

Exam Questions HPE0-S57

Designing HPE Hybrid IT Solutions

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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

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: B

NEW QUESTION 3

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 4

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 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 large print shop customer is looking for a new SAN for their VMware cluster that is also able to directly provide file shares for their Apple Mac OS X desktops. Which tool should you use to determine which SANs will natively support the customer's need?

- A. HPE Product Bulletin
- B. HPE One Config Advanced
- C. HPE Assessment Foundry
- D. HPE Single Point of Connectivity Knowledge

Answer: D

NEW QUESTION 7

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. FlexFabric 5945
- C. FlexFabric 5980
- D. FlexFabric 5710

Answer:

A

NEW QUESTION 8

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 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 19

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 20

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 SimpliVity clusters for each hypervisor.

- C. Combine all nodes into a single cluster running both VMware and Hyper-V hypervisors
- D. Utilize HPE OneView to convert VMs from Hyper-v to VMware

Answer: D

NEW QUESTION 23

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 26

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 27

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 SimpliVity
- E. HPE Nimble

Answer: CE

NEW QUESTION 32

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 37

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 42

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

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

Answer: D

NEW QUESTION 45

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 47

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 48

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 49

DRAG DROP

Match each feature to the correct storage platform.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 51

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 56

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 60

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 64

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 66

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 70

In preparation for a customer presentation, you need to create a validated configuration, including services. Which tool should you use?

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

Answer: A

NEW QUESTION 72

Match each HPE Assessment Foundry tool to its primary function.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 74

A customer is concerned that they might not have enough cooling capacity in their datacenter to support your proposed HPE server and storage solution. Which tool should you use to confirm your solution will meet their requirements'?

- A. HPE OneView
- B. HPE Assessment Foundry
- C. HPE infoSight
- D. HPE Power Advisor

Answer: A

NEW QUESTION 76

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 77

You are designing a solution that will utilize HPE SimpliVity as the solution platform. Which additional components are required and should be documented in your design? (Choose two.)

- A. SCCM
- B. HPE SimpliVity Arbiter Service
- C. SCOM
- D. vCenter or SCVMM

Answer: BD

NEW QUESTION 78

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 79

A customer contacts you for assistance with an expansion of their current 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 16Gb FC connectivity to a newly-deployed 3PAR storage array. Which components should you include? (Choose two.)

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

Answer: AC

NEW QUESTION 81

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 84

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 85

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 89

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 92

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 97

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 99

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 102

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 103

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