HP

Exam Questions HPE0-S57

Designing HPE Hybrid IT Solutions

NEW QUESTION 1
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 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
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
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
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 6
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 OfffceConnect 1950
D. HPE FlexFabric 5940

Answer: C

NEW QUESTION 7
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 8
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 9
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 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. HPEDL360Gen10

Answer: C

NEW QUESTION 10
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 12
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 17
A customer has the following design requirements:
 Support for 16Gb Fibre Channel
 All SAN elements must be managed by the SAN team
 All SAN elements need to be managed by the existing tools
Which component must be included in the design to meet the customer's requirements?

A. HPE Virtual Connect SE 16Gb FC Module for HPE Synergy
B. HPE Virtual Connect SE 40Gb FC Module for HPE Synergy
C. HPE Synergy 8Gb FC License Upgrade
D. Brocade 16Gb Fibre Channel SAN Switch Module for HPE Synergy

Answer: D

NEW QUESTION 21
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 25
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 26
A customer is looking to better manage their HPE Synergy-based VMware environment. Which VMware extension will reveal critical trends in their environment?

A. HPE OneView for VMware vCenter
B. HPE OneView for VMware vRealize Operations
C. HPE OneView for VMware Operations Manager
D. HPE OneView for VMware vCenter Log Insight

Answer: B

NEW QUESTION 29
A customer is looking for a new platform to support their AI research projects. Which technology should you recommend?

A. Peer Persistence
B. Multi-core GPUs
C. Availability clustering
D. Persistent memory

Answer: A

NEW QUESTION 33
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 2QSF28

Answer: C

NEW QUESTION 34
Which HPE tool is used to access 3PAR performance information?

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

Answer: D

NEW QUESTION 36
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 37
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 42
DRAG DROP
Match each feature to the correct storage platform.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

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
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 53
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 l -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 58
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 63
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 68
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 the 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 73
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 77
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 80
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 82
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 86
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 90
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
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
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 98
A customer runs a virtualized application with the data stored on the servers local storage.
They back up the virtual machines to an external tape drive, but backup and recovery takes too long They would like to make their VM backup and recovery as fast as possible.
Which solution should you recommend?

A. Data Protector
B. HPE MSA 2052
C. HPE SImpliVity 380
D. HPE StoreOnce

Answer: C

NEW QUESTION 99
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 101
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 105
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 109
Match the appropriate server, storage, or networking platform to the workload. (Choose all that apply.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 111
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