

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

You have been tasked with architecture a SimpliVity 380 Gen10 for VMware solution. You must decide between the SimpliVity 4000 and 6000 series. Match each description to the correct SimpliVity 380 Gen10 series.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 3

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 4

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

Answer: A

NEW QUESTION 5

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 6

A customer needs a right-mix strategy and roadmap for hybrid-IT delivery that covers platform, operations, and brokering.
Which HPE service should be recommended to meet the customer's requirements?

- A. Professional Services
- B. Advisory & Transformation Services
- C. Operational Services
- D. Proactive Services

Answer: B

NEW QUESTION 7

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 SimpliVrty
- E. HPE Nimble

Answer: CE

NEW QUESTION 8

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 9

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 10

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 10

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 14

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 18

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 20

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 22

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 24

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 29

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 30

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 33

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 36

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 37

Which HPE tool combines performance metrics from multiple arrays?

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

Answer: D

NEW QUESTION 39

Match each item to its function. (Choose all that apply.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 40

What must be taken into account when using the HPE FlexFabric 5945 4-slot Switch as a ToR switch in a solution?

- A. adding in a Network Analytics Engine license
- B. specifying a fan tray with the appropriate direction of airflow
- C. adding in an Intelligent Resilient Framework license
- D. selecting power supplies with adequate reserve PoE+ capacity

Answer: A

NEW QUESTION 43

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