

Exam Questions HPE0-S57

Designing HPE Hybrid IT Solutions

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NEW QUESTION 1

A customer requires an integrated compute, multi-terabyte storage, and networking solution that will enable them to rapidly provision their mixed portfolio or applications

Which HPE platform should you recommend?

- A. HPE Edgeline
- B. HPE ProLiant DL
- C. HPE Synergy
- D. HPE Superdome Flex

Answer: D

NEW QUESTION 2

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 3

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 4

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 5

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 6

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 7

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 8

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 9

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 10

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 10

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 14

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 19

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 22

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. insight
- C. Storage Sizer Tool
- D. Lanamark Data Gathering tool

Answer: A

NEW QUESTION 25

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 29

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 32

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 37

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 42

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 45

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 46

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 50

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 55

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 57

Match each use case to its networking platform.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 58

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 60

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