

HPE0-S57 Dumps

Designing HPE Hybrid IT Solutions

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NEW QUESTION 1

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 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

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 4

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 OfficeConnect 1950
- D. HPE FlexFabric 5940

Answer: C

NEW QUESTION 5

A customer has the following design requirements:

- Support for 16 Gb 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 40 Gb F8 Module for HPE Synergy
- B. HPE Virtual Connect SE 16 Gb FC Module for HPE Synergy
- C. HPE Synergy 8 Gb FC License Upgrade
- D. Brocade 16 Gb Fibre Channel SAN Switch Module for HPE Synergy

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

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 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

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- C. HPE Synergy 8Gb FC License Upgrade
- D. Brocade 16Gb Fibre Channel SAN Switch Module for HPE Synergy

Answer: D

NEW QUESTION 10

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 10

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 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 SimpliVity 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 20

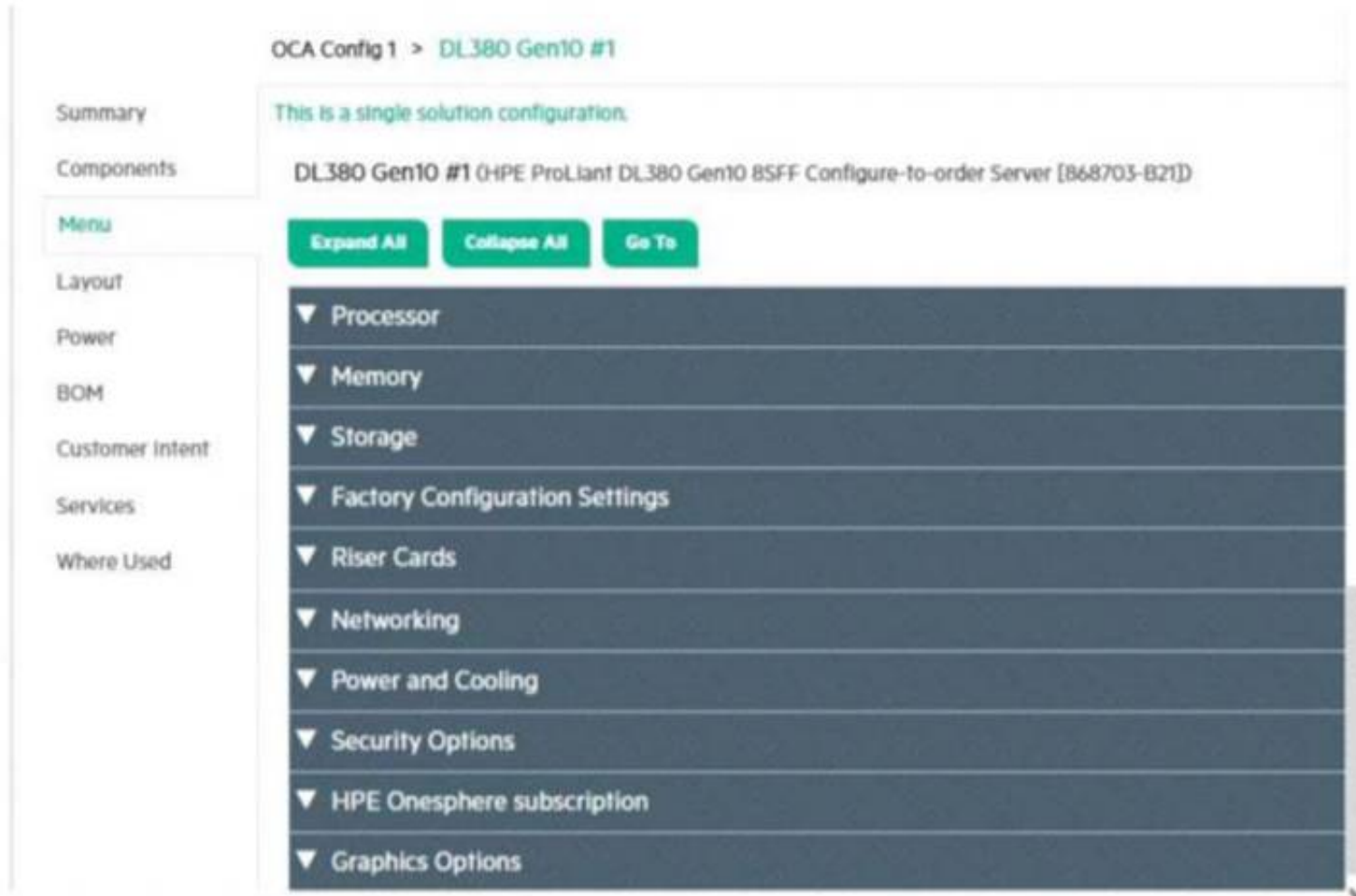
A customer is considering a hyperconverged solution to consolidate their current virtualization environment. Which question should you ask to determine whether SimpliVity is the correct platform?

- 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 23

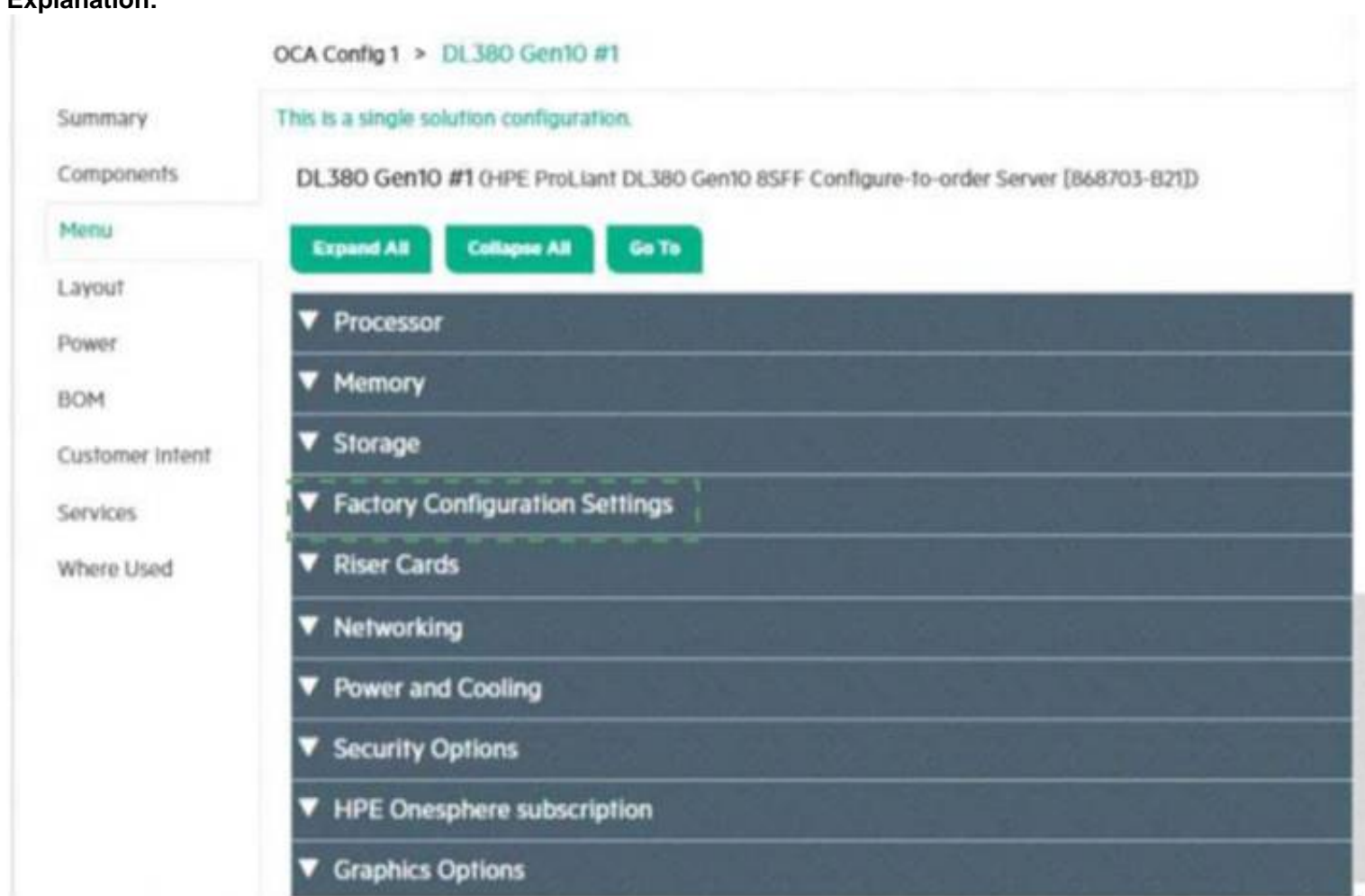
A customer wants to see how the HPE DL380 Gen10 servers have been placed in the rack you just configured in OCA Click on the exhibit where you would enable this feature in OCA.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 25

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 30

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 33

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 36

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 39

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 1-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 44

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 49

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 52

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 54

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 56

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:

Match each HPE Assessment Foundry tool to its primary function.

Tool		Function
NinjaCrawler	SAF Collect	Analyze key industry backup metrics, and identify potential savings through data deduplication.
NinjaProtected	NinjaProtected	Emulate HPE 3PAR data reduction from actual raw host data.
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 58

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 60

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 65

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 69

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

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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 72

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 75

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 77

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 80

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 81

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