

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

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 3

A customer is purchasing a full rack of DL380 Gen10 servers. They are under a severe time constraint and would like the servers to be ready to receive applications upon power up.

What should be recommended to satisfy this requirement?

- A. Use HPE Proactive Care services.
- B. Use HP Pointnext service patching and OS installation services.
- C. Include a Customer Intent Document with the order, requesting OS installation services.
- D. Nothing additional: all servers arrive from the factory ready for application deployment.

Answer: B

NEW QUESTION 4

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 5

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 6

You propose an HPE 3PAR StoreServ 8200 array for a customer who needs 900 TiB raw storage space. After the proposal was created, the customer went through with a competitor acquisition. Now they need to accommodate 1600 TiB.

What should you propose to the customer?

- A. Instead of 3PAR StoreServ 8200 2-node configuration, propose an 8400 4-node configuration with the needed amount of drives.
- B. Instead of 3PAR StoreServ 8200 2-node configuration, propose an 8400 2-node configuration with a 2-node upgrade and the needed amount of drives.
- C. Upgrade the 3PAR StoreServ 8200 2-node configuration with four additional nodes and the needed amount of drives.
- D. Upgrade the 3PAR StoreServ 8200 2-node configuration with Data Optimization Software Suite and the needed amount of drives.

Answer: A

NEW QUESTION 7

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 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

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 10

You 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 lower-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 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 13

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 16

A customer is requesting new leaf switches for their 40-server virtualization farm. Their servers are currently equipped with 25GbE NICs. Which switch family should you recommend?

- A. HPE FlexFabric 5710 24SFP+ 6S+
- B. HPE FlexFabric 12916E Switch with QSFP28 HB modules
- C. HPE FlexFabric 5945 48SFP28 8QSFP28
- D. HPE FlexFabric 5710 48XGT 2QSFP28

Answer: C

NEW QUESTION 17

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 22

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 24

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

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

Answer: D

NEW QUESTION 25

A customer is looking to virtualize desktops and application access to provide better business continuance and disaster recovery. They also need simplified deployment and the ability to scale out in the future. Which HPE platform should you recommend?

- A. Edgeline
- B. ProLiant DL
- C. Superdome Flex
- D. SimpliVity

Answer: D

NEW QUESTION 30

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 34

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 39

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 43

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 44

DRAG DROP

Match each feature to the correct storage platform.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 45

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 47

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 51

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 56

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 59

You propose a Nimble HF40 solution with 4x 10GbaseT ports to a customer. The raw capacity is 500 TiB. The customer's growth expectations have changed, and they now request the solution to support 1000 TiB of raw storage instead. Match the possible update to the solution with the description.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 61

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 65

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 68

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 69

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 70

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 72

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 75

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 79

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 84

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 85

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 87

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 88

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 93

A customer wants to implement a container platform across their enterprise data center. They need to automate hardware and software configurations to quickly provision and deploy at scale. Which authentication solution should you recommend?

- A. Red Hat Ansible Tower
- B. OpenStack on OpenStack
- C. Chef
- D. DevStack

Answer: A

NEW QUESTION 97

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 102

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 103

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 104

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 107

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 112

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 116

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