

Exam Questions HPE0-V14

Building HPE Hybrid IT Solutions

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NEW QUESTION 1

- (Exam Topic 1)

A customer has a new virtual environment. They selected HPE servers for the environment in order to achieve better performance for their applications. Which HPE feature enables the customer to achieve this server performance improvement?

- A. embedded application
- B. workload performance advisor
- C. workload profile
- D. Active Health System

Answer: B

NEW QUESTION 2

- (Exam Topic 1)

Which hardware and software components make up a Nimble dHCI infrastructure?

- A. HPE M-Series switch, HPE ProLiant DL servers, HPE Nimble, and VMware
- B. Aruba Switches, HPE Synergy, HPE Nimble, and VMware
- C. HPE M-Series switch, HPE ProLiant DL servers, HPE Nimble, and Hyper-V
- D. Aruba Switches, HPE Synergy, HPE Nimble, and Hyper-V

Answer: A

NEW QUESTION 3

- (Exam Topic 1)

Match each HPE solution to its corresponding technology usage.

Answer Area

HPE Solution		Usage
HPE OneView Advanced	<input type="text"/>	single-pane management and monitoring for selected HPE devices
HPE ProLiant	<input type="text"/>	industry-leading server platform for a broad range of workloads
HPE Simplivity	<input type="text"/>	purpose-built hyperconverged solution

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

HPE Solution		Usage
HPE OneView Advanced	HPE OneView Advanced	single-pane management and monitoring for selected HPE devices
HPE ProLiant	HPE ProLiant	industry-leading server platform for a broad range of workloads
HPE Simplivity	HPE Simplivity	purpose-built hyperconverged solution

NEW QUESTION 4

- (Exam Topic 1)

Match each characteristic to the appropriate RAID level.

Answer Area

RAID level	Characteristic
Raid0	double parity striped across all disks
Raid1	if one disk fails, all data is lost
Raid5	requires a minimum of 3 disk drives
Raid6	requires 50% of raw capacity for fault protection

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

RAID level	Characteristic
Raid0	Raid6 double parity striped across all disks
Raid1	Raid0 if one disk fails, all data is lost
Raid5	Raid5 requires a minimum of 3 disk drives
Raid6	Raid1 requires 50% of raw capacity for fault protection

NEW QUESTION 5

- (Exam Topic 1)

A customer needs a shared storage solution for a virtualization platform that will host a database application. The customer is considering an HPE Nimble array. Which feature would lead you to propose an HPE Nimble AF40 over an HPE 3PAR All Flash array?

- A. Fibre Channel Connectivity
- B. 10Gb iSCSI support
- C. Supported by Infosight for predictive analytics
- D. Predictable performance event with one failed controller

Answer: C

NEW QUESTION 6

- (Exam Topic 1)

A customer needs a new environment to support an ERP system. The sizing information you received shows the following requirements:

3 servers with dual AMD processors, 256GB RAM, and 10Gb network connectivity

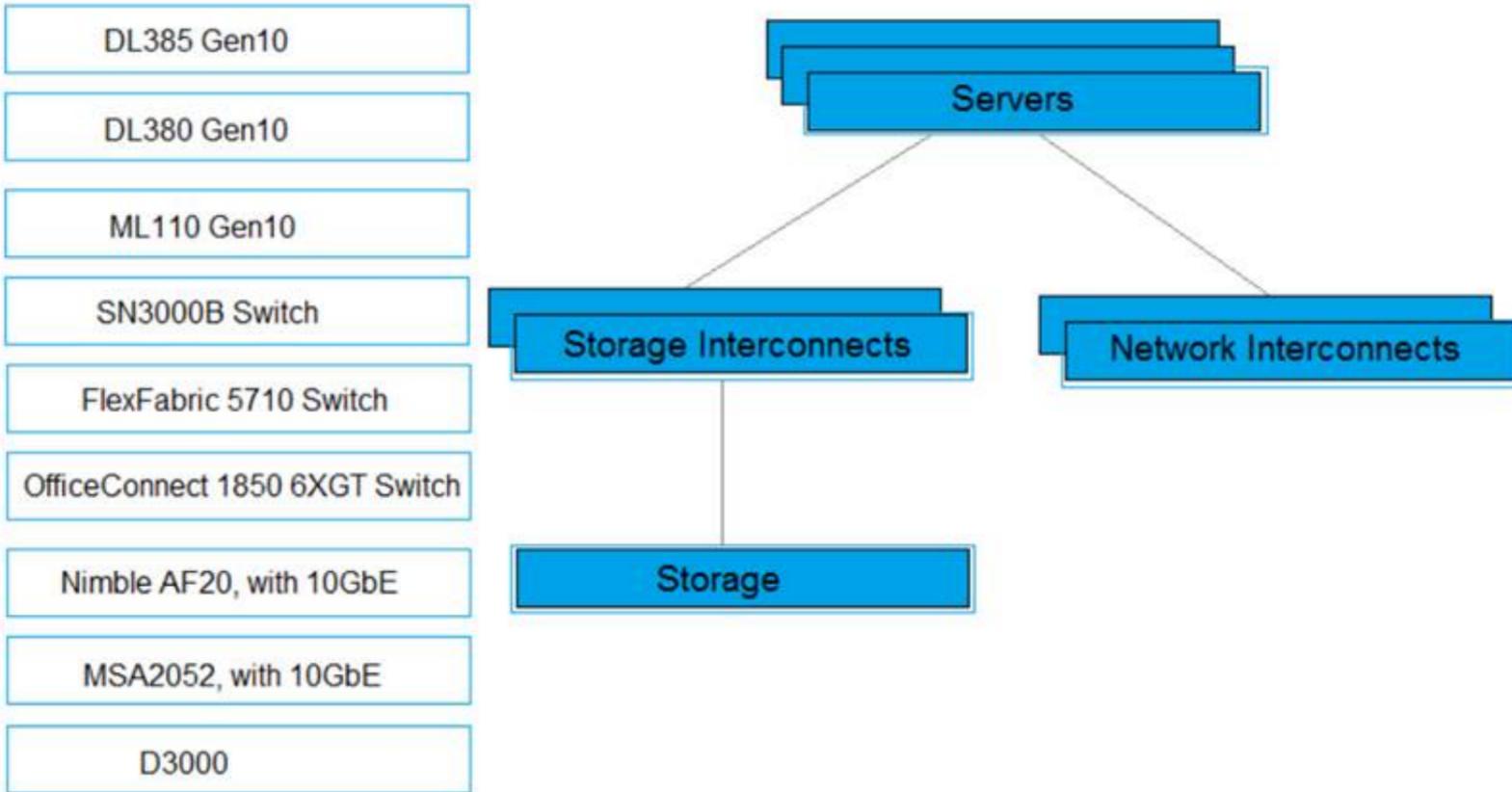
10TB of high performance shared storage

Cloud-based performance monitoring and analytics

The customer prefers rack mounted equipment.

Identify the components that will meet the customer requirements, then drag the correct components on the left to their appropriate location in the environment on the right.

Answer Area

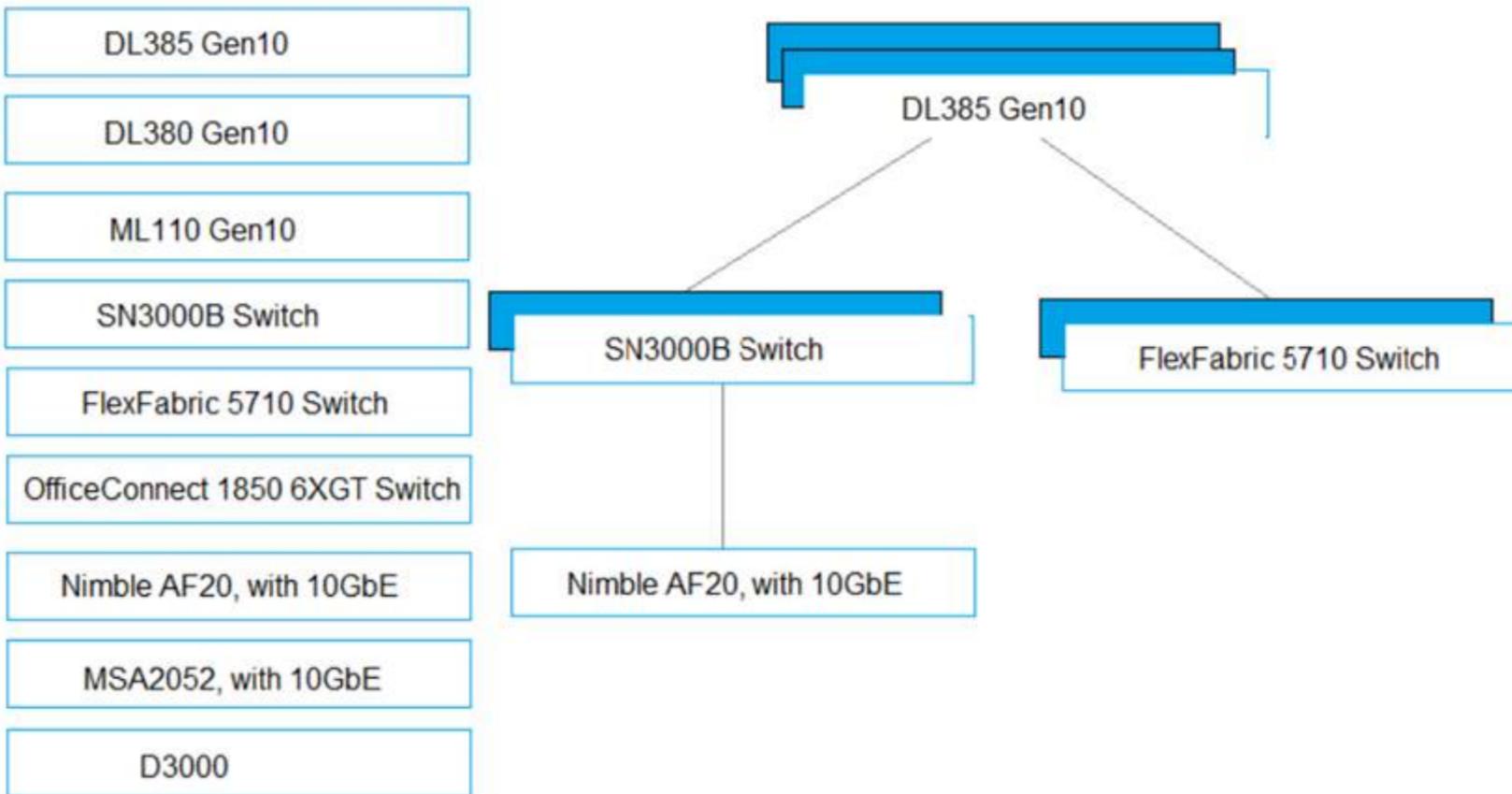


- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 7

- (Exam Topic 1)

Which HPE solution brings together CPU, Memory, and Disk with an unpredictable workload into a single management infrastructure?

- A. dHCI
- B. SimpliVity
- C. Nimble
- D. Primera

Answer: B

NEW QUESTION 8

- (Exam Topic 1)

A retail company recently implemented a Video surveillance solution. They now need an MSA storage solution with 100TB capacity. They want to be able to add more disk capacity if needed.

Which HPE tool can help you choose a storage solution, determine the total usable capacity, and create a BOM?

- A. HPE SPOCK
- B. HPE NinjaSTARS
- C. HPE Storage Sizing Tool
- D. HPE One Config Advanced

Answer: A

NEW QUESTION 9

- (Exam Topic 1)

Which backup targets are available from an HPE StoreOnce backup system? (Choose two.)

- A. VTL
- B. Catalyst
- C. NVMe
- D. S3
- E. iSCSI

Answer: AB

NEW QUESTION 10

- (Exam Topic 1)

Refer to the exhibit.

Qty	Product Description
1	HPE StoreOnce 3620 24TB System
1	HPE StoreOnce Encryption E-LTU
1	HPE 3Y Foundation Care 24x7 SVC
1	HPE StoreOnce 3620 24TB System Support

A customer has been using VEEAM and the HPE StoreOnce 3620 shown in the exhibit to backup their environment. The customer's legal team has asked to double their retention times for all backup sets, and they are starting to run out of space on the StoreOnce.

Which options could you recommend that the customer add to their existing configuration to accommodate the new requirement? (Select two. Each option represents a separate solution.)

- A. HPE StoreOnce Cloud Bank Storage
- B. HPE StoreOnce 3620 24TB Capacity Upgrade Kit
- C. HPE StoreOnce Gen4 16Gb Fibre Channel Network Card
- D. HPE StoreOnce Gen4 10/25Gb SFP Network card
- E. HPE D3710 Storag

Answer: BD

NEW QUESTION 10

- (Exam Topic 1)

A client complains about systems reliability issues caused by their staff's inability to identify the root cause of failures. The client's lead administrator wants to automatically send data from HPE OneView to additional listeners in the network.

What should you configure in HPE OneView to enable the external monitoring of the managed devices?

- A. Configure a scope to include the listener.
- B. Configure SNMP Trap Forwarding.
- C. Configure scheduled reports to export the data to the listener.
- D. Configure the listener as a managed device.

Answer: B

NEW QUESTION 12

- (Exam Topic 1)

Refer to the exhibit.

Processor Option Kits (Required Processor)
2nd Generation Intel Xeon-Platinum
 HPE DL380 Gen10 Intel Xeon-Platinum 8280M (2.7GHz/28-core/205W) FIO Processor Kit
 NOTE: Ships with Performance Heatsink
 HPE DL380 Gen10 Intel Xeon-Platinum 8280L (2.7GHz/28-core/205W) FIO Processor Kit
 NOTE: Ships with Performance Heatsink
 HPE DL380 Gen10 Intel Xeon-Platinum 8280 (2.7GHz/28-core/205W) FIO Processor Kit
 NOTE: Ships with Performance Heatsink
 HPE DL380 Gen10 Intel Xeon-Platinum 8276M (2.2GHz/28-core/165W) FIO Processor Kit
 NOTE: Ships with Performance Heatsink
 HPE DL380 Gen10 Intel Xeon-Platinum 8276L (2.2GHz/28-core/165W) FIO Processor Kit
 NOTE: Ships with Performance Heatsink
 HPE DL380 Gen10 Intel Xeon-Platinum 8276 (2.2GHz/28-core/165W) FIO Processor Kit
 NOTE: Ships with Performance Heatsink
 HPE DL380 Gen10 Intel Xeon-Platinum 8270 (2.7GHz/26-core/205W) FIO Processor Kit
 NOTE: Ships with Performance Heatsink
 HPE DL380 Gen10 Intel Xeon-Platinum 8268 (2.9GHz/24-core/205W) FIO Processor Kit
 NOTE: Ships with Performance Heatsink
 HPE DL380 Gen10 Intel Xeon-Platinum 8260Y (2.4GHz/24-20-16-core/165W) FIO Processor Kit
 NOTE: Ships with Performance Heatsink
 HPE DL380 Gen10 Intel Xeon-Platinum 8260M (2.4GHz/24-core/165W) FIO Processor Kit
 NOTE: Ships with Performance Heatsink
 HPE DL380 Gen10 Intel Xeon-Platinum 8260L (2.4GHz/24-core/165W) FIO Processor Kit
 NOTE: Ships with Performance Heatsink
 HPE DL380 Gen10 Intel Xeon-Platinum 8260 (2.4GHz/24-core/165W) FIO Processor Kit
 NOTE: Ships with Performance Heatsink
 HPE DL380 Gen10 Intel Xeon-Platinum 8256 (3.8GHz/4-core/105W) FIO Processor Kit
 NOTE: Ships with Performance Heatsink
 HPE DL380 Gen10 Intel Xeon-Platinum 8253 (2.2GHz/16-core/125W) FIO Processor Kit
1st Generation Intel Xeon-Platinum
 HPE DL380 Gen10 Intel Xeon-Platinum 8180M (2.5GHz/28-core/205W) FIO Processor Kit

A customer has two HPE ProLiant DL380 Gen10 servers running as an Oracle cluster. They are trying to reduce licensing costs and want to move to the best processor available from the list to minimize licensing costs while still providing a high level of performance for the Oracle database. Which DL380 Gen10 processor would you recommend?

- A. Intel Xeon-Platinum 8280M
- B. Intel Xeon-Platinum 8280
- C. Intel Xeon-Platinum 8256
- D. Intel Xeon-Platinum 8253

Answer: D

NEW QUESTION 17

- (Exam Topic 1)

What is a feature of the MSA 1050 that will help your Storage Customer better utilize storage resources?

- A. block, file, and object access
- B. Triple+ parity RAID
- C. Automated Tiering
- D. 99.9999% guaranteed availability

Answer: C

NEW QUESTION 19

- (Exam Topic 1)

Refer to the exhibit.

```
<Switch-A>display int Ten-GigabitEthernet 1/0/1 Ten-GigabitEthernet1/0/1 Current state: UP
Line protocol state: UP IP packet frame type: Ethernet II, hardware address: d894-03fb-793d
Description: Ten-GigabitEthernet1/0/1 Interface Bandwidth: 10000000 kbps Loopback is not
set Media type is stack wire, port hardware type is STACK_SFP_PLUS 10Gbps-speed mode, full-
duplex mode Link speed type is autonegotiation, link duplex type is autonegotiation Flow-
control is not enabled Maximum frame length: 10000 Allow jumbo frames to pass Broadcast
max-ratio: 100% Multicast max-ratio: 100% Unicast max-ratio: 100% PVID: 1 MDI type:
Automdix Port link-type: Trunk VLAN Passing: 10, 20 VLAN permitted: 10, 20 Trunk port
encapsulation: IEEE 802.1q Port priority: 0 <SNIP>
```

An administrator connected a hypervisor to interface Ten-GigabitEthernet1/0/1 in a switch. The administrator created virtual machines in VLAN 10 and 20 on the hypervisor. VLAN 10 is configured to be tagged, and VLAN 20 is configured to be untagged on the hypervisor. The administrator found that all the virtual machines in VLAN 20 can communicate with each other, but not with any virtual machines on VLAN 20 external to the hypervisor.

Given the output in the exhibit, what should you do to resolve the issue?

- A. Permit VLAN 1 on the interface.
- B. Configure the PVID of the interface to be VLAN 20.
- C. Configure the interface as an access port.
- D. Configure the interface as an IRF port.

Answer: D

NEW QUESTION 22

- (Exam Topic 1)

Refer to the exhibit.

```
admin> cfgshow

Defined configuration:
  cfg:      zone_cfg_1
           nimble_esx_1_zone
zone:      nimble_esx_1_zone
           ESX1; NIMBLE1A
alias:     ESX1 51:40:2e:c0:11:0b:a4:c0
alias:     NIMBLE1A
           56:c9:ce:90:20:50:68:01

Effective configuration:
  cfg:      zone_cfg_1
zone:      nimble_esx_1_zone
           51:40:2e:c0:11:0b:a4:c0
           56:c9:ce:90:20:50:68:01
```

When performing a code upgrade on an HPE Nimble array, you noticed a connection failure on ESX1. Refer to the exhibit showing the complete zoning configuration of one of the HPE SN3000B switches.

What should you do to ensure storage access is not interrupted when doing the next update?

- A. Create an ISL between the two HPE SN3000B switches.
- B. Create a new zone for ESX1 and the second storage controller.
- C. Change the timeout values on the SN3000B switch.
- D. Configure the same zone on a second HPE SN3000B.

Answer: C

NEW QUESTION 26

- (Exam Topic 2)

A customer is building out their rack of servers and storage systems. They need a high-performance network with a simple centralized management capability and deep buffer support for iSCSI. They expect high growth in their virtualization environment.

Which solution will best meet the customer's needs?

- A. Aruba
- B. Altoline
- C. Arista
- D. FlexFabric

Answer: D

NEW QUESTION 28

- (Exam Topic 2)

A customer needs a video archive repository initially starting at 30TB internal storage. The repository is expected to grow at 20% annually and should have a lifespan of 3 years.

Which HPE ProLiant server solution meets the customer's requirements?

- A. HPE ProLiant DL560 Gen10 with LFF SAS drives
- B. HPE ProLiant DL380 Gen10 with LFF SAS drives
- C. HPE ProLiant ML110 with SFF SAS drives
- D. HPE ProLiant DL560 Gen9 with SFF SAS drives

Answer: B

NEW QUESTION 32

- (Exam Topic 2)

You are configuring a FlexFabric switch for a customer environment. The customer has requested specific SFP+ transceivers, power options, and cables. Which HPE tool enables you to select and configure a switch according to precise specifications?

- A. Single Point of Connectivity Knowledge (SPOCK)
- B. Networking Online Configurator
- C. One Config Simple (OCS)
- D. Switch Selector

Answer: C

NEW QUESTION 33

- (Exam Topic 2)

Exhibit:

- 2vCPU
- 8 GB RAM
- 1 Gb dedicated network
- 50 GB Disk

Which HPE ProLiant Server meets the customer's requirements?

- HPE ProLiant DL360 Gen10 with:
 - 1 dual 1 GB NIC
 - 2 CPU
 - 4 10 Gb port NIC
 - 2 CNA
 - 4 10 Gb FlexLOM
- HPE ProLiant DL380 Gen10 with:
 - 1 dual 1 GB NIC
 - 2 CPU
 - 4 10 Gb port NIC
 - 2 FC HBA
 - 4 10 Gb FlexLOM
- HPE ProLiant DL380 Gen10 with:
 - 2 CPU
 - 4 10 Gb port NIC
 - 1 dual port FC HBA
 - 4 10 Gb FlexLOM
- HPE ProLiant DL360 Gen10 with:
 - 1 CPU
 - 4 10 Gb ports NIC
 - 2 FC HBA
 - 4 10 Gb FlexLOM

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: B

NEW QUESTION 38

- (Exam Topic 2)

A customer requires an entry-level, all-flash storage system with predictable performance at the lowest possible price. They have performance-sensitive workloads that require speed and efficiency.

Which HPE storage system meets the customer's requirements?

- A. 3PAR 8450
- B. MSA 2052
- C. StoreVirtual 4335
- D. Nimble AF 1000

Answer: A

NEW QUESTION 41

- (Exam Topic 2)

A customer has an application that consumes 500 GB storage and requires an RTO and PRO of 15 minutes.

Which backup and recovery technology enables the customer to meet their requirements in the most cost-effective manner?

- A. offsite tape backup
- B. remote storage replication
- C. log shipping
- D. disk-to-disk appliance

Answer: D

NEW QUESTION 44

- (Exam Topic 2)

A company needs a solution that provides SMB and NFS file shares. The solution must have a built-in data backup to Microsoft Azure.

Which HPE solution meets the customer's needs?

- A. StoreOnce 3520
- B. StoreEasy 1000
- C. StoreOnce VSA

D. StoreVirtual VSA

Answer: B

NEW QUESTION 47

- (Exam Topic 2)

A customer needs to replace an existing storage array. The new array must be suitable for remote office deployment and support the following:

- > Multi-protocol connectivity
- > Flash-accelerated storage
- > Low-cost midline SAS drives

Which HPE storage platform will meet these requirements?

- A. StoreVirtual VSA
- B. MSA
- C. SimpliVity
- D. StoreEasy

Answer: B

NEW QUESTION 49

- (Exam Topic 2)

Match the HPE Tool with its use case. Select all that apply.

HPE Tool

Use Case

- Single Point of Connectivity Knowledge (SPOCK)
- One Config Advanced (OCA)
- Products & Solutions Now (PSNow)
- Ninja Stars
- iQuote

Estimate the power and cooling requirements and weight for a rack of equipment.

Check compatibility of storage components.

Download a technical presentation for a DL380 Gen10.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

One Config Advanced (OCA) - Estimate the power and cooling requirements and weight for a rack of equipment
 Single Point of Connectivity Knowledge (SPOCK) - Check compatibility of storage components
 Products and solutions Now (PSNow) - Download a technical presentation for a DL380 Gen10

NEW QUESTION 52

- (Exam Topic 2)

You are troubleshooting a POST error on a HPE ProLiant rack-mount server. HPE support has directed you to test a minimum hardware configuration. Which components should you remove? (Choose two.)

- A. CMOS battery
- B. all cooling fans
- C. all expansion boards
- D. all external storage media
- E. redundant processors

Answer: DE

NEW QUESTION 53

- (Exam Topic 2)

A customer needs to share files among their Microsoft Windows servers cost-effectively and requires disaster support. Which native StoreEasy features will address the customer's need? (select two) recovery

- A. Dual controller architecture
- B. DFS-Replication
- C. Microsoft Azure support
- D. Enhanced data deduplication

E. File classification infrastructure

Answer: CD

NEW QUESTION 56

- (Exam Topic 2)

You are troubleshooting HPE ProLiant servers for a customer. The customer has granted you read-only access to HPE OneView. You need to download the audit log from OneView.

Which permission level should the customer give you?

- A. Network administrator
- B. Infrastructure administrator
- C. Backup administrator
- D. Server administrator

Answer: D

NEW QUESTION 59

- (Exam Topic 2)

A customer requires an entry-level, all-flash system with predictable performance at the lowest possible price. They have performance-sensitive workloads that require speed and efficiency.

Which HPE storage system needs the customer's requirements?

- A. Nimble CS1000
- B. Nimble SFA
- C. Nimble AF1000
- D. Nimble AF5000

Answer: B

NEW QUESTION 63

- (Exam Topic 2)

A customer wants to safeguard their server firmware and asks you about the HPE ProLiant Gen10 features that provide this level of security.

Which Gen10 feature best addresses the customer's concern?

- A. The Secure Boot feature in Gen10 servers checks the signature of the firmware drivers and other files to ensure that the firmware is trusted by the operating system.
- B. Gen10 servers use silicon root of trust to validate and detect corrupted firmware, and authentication to block unauthorized updates.
- C. Gen10 servers support data encryption at rest, which uses cryptography on the database housing the data and on the physical storage where the databases are stored.
- D. The Trusted Platform Module (TPM) in Gen10 servers protects firmware by using public and private key encryption.

Answer: B

NEW QUESTION 65

- (Exam Topic 2)

A customer requires a recovery strategy that provides multiple rollback points during the day for their Microsoft SQL database. The customer needs to be able to recover data instantly.

Which method meets this requirement?

- A. offsite log shipping
- B. tape copy
- C. storage replication
- D. snapshot

Answer: D

NEW QUESTION 70

- (Exam Topic 2)

You are working on a server, and you notice that the blue UID light on the server is flashing slowly. What does this indicate?

- A. The host server is in standby mode
- B. The system is being managed remotely
- C. The host has rebooted and is performing POST actions
- D. The system is experiencing power issues

Answer: B

NEW QUESTION 75

- (Exam Topic 2)

A customer is configuring their SAN.

Which types of data typically require block storage? (Choose two.)

- A. Windows 2016 file server role
- B. Microsoft Exchange
- C. Oracle database
- D. Bridgehead medical image archive

E. Enterprise Vault email archive

Answer: BC

NEW QUESTION 77

- (Exam Topic 2)

While troubleshooting a HPE ProLiant Gen10 rack-mount server, you determine that the current and backup system ROMs are corrupt. What should be the next step to fix the server?

- A. Restore the system firmware from a USB drive
- B. Restore the system firmware from a UEFI shell prompt
- C. Replace the CMOS battery
- D. Restore the system firmware from the iLO repository
- E. Replace the system board

Answer: E

NEW QUESTION 80

- (Exam Topic 2)

You are managing a HPE ProLiant rack-mount server and need to determine when the Remote Console was most recently used. Where can you find this information?

- A. System
- B. IML
- C. iLO
- D. Audit

Answer: C

NEW QUESTION 83

- (Exam Topic 2)

You are designing a system for a customer that has a contract with a government agency. The contract requires the highest level of security algorithms possible. Which HPE ProLiant Gen10 feature set will address this customer's needs?

- A. CNSA mode
- B. FIPS 140-2 mode
- C. high security mode
- D. production mode

Answer: A

NEW QUESTION 86

- (Exam Topic 2)

When should you use the HPE Switch Selector?

- A. when you need to list the price information of the switches
- B. when you need to select a switch VLAN configuration
- C. when you need to compare features between multiple switches
- D. when you need to perform a competitive analysis between vendors

Answer: C

NEW QUESTION 90

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