

# HP

## Exam Questions HPE0-S57

Designing HPE Hybrid IT Solutions



#### NEW QUESTION 1

The customer has an HPE Nimble HF40.

The customer's application needs have changed, and they now require more performance from their current storage solution.

What should you do to address the customer's new requirements?

- A. Grow the FDR (flash-to-disk) ration by adding SSDs to the Dual Flash Carries (DFC).
- B. Enable the HPE Advanced Data Services license to enable tiering.
- C. Upgrade the existing controller pair with a higher model number.
- D. Add disks and SSDs to the current array.

**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 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 4

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 5

A customer wants to deploy Microsoft Storage Spaces Direct using existing FlexFabric 5700 switches Which RDMA technology is available through the customers switches?

- A. NPAR
- B. NVMeOF
- C. InfiniBand
- D. RoCE

**Answer: A**

#### NEW QUESTION 6

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 7

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 8

In preparation for a customer offer, you need an easy-to-use, web-based resource that can create the presentation quickly and easily using HPE standard, global, online platform tools.  
What should you use?

- A. HPE Power Advisor
- B. HPE Proposal Web
- C. HPE Synergy Planning Tool
- D. HPE One Configuration Advanced

**Answer:** D

#### NEW QUESTION 9

A customer needs a VMware Horizon VDI solution for a space-constrained remote office. The solution must include deduplication and compression, and be simple to implement and manage.  
Which platform should you recommend?

- A. HPE SimpliVity 380
- B. HPE DL380 Gen 10
- C. HPE SimpliVity 2600
- D. HPEDL360Gen10

**Answer:** C

#### NEW QUESTION 10

Based on the scenario provided, which service should you recommend\*?

- A. HPE 3PAR StoreServ Data Migration Service
- B. HPE File Data Migration Service
- C. HPE Migration Service for Exchange
- D. HPE Migration Service for Office 365

**Answer:** D

#### 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 14

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

**Answer:** D

#### NEW QUESTION 17

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 20

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 21**

A customer is asking for the latest version of the HPE Nimble Storage Integration Guide. Where can the customer download the guide?

- A. HPE SPOCK
- B. HPE Product Bulletin
- C. HPE InfoSight
- D. HPE Information Library

**Answer:** C

**NEW QUESTION 23**

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 24**

Which HPE tool is used to access 3PAR performance information?

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

**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 29**

You are validating a solution that has customer requirements for both Ethernet and Fibre Channel connectivity. Match the cables and adapters to the supported technology.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

#### NEW QUESTION 32

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 37

Which two metrics are key to guiding data placement decisions? (Choose two.)

- A. capacity
- B. cache utilization
- C. power consumption
- D. jitter
- E. response time

**Answer:** AB

#### NEW QUESTION 41

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 46

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 50**

DRAG DROP

Match each feature to the correct storage platform.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 52**

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

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 54**

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 55**

When determining the storage lifecycle requirements for a new customer solution, which criteria should you use to optimize data placement?

- A. How many users are online simultaneously?
- B. Which backup technology will the customer use?
- C. Which operating system and version will be used in the solution?
- D. What are the underlying business value availability and long-term retention needs?

**Answer:** A

**NEW QUESTION 59**

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

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

**Answer:** D

**NEW QUESTION 64**

Which unit of measurement does the HPE Synergy Planning Tool provide for the cooling requirements of a given configuration?

- A. A
- B. VA
- C. W
- D. BTU

**Answer:** A

**NEW QUESTION 66**

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 68**

After meeting with a customer and gathering basic capacity and performance metrics, you are ready to recommend an HPE 3PAR storage solution. Which HPE sizing tool should be used to architect the solution, create a ready-to-order bill of materials, and present the customer with a graphic representation of the solution being proposed?

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

**Answer: A**

**NEW QUESTION 71**

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 74**

A customer has expressed concerns about the security of using RESTful API to do a survey against their existing infrastructure. What should you say about the REST client to alleviate the customer's concerns?

- A. It uses SNMP v2.
- B. It uses HTTPS.
- C. It uses SNMP v3
- D. It uses WBEM

**Answer: B**

**NEW QUESTION 78**

Match each HPE Assessment Foundry tool to its primary function.

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**



#### NEW QUESTION 80

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. validation of the StoreOnce System operation
- D. installation of HPE StoreOnce Recovery Manager Central software

**Answer:** C

#### NEW QUESTION 84

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 86

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 88

You are validating a solution that has customer requirements for both Ethernet and Fibre Channel connectivity.

Match the cables and adapters to the supported technology.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

#### NEW QUESTION 90

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 92**

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 97**

Match each use case to its networking platform.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**NEW QUESTION 98**

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 102**

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 105**

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