Exam Questions HPE0-S57

Designing HPE Hybrid IT Solutions

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NEW QUESTION 1
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 2
A customer requires an integrated compute, multi-terabyte storage, and networking solution that will enable them to rapidly provision their mixed portfolio or applications
Which HPE platform should you recommend?

A. HPE Edgeline
B. HPE ProLiant DL
C. HPE Synergy
D. HPE Superdome Flex

Answer: D

NEW QUESTION 3
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 4
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 380 Gen10 Series	Description
SimpliVity 4000 Series [___]	utilizes I/O intensive SSID's capable of 3x higher write endurance
SimpliVity 6000 Series [___]	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:

Answer Area

SimpliVity 380 Gen10 Series	Description
SimpliVity 6000 Series	utilizes I/O intensive SSID'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

SimpliVity 4000 Series

SimpliVity 6000 Series

NEW QUESTION 5
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 6
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 7
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 8
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 9
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 10
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 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 15
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 20
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 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 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 27
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 28
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
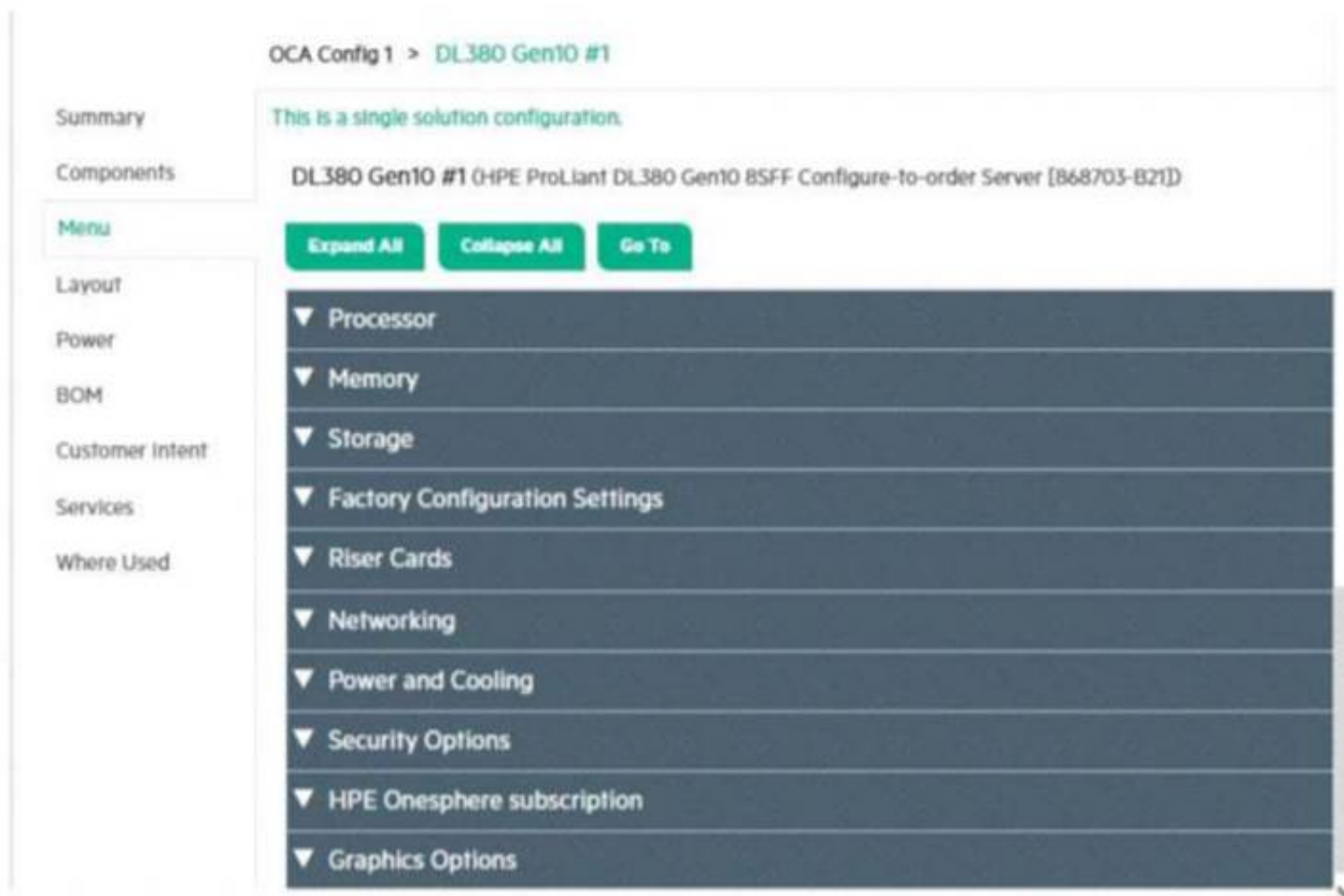D. HPE OneView for VMware vCenter Log Insight

Answer: B

NEW QUESTION 31
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 36
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.
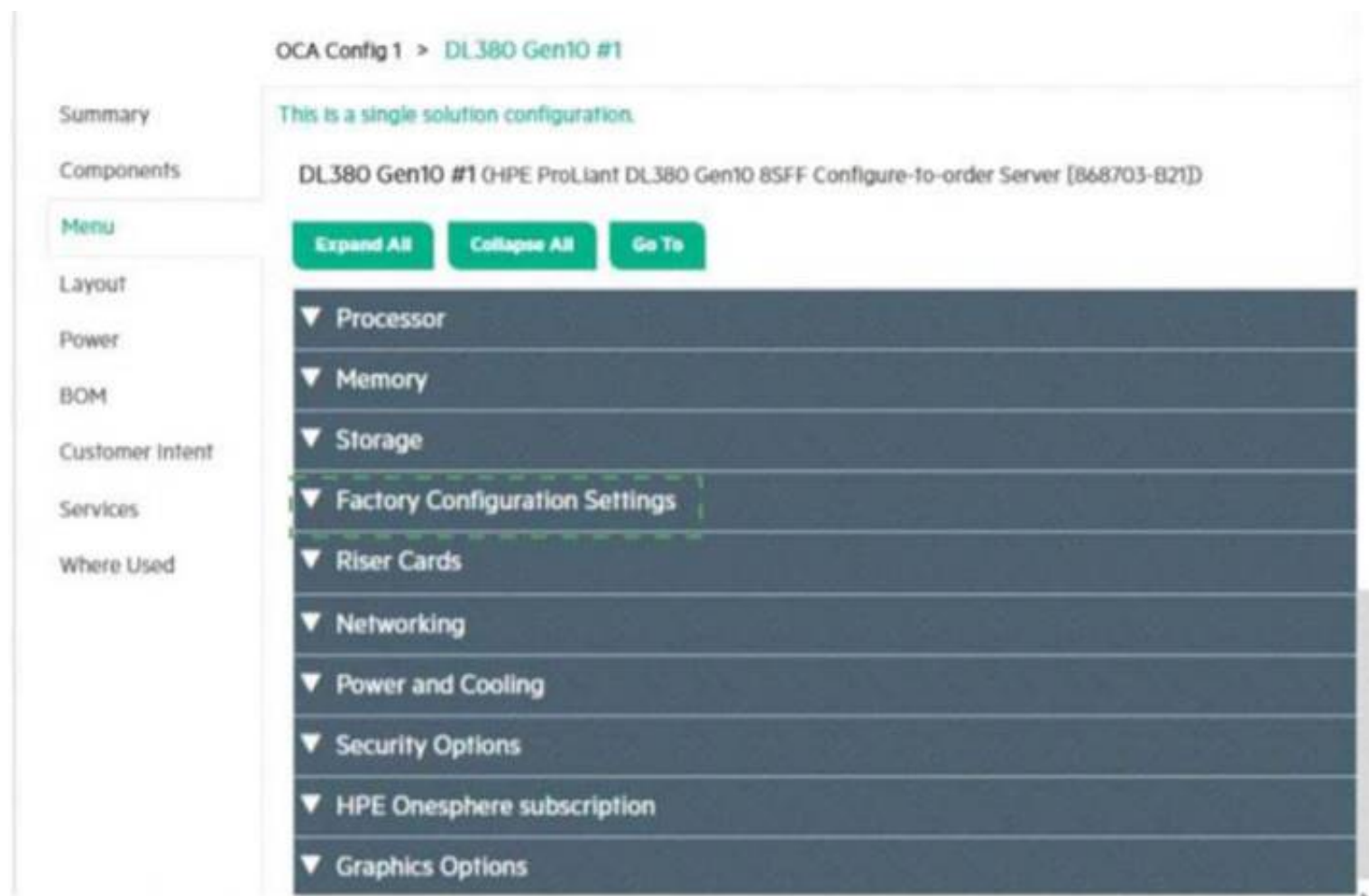

A. Mastered
B. Not Mastered

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 41
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 44
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 48
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 50
Which HPE tool is used to access 3PAR performance information?

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

Answer: D

NEW QUESTION 55
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 59
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 63
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 67
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 72
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 77
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 82
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 86
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 89
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 92
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 94
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 96
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 97
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 101
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 106
Which HPE tool combines performance metrics from multiple arrays?

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

Answer: D

NEW QUESTION 110
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