HP

Exam Questions HPE0-S57

Designing HPE Hybrid IT Solutions

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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 has a 135 GB Microsoft SQL 2016 database deployed on an HPE ProLiant DL380 Gen 10 server on direct attached storage The customer would like to dramatically improve the database performance
What should you propose?

A. 3PAR 8200
B. Nimble AF20Q
C. nVidia GPU
D. NVDIMMs

Answer: B

NEW QUESTION 4
A customer is running a virtualized application with the data stored on their server's local storage. As the storage space is getting full, they are looking into a new storage system. Their IT generalist would like to use a single management interface for the new solution.
Which solution should you recommend to the customer?

A. HPE Nimble HF20
B. HPE MSA 2052
C. HPE SimpliVity 380
D. HPE 3PAR StoreServ 8400

Answer: D

NEW QUESTION 5
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 6
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 7
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 8
You have been asked to architect an HPE 3PAR storage solution and integrate it into a customers existing mufti-vendor SAN
Which tools should you consult to verity interoperability of your proposed solution? (Select two)

A. HPE InfoSlght
B. HPE Single Point of Connectivity Knowledge
C. HPE SAN Design Guide
D. HPE Product Bulletin
E. HPE lanamark

Answer: CD

NEW QUESTION 9
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 10
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 10
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 14
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 19
In preparation for a customer offer, you need an easy-to-use, web-based resource that can create the presentation quickly and easily using HPE standard, global, online platform tools.
What should you use?

A. HPE Power Advisor

B. HPE Proposal Web
C. HPE Synergy Planning Tool
D. HPE One Configuration Advanced

Answer: D

NEW QUESTION 21
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 26
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 31
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 32
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 35
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 39
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 41
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 44
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 SlmpliVrty
E. HPE Nimble

Answer: CE

NEW QUESTION 46
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 InfoSfcjht
D. HPE OneView

Answer: A

NEW QUESTION 51
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 52
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 54
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 58
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 62
Based on assessment and placement evaluations results, match the product to its levels of reliability, functionality, cost, or availability. (Choose all that apply.)

Answer Area

Product		Description
Direct-attached storage (DAS)		block-level I/O and are well suited to smaller database and messaging environments.
Departmental NAS (D-NAS)		director-based, feature block-level I/O, and are ideally suited to meet large database requirements.
Departmental SAN (D-SAN)		leverages file-level I/O to deliver reduced costs and improve use in a large file server environment.
Enterprise SAN (E-SAN)		provides digital storage to single or multiple computers in a non-networked environment.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Product	Description	
Direct-attached storage (DAS)	Departmental NAS (D-NAS)	block-level I/O and are well suited to smaller database and messaging environments.
Departmental NAS (D-NAS)	Departmental SAN (D-SAN)	director-based, feature block-level I/O, and are ideally suited to meet large database requirements.
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Enterprise SAN (E-SAN)	Direct-attached storage (DAS)	provides digital storage to single or multiple computers in a non-networked environment.

NEW QUESTION 64
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 67
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 68
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 69

Match each HPE Assessment Foundry tool to its primary function.

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Tool		Function
NinjaCrawler		Analyze key industry backup metrics, and identify potential savings through data deduplication.
NinjaProtected		Emulate HPE 3PAR data reduction from actual raw host data.
NinjaSTARS		Access performance and configuration information from a customer's array using this lightweight, agentless tool.
SAF Collect		Size capacity and performance metrics of HPE 3PAR and Nimble arrays.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

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Tool	Function	
NinjaCrawler	SAF Collect	Analyze key industry backup metrics, and identify potential savings through data deduplication.
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NinjaSTARS	NinjaCrawler	Access performance and configuration information from a customer's array using this lightweight, agentless tool.
SAF Collect	NinjaSTARS	Size capacity and performance metrics of HPE 3PAR and Nimble arrays.

NEW QUESTION 74
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 76
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 77
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 82
A small customer needs to order a DL325 with VMware licenses and have the solution delivered right away. Which tool should you use to generate an order?

A. HPE AIhean Tools
B. HPE One Config Advanced
C. HPE iQuote Universal
D. HPE Proposal Web

Answer: C

NEW QUESTION 84
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 planning to refresh their network infrastructure, and wants to manage bandwidth for critical applications and gain end-to-end visibility of network performance and utilization They also need tools to help them manage their networking inventory.
Which HPE Solution should you recommend?

A. Introspect
B. InfoSight
C. OneView for VMware vCenter
D. Composable Fabric Manager

Answer: C

NEW QUESTION 90
Match the HPE Service to the service it provides. (Choose all that apply.)

Answer Area

HPE Service		Description
Data Center Facilities Consulting Services		drives business value from mobility and IoT, and transforms work spaces through intelligent Spaces and Intelligent Venues
Intelligent Edge Practice		helps in determining the best strategy to provide right-sized requirements and the right mix of Hybrid IT
Platform Consulting Services		provides assistance in developing IT strategies to modernize and migrate to an on-premises automated infrastructure
Professional Services		takes a strategic plan and functional design and moves it into production, with a focus of Hybrid IT and Intelligent Edge

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

HPE Service		Description
Data Center Facilities Consulting Services	Intelligent Edge Practice	drives business value from mobility and IoT, and transforms work spaces through intelligent Spaces and Intelligent Venues
Intelligent Edge Practice	Platform Consulting Services	helps in determining the best strategy to provide right-sized requirements and the right mix of Hybrid IT
Platform Consulting Services	Professional Services	provides assistance in developing IT strategies to modernize and migrate to an on-premises automated infrastructure
Professional Services	Data Center Facilities Consulting Services	takes a strategic plan and functional design and moves it into production, with a focus of Hybrid IT and Intelligent Edge

NEW QUESTION 95

You proposed a Nimble AF60 solution with 8x 10GbaseT ports to a customer. The raw capacity is 167 TiB. The customer's growth expectations have changed, and they now request a solution that supports 334 TiB of raw storage instead.

Which benefit is gained by each proposed solution? (Choose all that apply.)

Answer Area

Solution		Benefit
HPE 3PAR StoreServ 9450		adding multi-tenancy to the solution
HPE Nimble Storage AF80		increasing capacity only
HPE Nimble Storage AFS3		increasing max IOPS

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Solution	Benefit	
HPE 3PAR StoreServ 9450	HPE Nimble Storage AFS3	adding multi-tenancy to the solution
HPE Nimble Storage AF80	HPE 3PAR StoreServ 9450	increasing capacity only
HPE Nimble Storage AFS3	HPE Nimble Storage AF80	increasing max IOPS

NEW QUESTION 98

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 101

Refer to the Exhibit.

Qty	Product #	Product Description
1	H6Y96B	HPE 3PAR 8400 2N+SW Storage Field Base
8	K2P92B	HPE 3PAR 8000 600GB+SW 15K FE HDD
2	H6Z10A	HPE 3PAR StoreServ 8000 2-port 10Gb iSCSI/FCoE Adapter
1	Q2S13A	HPE 3PAR StoreServ RPS Service Processor
8	QK734A	HPE Premier Flex LC/LC Multi-mode OM4 2 fiber 5m Cable

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 104
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 107
Which HPE tool combines performance metrics from multiple arrays?

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

Answer: D

NEW QUESTION 108
Match each item to its function. (Choose all that apply.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Item		Function
Exchange Server Performance Health Checker Script	Exchange Server Performance Health Checker Script	helps determine configuration settings; available from Github
HPE Migration Service for Exchange	HPE Sizer for Microsoft Exchange Server 2016	provides best practice configuration recommendations for MS Exchange
HPE Sizer for Microsoft Exchange Server 2016	HPE Migration Service for Exchange	provides the pathway to get customers to MS Exchange 2016
MS Exchange Reference Architecture	MS Exchange Reference Architecture	provides validated and tested MS Exchange configuration information

NEW QUESTION 113
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 117
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