



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 has a 135 GB Microsoft SQL 2016 database deployed on an HPE ProLiant DL380 Gen 10 server on direct attached storage The customer would like to dramatically improve the database performance

What should you propose?

- A. 3PAR 8200
- B. Nimble AF20Q
- C. nVidia GPU
- D. NVDIMMs

Answer: B

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

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 5

Which industry standard protocol is typically used to communicate with remote resources on mobile applications?

- A. TRILL
- B. HTTP
- C. STP
- D. NFS

Answer: A

NEW QUESTION 6

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 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

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 10

Your need to architect a SQL Database consolidation solution, based on the HPE reference architecture for SQL 2017 The customer is moving from Oracle on Linux and wants to stay on Linux and migrate to a tower-cost solution

Which server should you recommend?

- A. HPE DL560 Gen10 running Red Hat Linux Server
- B. HPE DL380 Gen10 running Red Hat Linux Server
- C. HPE DL380 Gen10 running Microsoft Windows Server 2016
- D. HPE DL560 Gen10 running CentOS Linux Server

Answer: B

NEW QUESTION 10

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 14

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- C. HPE Synergy 8Gb FC License Upgrade
- D. Brocade 16Gb Fibre Channel SAN Switch Module for HPE Synergy

Answer: D

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 17

A customer needs to manage the power of their Apollo servers. The server racks provide only basic PDU capability. Which Management tool will meet the customer's need?

- A. HPE Apollo Platform Manager
- B. HPE Insight Cluster Management Utility
- C. HPE Power Advisor
- D. HPE OneView

Answer: B

NEW QUESTION 22

A customer has acquired a company and must integrate all IT assets Into a single data center Each company uses HPE SimpliVity as the hardware platform, but one uses HyperV and the other uses VMware as the hypervisor. What are valid options for consolidating this environment?

- A. Redploy all nodes Into a single cluster running containers.
- B. Run and manage separate SimpiVity clusters for each hypervisor.
- C. Combine all nodes Into a single cluster running both VMware and Hyper-V hypervisors
- D. Utilize HPE OneVlew to convert VMs from Hyper-v to VMware

Answer: D

NEW QUESTION 27

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 29

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 InfoSfcjht
- D. HPE OneView

Answer: A

NEW QUESTION 33

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. HPEBL460Gen10
- B. HPE Synergy SY480 Gen10
- C. HPE DL580 Gen10
- D. HPE SimpliVity 380 Gen10

Answer: A

NEW QUESTION 37

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 41

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 46

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 51

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 52

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 57

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 60

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 65

A customer contacts you for assistance to expand an HPE Synergy environment. The existing environment contains:

- one Synergy 12000 frame
- two Composers
- eight SY480 Compute Modules -1 CPU - 384GB RAM - 3820C 10/20GbE CNA
- one D3940 Storage Module

The new requirement is 16 Gb FC connectivity to a newly-deployed 3PAR storage array
Which components should you include? (Select two.)

- A. HPE Synergy FC License Upgrade per Composer pair
- B. an additional Virtual Connect SE 40 Gb F8
- C. two QSFP+ AOC/DAC cables for ICM clustering
- D. a second CPU per Compute Module
- E. Synergy 3830C Host Bus Adapter

Answer: CD

NEW QUESTION 70

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 71

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 76

A customer asks you about the features of the HPE SimpliVity, such as performance, availability, efficiency, and protection.
Which statement is correct about an HPE SimpliVity solution that enables these features?

- A. The OmniStack Accelerator Card (OAC) contains a FPGA programmed with HPE SimpliVity deduplication, compression, and optimization algorithms.
- B. The OmniStack Accelerator Card (OAC) connects directly to the iSCSI VIP address enabled by the OVC.
- C. The OmniStack Accelerator Card (OAC) has direct hardware access to the two PCIe cards through VM direct path IO.
- D. The OmniStack Virtual Controller(OVC) creates an iSCSI datastore where the hypervisor stores the workload VMs.

Answer: A

NEW QUESTION 77

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 82

You are offering a startup service of StoreOnce 3620 to a customer Which customer need would require an additional Pointnext service?

- A. setup and demonstration of the configuration to one host
- B. installation of hardware to the rack
- C. creation of the Installation plan
- D. integration of StoreOnce and a backup ISV application

Answer: A

NEW QUESTION 84

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 87

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