



**HP**

## **Exam Questions HPE0-S57**

Designing HPE Hybrid IT Solutions

#### NEW QUESTION 1

The CFO at a customer site asked you to demonstrate overall value of the IT solution you are proposing What should you use to perform calculations and determine the benefits of a migration to an HPE solution?

- A. HPE One Configuration Advanced
- B. HPE Allnean tool
- C. HPE Converged Infrastructure Solution Sizer Suite
- D. HPE Proposal Web

**Answer:** A

#### 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

You have been tasked with architecture a SimpliVity 380 Gen10 for VMware solution. You must decide between the SimpliVity 4000 and 6000 series. Match each description to the correct SimpliVity 380 Gen10 series.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

#### NEW QUESTION 4

You are designing a network topology for a customer. The customer is looking for a large-scale Layer 2 fabric, with redundant links and load balancing, while avoiding traditional STP, RSTP, and MSTP protocols.

Which switch will support these features with industry standard technology?

- A. HPE FlexFabric 5980
- B. HPE FlexFabric 12902E
- C. Aruba 8325
- D. HPE FlexFabric 5710

**Answer:** A

#### NEW QUESTION 5

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 6

A customer is considering a refresh of their ToR switches because they need 25 GbE connectivity Which switch should you recommend?

- A. FlexFabric 5940
- B. FlexFabnc 5945
- C. FlexFabnc 5980
- D. FlexFabric 5710

**Answer:** A

#### NEW QUESTION 7

A customer needs a right-mix strategy and roadmap for hybrid-IT delivery that covers platform, operations, and brokering.

Which HPE service should be recommended to meet the customer's requirements?

- A. Professional Services
- B. Advisory & Transformation Services
- C. Operational Services
- D. Proactive Services

**Answer:** B

#### NEW QUESTION 8

A customer has the following design requirements:

Support for 16Gb 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 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

**Answer:** D

#### NEW QUESTION 9

A customer is considering a hyperconverged solution to consolidate their current virtualization environment. Which question should you ask to determine whether SimpliVity is the correct platform?

- A. Which SAN switches are in your current environment?
- B. How many VMs do you currently run?
- C. What is the storage protocol you currently use to access local drives?
- D. Are you booting hypervisors over PXE?

**Answer:** A

#### NEW QUESTION 10

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

**Answer:** B

**NEW QUESTION 10**

HPE OneView can be used to provision volumes on which HPE solutions'? (Select two)

- A. HPE 3PAR StoreServ
- B. HPE MSA
- C. HPEXP
- D. HPE SimpliVrtty
- E. HPE Nimble

**Answer:** CE

**NEW QUESTION 12**

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 InfoSfchjt
- D. HPE OneView

**Answer:** A

**NEW QUESTION 14**

A customer wants to see how the HPE DL380 Gen10 servers have been placed in the rack you just configured in OCA Click on the exhibit where you would enable this feature in OCA.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

#### NEW QUESTION 18

A customer needs a cloud-like experience for infrastructure on premises that includes:

variable payments based on actual metered usage  
rapid scalability using an onsite buffer of extra capacity  
enterprise-grade support

Which HPE Service meets the customer needs?

- A. HPE GreenLake Service
- B. HPE Pointnext Services
- C. HPE Digital Transformation Services
- D. HPE Datacenter Care Services

**Answer:** B

#### NEW QUESTION 20

A customer is looking for a new platform to support their AI research projects. Which technology should you recommend?

- A. Peer Persistence
- B. Multi-core GPUs
- C. Availability clustering
- D. Persistent memory

**Answer:** A

#### NEW QUESTION 21

A customer is requesting new leaf switches for their 40-server virtualization farm. Their servers are currently equipped with 25GbE NICs. Which switch family should you recommend?

- A. HPE FlexFabric 5710 24SFP+ 6S+
- B. HPE FlexFabric 12916E Switch with QSFP28 HB modules
- C. HPE FlexFabric 5945 48SFP28 8QSFP28
- D. HPE FlexFabric 5710 48XGT 2QSF28

**Answer:** C

#### NEW QUESTION 26

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 28

A cloud provider customer needs a new storage array and wants a solution with built-in multi-tenancy features. Why should you propose HPE 3PAR StoreServ to this customer?

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

**Answer:** C

#### NEW QUESTION 33

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 38

You are designing a highly-available SQL database solution, following HPE reference architectures for Microsoft SQL 2017 on Linux. Which HA design factors should be considered? (Choose two.)

- A. Real-Time Operational Analytics
- B. Transparent Data Encryption
- C. Always On Failover Cluster Instance (FCI)
- D. Read-Scale Availability Groups

**Answer:** CD

#### NEW QUESTION 40

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 GD 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 41

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.

**Answer:** A

#### NEW QUESTION 45

During an HPE SimpliVity solution presentation, a potential customer asks about the HPE SimpliVity RapidDR option in the Bill of Material. How should you respond?

- A. it allows configuring a high-availability solution between two sites for automatic failover and fallback in disaster recovery situations.
- B. It is a requirement to guarantee the 1 -minute restore of a 1TB virtual machine
- C. It is required for a multi-site HPE SimpliVity configuration to send VM backups to remote clusters.
- D. It enables orchestration for site-to-site recovery to improve application availability during planned or unplanned events

**Answer:** B

#### NEW QUESTION 50

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 53

You are validating virtual machine sizing data for an infrastructure upgrade to SimpliVity Which tool can be used to collect and report the needed information?

- A. SimpliVity Sizer Tool
- B. infosight
- C. Storage Sizer Tool
- D. Lanamark Data Gathering tool

**Answer:** A

**NEW QUESTION 58**

A customer is considering purchasing an application that requires a highly-available NUMA platform that will scale up to 16 processors. They ask you which HPE compute solution will meet their needs. Which solution should you recommend?

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

**Answer:** D

**NEW QUESTION 61**

Match each HPE Assessment Foundry tool to its primary function.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 66**

Which HPE Apollo platform is recommended for Big Data and scale-out storage workloads\*?

- A. HPE Apollo 35
- B. HPE Apollo 2000
- C. HPE Apollo 6000
- D. HPE Apollo 4200

**Answer:** C

**NEW QUESTION 70**

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 72**

A customer has some extra budget that they would like to use to expand their existing 3PAR array with 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 75**

A small customer needs to order a DL325 with VMware licenses and have the solution delivered right away. Which tool should you use to generate an order?

- A. HPE Althean Tools
- B. HPE One Config Advanced
- C. HPE iQuote Universal
- D. HPE Proposal Web

**Answer:** C



#### NEW QUESTION 76

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 77

A customer is looking for a switch virtualization feature that can help them simplify the management of their HPE FlexFabric switches. Which technology should you recommend?

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

**Answer: D**

#### NEW QUESTION 79

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

**Answer: BD**

#### NEW QUESTION 83

A customer requires front panel access for their Gen10 servers. What is required to meet this need?

- A. a USB 2.0 Ethernet adapter
- B. an installed iLo Advance license
- C. Secure Boot enabled
- D. Two-factor authentication enabled

**Answer: B**

#### NEW QUESTION 87

Refer to the Exhibit.

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 89

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

**Answer: B**

#### NEW QUESTION 94

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 96

Which HPE Server family is purpose built for HPC workloads, Big Data Analytics, object storage, and enterprise service provider needs?

- A. HPE ProLiant DL servers
- B. HPE Apollo server
- C. HPE Synergy servers
- D. HPE Edgeline servers

**Answer:** B

#### NEW QUESTION 99

Match each use case to its networking platform.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

#### NEW QUESTION 103

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

**Answer:** C

#### NEW QUESTION 105

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

**Answer:** B

#### NEW QUESTION 110

What must be taken into account when using the HPE FlexFabric 5945 4-slot Switch as a ToR switch in a solution?

- A. adding in a Network Analytics Engine license
- B. specifying a fan tray with the appropriate direction of airflow
- C. adding in an Intelligent Resilient Framework license
- D. selecting power supplies with adequate reserve PoE+ capacity

**Answer:** A

#### NEW QUESTION 112

A customer wants to know why their servers should be configured in UEFI mode instead of legacy boot mode. What does UEFI in Gen10 support? (Choose two.)

- A. FTP boot as a PXE alternative
- B. Internet Small Computer Systems Interface (iSCSI) Software Initiator support
- C. Trusted Platform Module (TPM) 1.0
- D. Non-Volatile Memory Express (NVMe) boot
- E. USB 3.1 support

**Answer:** CD

NEW QUESTION 115

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