



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

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 3

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.

Answer Area

SimpliVity 4000 Series

SimpliVity 6000 Series

utilizes I/O intensive SSID's capable of 3x higher write endurance

utilizes a Media Lifecycle Manager to ensure 3 years of life on SSD's

is available in Extra Small, Small, Medium, Large, and Extra Large storage capacities

utilizes lower-cost, lower write endurance SSDs

is available in Extra Small, Small, Medium, and Large storage capacities only

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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Answer Area

- SimpliVity 4000 Series
- SimpliVity 6000 Series

SimpliVity 380 Gen10 Series

Description

- | | |
|------------------------|---|
| SimpliVity 6000 Series | utilizes I/O intensive SSD's capable of 3x higher write endurance |
| SimpliVity 4000 Series | utilizes a Media Lifecycle Manager to ensure 3 years of life on SSD's |
| SimpliVity 4000 Series | is available in Extra Small, Small, Medium, Large, and Extra Large storage capacities |
| SimpliVity 4000 Series | utilizes lower-cost, lower write endurance SSDs |
| SimpliVity 6000 Series | is available in Extra Small, Small, Medium, and Large storage capacities only |

NEW QUESTION 4

Which Synergy Composer key feature allows deployment at cloud-like speeds?

- A. direct access to the FLM
- B. built-in OneVlew
- C. built-in 100 Gb network
- D. integration with IMC

Answer: B

NEW QUESTION 5

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 6

A customer is building a new Hybrid Infrastructure data center to support private, public, and hybrid cloud workloads. The customer needs to be able to optimize the performance of East-West network traffic. Which technology should you recommend?

- A. Access/Aggregation/Core
- B. Leaf/Spine
- C. VXLAN/NVGRE
- D. STP/RSTP

Answer: B

NEW QUESTION 7

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 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

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

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

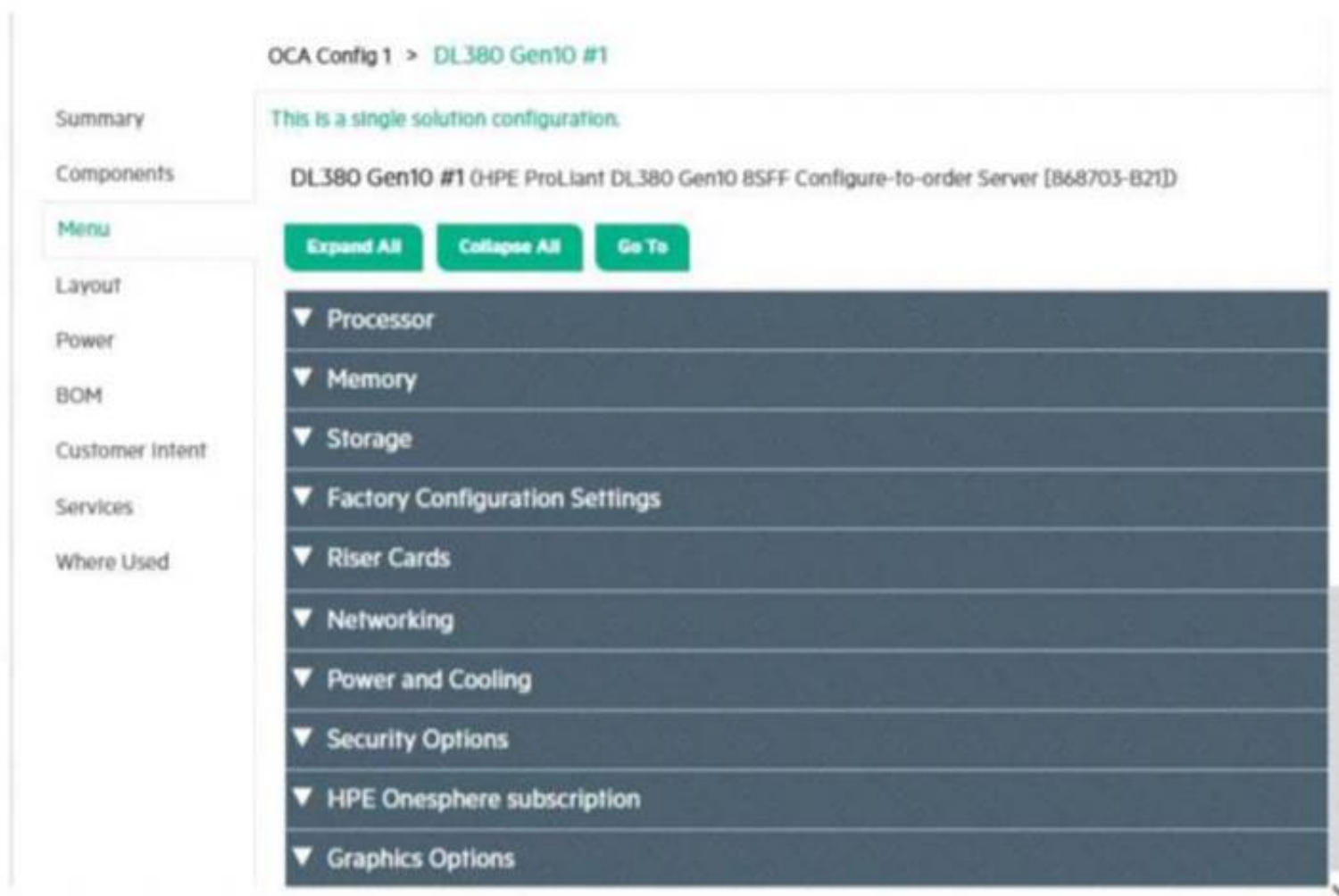
HPE OneView can be used to provision volumes on which HPE solutions'? (Select two)

- A. HPE 3PAR StoreServ
- B. HPE MSA
- C. HPEXP
- D. HPE SimpliVrty
- E. HPE Nimble

Answer: CE

NEW QUESTION 11

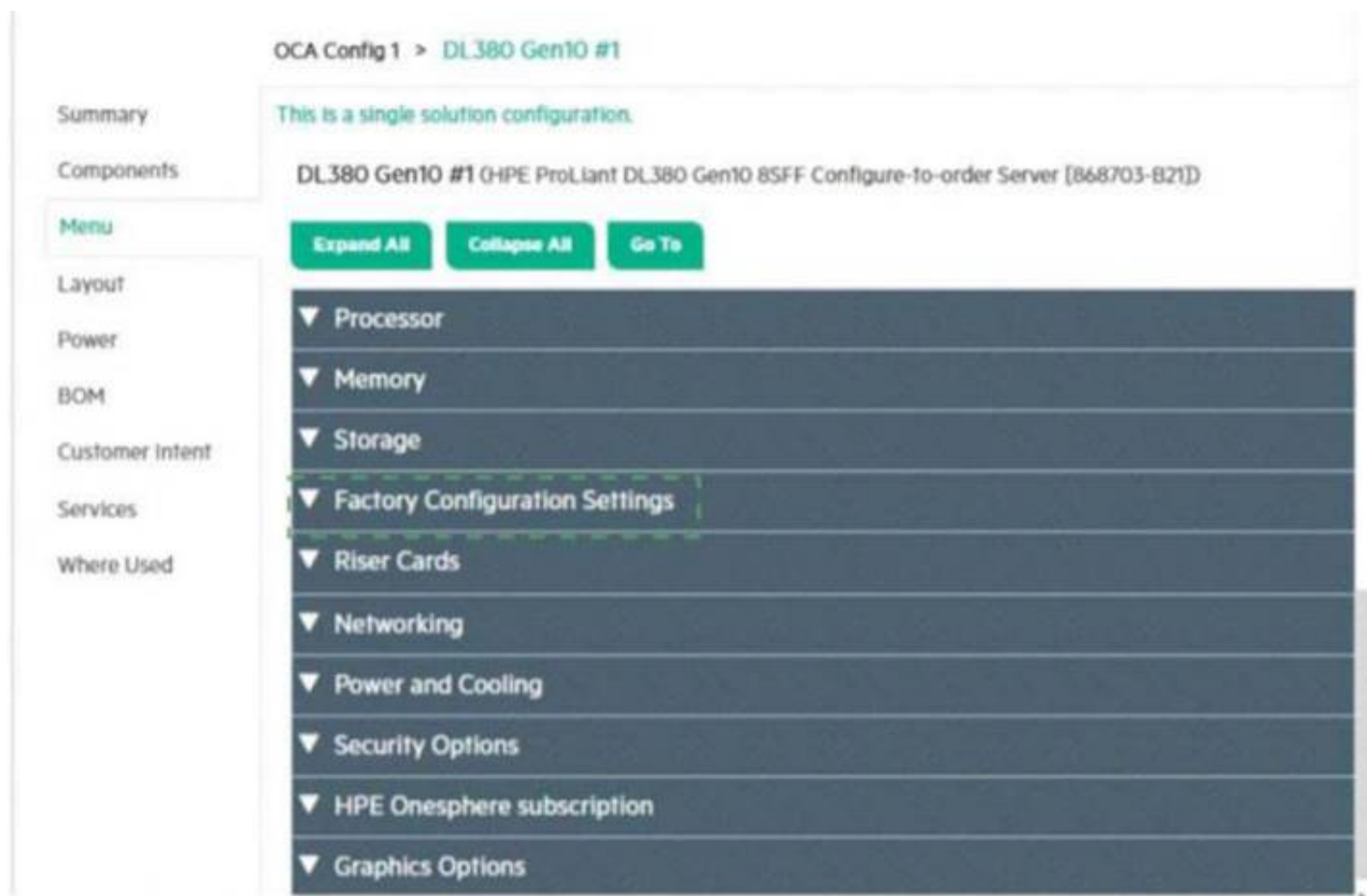
A customer wants to see how the HPE DL380 Gen10 servers have been placed in the rack you just configured in OCA Click on the exhibit where you would enable this feature in OCA.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 14

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 18

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. HPE BL460 Gen10
- B. HPE Synergy SY480 Gen10
- C. HPE DL580 Gen10
- D. HPE SimpliVity 380 Gen10

Answer: A

NEW QUESTION 20

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 Gb 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 24

DRAG DROP

Match each feature to the correct storage platform.

HPE 3PAR StoreServ

HPE Nimble Storage

Answer Area

Storage Platform	Feature
	Active-Active Architecture
	Active-Standby Architecture
	Deduplication and Compression support of data on HDD
	Granular Encryption
	Unified block and file access at the array level

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

HPE 3PAR StoreServ

HPE Nimble Storage

Answer Area

Storage Platform	Feature
HPE 3PAR StoreServ	Active-Active Architecture
HPE 3PAR StoreServ	Active-Standby Architecture
HPE Nimble Storage	Deduplication and Compression support of data on HDD
HPE Nimble Storage	Granular Encryption
HPE 3PAR StoreServ	Unified block and file access at the array level

NEW QUESTION 28

A customer has Just completed implementing a new hyperconverged solution based on SimpliVity 380 Medium Nodes The customer's IT staff has been Informed that, due to an acquisition, they need to expand Analyses shows they are undersized by 12 cores of CPU and 3 TB of storage
 What is the lowest cost recommendation that satisfies the customer's requirements?

- A. Purchase and add two SimpliVity 380 Medium Nodes
 B. Purchase and add one SimpliVity 380 Small Node
 C. Purchase and add one SimpliVity 380 Medium Node
 D. Purchase and add one SimpliVity 380 Extra Small Node

Answer: B

NEW QUESTION 29

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 33

A customer wants to replace their EMC VNX storage array with a new HPE storage solution. Which tool can be used to gather metrics off of the current array to assist in sizing the new solution?

- A. HPE DD Analyzer
 B. HPE NinjaSTARS
 C. HPE SAF Collector
 D. HPE Storage Sizer

Answer: A

NEW QUESTION 35

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 36

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 38

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 43

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 46

A customer needs to replace aging Infrastructure The CIO wants to put everything in the cloud because the Company does not want to own hardware Analysis has shown that several applications cannot be housed in the public cloud due to compliance issues Which HPE solution should be recommended? (Select two)

- A. HPE Datacenter Care
- B. a capital lease
- C. an operating lease
- D. a Green Lake solution

Answer: CD

NEW QUESTION 48

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

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Answer Area

	Supported Technology	Cables and Adapters
Ethernet only	Ethernet or Fibre Channel	HPE FlexNetwork X240 40G QSFP+ to 4x10G SFP+ 1m Direct Attach Copper Splitter Cable
Fibre Channel only	Ethernet only	HPE Multi Fiber Push On to 4 x Lucent Connector 5m Cable
Ethernet or Fibre Channel	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 52

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 53

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 56

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 57

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 62

Which HPE tool combines performance metrics from multiple arrays?

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

Answer: D

NEW QUESTION 65

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 67

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 71

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 74

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 75

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 80

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