEW QUESTION 80

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