

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

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 3

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 4

A customer is thinking about a new solution to run their Line of Business (LOB) application. They are considering an HPE SimpliVity solution. Which deployment requirement should be communicated to the customer?

- A. The application has to run virtualized.
- B. The solution only supports HPE switches.
- C. The solution requires a minimum of three nodes.
- D. The solution requires FC connectivity

Answer: A

NEW QUESTION 5

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

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

D. RoCE

Answer: A

NEW QUESTION 6

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 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 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 9

You are explaining the benefits of compression of primary storage to the customer. The CIO wants to know how much space can be saved when moving their current shared datastore to a 3PAR array. Which tool can be used to estimate savings based on current customer data?

- A. NinjaSTARS
- B. 3PAR STaTs
- C. NinjaCrawler
- D. StoreServ Management Console

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. HPE DL360 Gen 10

Answer: C

NEW QUESTION 10

Which security features does HPE ProLiant provide? (Select two)

- A. PXE Boot
- B. D HTTP Boot
- C. Intruder Lockout
- D. Intrusion Detection
- E. TPM Option

Answer: AC

NEW QUESTION 11

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 14

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 InfoSight
- D. HPE OneView

Answer: A

NEW QUESTION 18

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 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

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. HPE BL460 Gen10
- B. HPE Synergy SY480 Gen10
- C. HPE DL580 Gen10

D. HPE SimpliVity 380 Gen10

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 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 31

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 32

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 36

DRAG DROP

Match each feature to the correct storage platform.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 39

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 44

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 48

A customer needs to replace an existing Microsoft Hyper-V solution on aging hardware. The customer is interested in an HPE SimpliVity solution. What do you need to consider for this solution?

- A. SSD-only SimpliVity nodes
- B. System Center Virtual Machine Manager licenses
- C. a minimum of four nodes per cluster
- D. Microsoft Windows Server Datacenter licenses

Answer: D

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 51

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 52

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 53

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 55

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 60

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 63

During Synergy solution on boarding, the customer asks about a firmware overview of all the compute modules at once. Click where you can access the information.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 67

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 69

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 73

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 75

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 77

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 82

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 86

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 91

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 92

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 93

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 95

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 100

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 101

A customer needs a Composable infrastructure solution.

Which HPE resource provides a report of the weight and required power to help plan the data center update?

- A. HPE NinjaStars
- B. HPE QuickSpecs
- C. HPE Synergy Planning Tool
- D. HPE IQuote Universal

Answer: B

NEW QUESTION 102

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 104

Match each use case to its networking platform.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 106

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 109

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 113

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 118

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