



HP

Exam Questions HPE0-S57

Designing HPE Hybrid IT Solutions

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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

You have been asked to architect an HPE 3PAR storage solution and integrate it into a customers existing multi-vendor SAN

Which tools should you consult to verify interoperability of your proposed solution? (Select two)

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

Answer: CD

NEW QUESTION 3

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 4

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 5

A customer is planning a data center expansion consisting of 2,000 physical servers supporting up to 70 VMs per server.

They require a modular networking solution that provides:

- high bandwidth
- high availability
- high performance
- the ability to scale beyond 2,000 servers

Which HPE solution should you recommend?

- A. HPE FlexFabric 12904E
- B. HPE Aruba 5400
- C. HPE OfficeConnect 1950
- D. HPE FlexFabric 5940

Answer: C

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

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. HPE DL360 Gen10

Answer: C

NEW QUESTION 9

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 10

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 10

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

- A. HPE 3PAR StoreServ
- B. HPE MSA
- C. HPE XP
- D. HPE SimpliVity
- E. HPE Nimble

Answer: CE

NEW QUESTION 15

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 17

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 25

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

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

Answer: D

NEW QUESTION 26

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 30

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 33

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 35

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 40

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 42

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 43

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 47

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 52

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 57

Which service technology has the highest cost and lowest latency?

- A. DDR-4 Memory
- B. NVDIMM
- C. NVMe
- D. SAS SSD

Answer: B

NEW QUESTION 62

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

Answer: C

NEW QUESTION 67

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

Answer: BC

NEW QUESTION 68

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 72

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 73

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 76

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 80

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 84

Match each use case to its networking platform.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 85

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 88

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 91

Which HPE tool combines performance metrics from multiple arrays?

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

Answer: D

NEW QUESTION 92

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 97

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