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 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
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
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 6
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 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 OfffceConnect 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
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 10
Based on the scenario provided, which service should you recommend*?

A. HPE 3PAR StoreServ Data Migration Service
B. HPE File Data Migration Service
C. HPE Migration Service for Exchange
D. HPE Migration Service for Office 365

Answer: D

NEW QUESTION 10
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 13
Which security features does HPE ProLiant provide? (Select two)

A. PXE Boot
B. D HTTP Boot
C. Intruder Lockout
D. Intrusion Detection
E. TPMOption

Answer: AC

NEW QUESTION 15
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 SimpiVity clusters for each hypervisor.
C. Combine all nodes Into a single cluster running both VMware and Hyper-V hypervisors
D. Utilize HPE OneVlew to convert VMs from Hyper-v to VMware

Answer: D

NEW QUESTION 18
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 20
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.
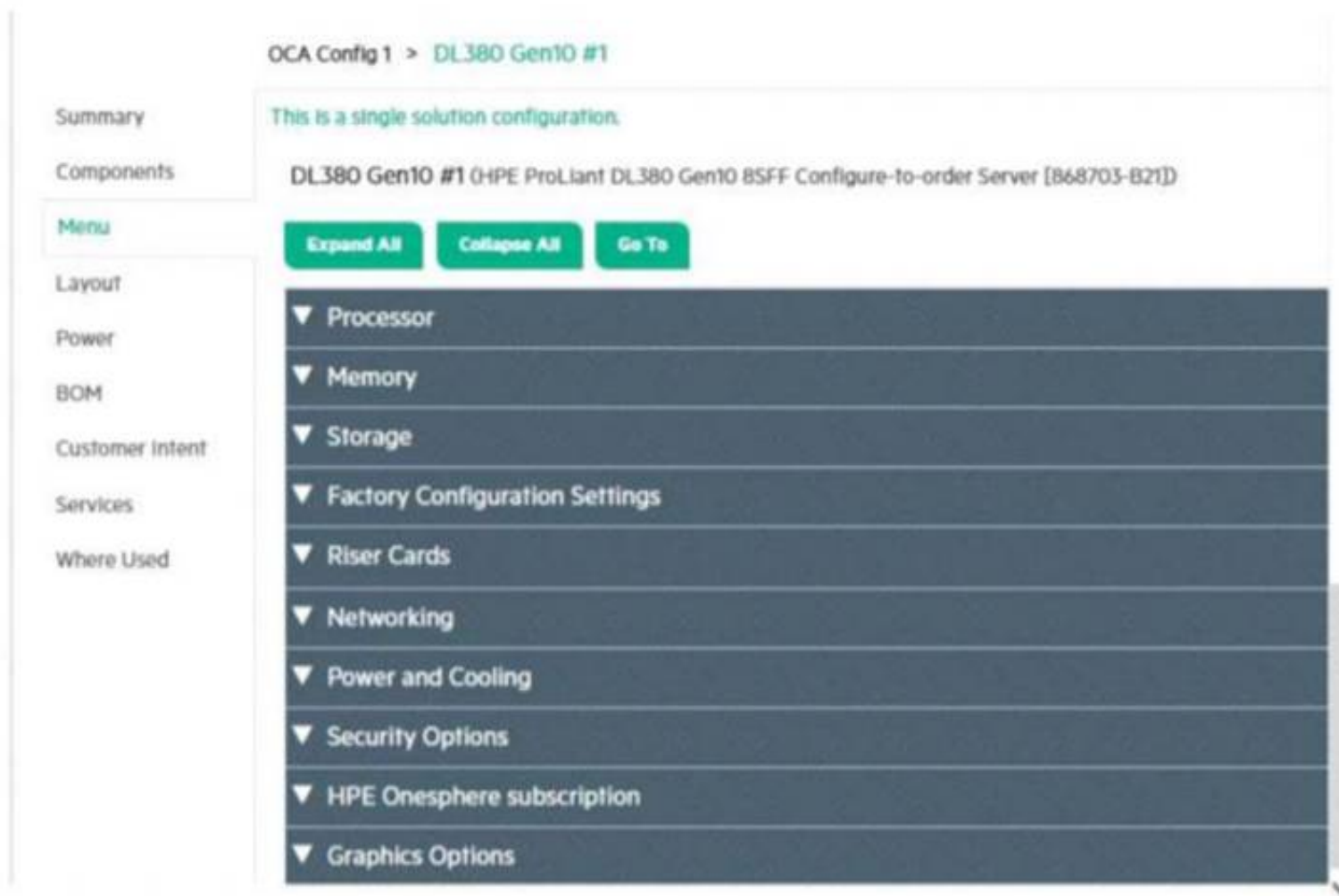Where will you show this functionality?

A. HPE iLO Amplifier Pack
B. HPE ILO Embedded Remote Support
C. HPE InfoSfcjht
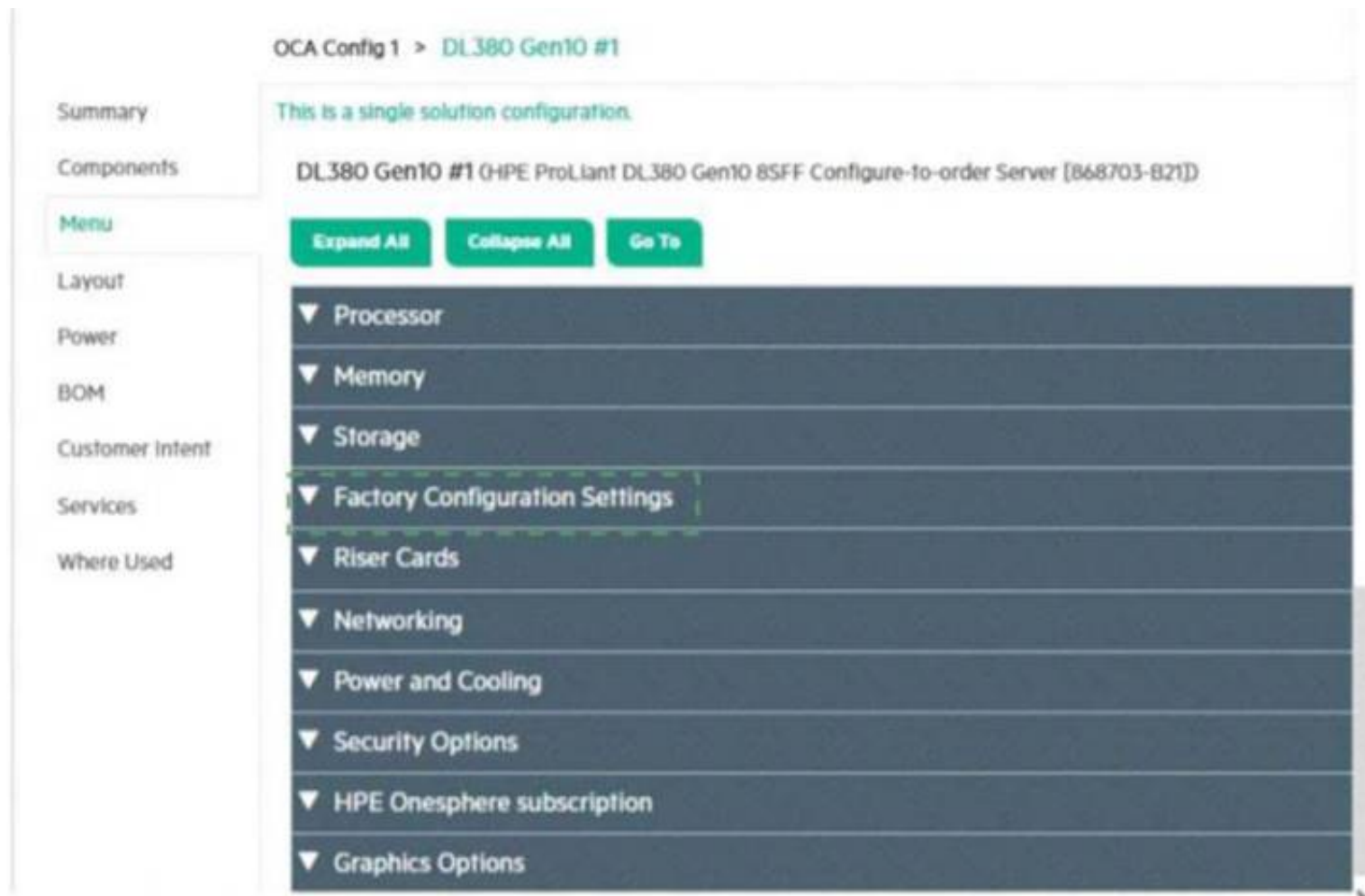D. HPE OneView

Answer: A

NEW QUESTION 21
A customer wants to see how the HPE DL380 Gen10 servers have been placed in the rack you just configured in OCA Click on the exhibit where you would enable this feature in OCA.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

OCA Config 1 > DL380 Gen10 #1

Summary

Components

Menu

Layout

Power

BOM

Customer Intent

Services

Where Used

This is a single solution configuration.

DL380 Gen10 #1 (HPE ProLiant DL380 Gen10 8SFF Configure-to-order Server [868703-B21])

Expand All   Collapse All   Go To

▼ Processor
▼ Memory
▼ Storage
▼ Factory Configuration Settings
▼ Riser Cards
▼ Networking
▼ Power and Cooling
▼ Security Options
▼ HPE Onesphere subscription
▼ Graphics Options

NEW QUESTION 25
A customer needs a cloud-like experience for infrastructure on premises that includes:

» variable payments based on actual metered usage

» rapid scalability using an onsite buffer of extra capacity

» enterprise-grade support

Which HPE Service meets the customer needs?

A. HPE GreenLake Service
B. HPE Pointnext Services
C. HPE Digital Transformation Services
D. HPE Datacenter Care Services

Answer: B

NEW QUESTION 26
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 27
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 feature.
Which HPE platform should you recommend?

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

Answer: D

NEW QUESTION 31
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.

Answer Area

Supported Technology	Cables and Adapters
	HPE FlexNetwork X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable
	HPE Multi Fiber Push On to 4 x Lucent Connector 5m Cable
	HPE B-series 4x16 Short Wave QSFP Transceiver
	HPE B-series SFP+ to SFP+ Active Copper 3.0m Direct Attach Cable

Ethernet only

Fibre Channel only

Ethernet or Fibre Channel

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Ethernet only

Fibre Channel only

Ethernet or Fibre Channel

Supported Technology	Cables and Adapters
Ethernet or Fibre Channel	HPE FlexNetwork X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable
Ethernet only	HPE Multi Fiber Push On to 4 x Lucent Connector 5m Cable
Fibre Channel only	HPE B-series 4x16 Short Wave QSFP Transceiver
Ethernet only	HPE B-series SFP+ to SFP+ Active Copper 3.0m Direct Attach Cable

NEW QUESTION 36
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 41
DRAG DROP
Match each feature to the correct storage platform.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 45
Based on assessment and placement evaluations results, match the product to its levels of reliability, functionality, cost, or availability. (Choose all that apply.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 46
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 48
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 52
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 53
Refer to the Exhibit:

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 57
You propose a Nimble HF40 solution with 4x 10GbaseT ports to a customer The raw capacity Is 500 TIB The customers 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.

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.

Update		Description
HPE Nimble Storage HF20C		Increasing both capacity and max IOPS
HPE Nimble Storage HF40C		Increasing the raw capacity only
HPE Nimble Storage HF60		Increasing the capacity and decreasing IOPS

A. Mastered
B. Not Mastered

Answer: A

Explanation:

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.

Update		Description
HPE Nimble Storage HF20C		HPE Nimble Storage HF40C — Increasing both capacity and max IOPS
HPE Nimble Storage HF40C		HPE Nimble Storage HF20C — Increasing the raw capacity only
HPE Nimble Storage HF60		HPE Nimble Storage HF60 — Increasing the capacity and decreasing IOPS

NEW QUESTION 62
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 67
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 72
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 76
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 81
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.

Answer Area

Supported Technology	Cables and Adapters
	HPE FlexNetwork X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable
	HPE Multi Fiber Push On to 4 x Lucent Connector 5m Cable
	HPE B-series 4x16 Short Wave QSFP Transceiver
	HPE B-series SFP+ to SFP+ Active Copper 3.0m Direct Attach Cable

Ethernet only

Fibre Channel only

Ethernet or Fibre Channel

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Supported Technology	Cables and Adapters
Ethernet or Fibre Channel	HPE FlexNetwork X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable
Ethernet only	HPE Multi Fiber Push On to 4 x Lucent Connector 5m Cable
Fibre Channel only	HPE B-series 4x16 Short Wave QSFP Transceiver
Ethernet only	HPE B-series SFP+ to SFP+ Active Copper 3.0m Direct Attach Cable

Ethernet only

Fibre Channel only

Ethernet or Fibre Channel

NEW QUESTION 85
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 89
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 92
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 96
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 97
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 98
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 103
Which HPE tool combines performance metrics from multiple arrays?

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

Answer: D

NEW QUESTION 105
Match each item to its function. (Choose all that apply.)

Answer Area

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

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 106
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 111
Match the appropriate server, storage, or networking platform to the workload. (Choose all that apply.)

Answer Area

HPE Service	Description
HPE Apollo	The customer requires an integrated solution, with storage, network, computer, and virtualization.
HPE ProLiant ML/DL	The customer requires a traditional infrastructure and fewer servers.
HPE SimpliVity	The customer requires modular infrastructure and many servers.
HPE Synergy	The customer requires purpose-built platform for HPC workloads.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

HPE Service		Description
HPE Apollo	HPE Synergy	The customer requires an integrated solution, with storage, network, computer, and virtualization.
HPE ProLiant ML/DL	HPE ProLiant ML/DL	The customer requires a traditional infrastructure and fewer servers.
HPE SimpliVity	HPE SimpliVity	The customer requires modular infrastructure and many servers.
HPE Synergy	HPE Apollo	The customer requires purpose-built platform for HPC workloads.

NEW QUESTION 112

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