

## HPE0-V14 Dumps

### Building HPE Hybrid IT Solutions

<https://www.certleader.com/HPE0-V14-dumps.html>



**NEW QUESTION 1**

- (Exam Topic 1)

You have configured a port on an HPE FlexFabric 5900 series switch that is connected to a VMware ESXi server to support multiple VLANs.

```
interface Ten-GigabitEthernet 1/0/11 description server ESXi01 -eth1 port link-type trunk
port trunk permit vlan 50 port trunk permit vlan 2 port trunk pvid vlan 50
```

Given the configuration above, what should happen to any of the untagged traffic coming from the VMware ESXi host?

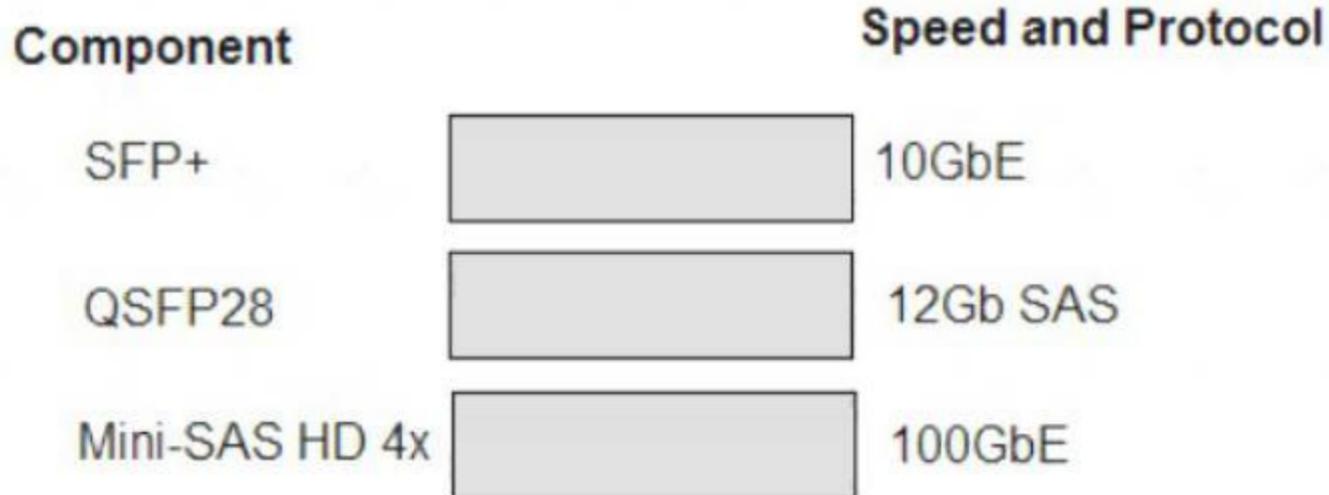
- A. The untagged traffic will be dropped.
- B. The untagged traffic will be transmitted in vlan 2.
- C. The untagged traffic will be transmitted in vlan 50.
- D. The untagged traffic will be transmitted in vlan 1.

**Answer: C**

**NEW QUESTION 2**

- (Exam Topic 1)

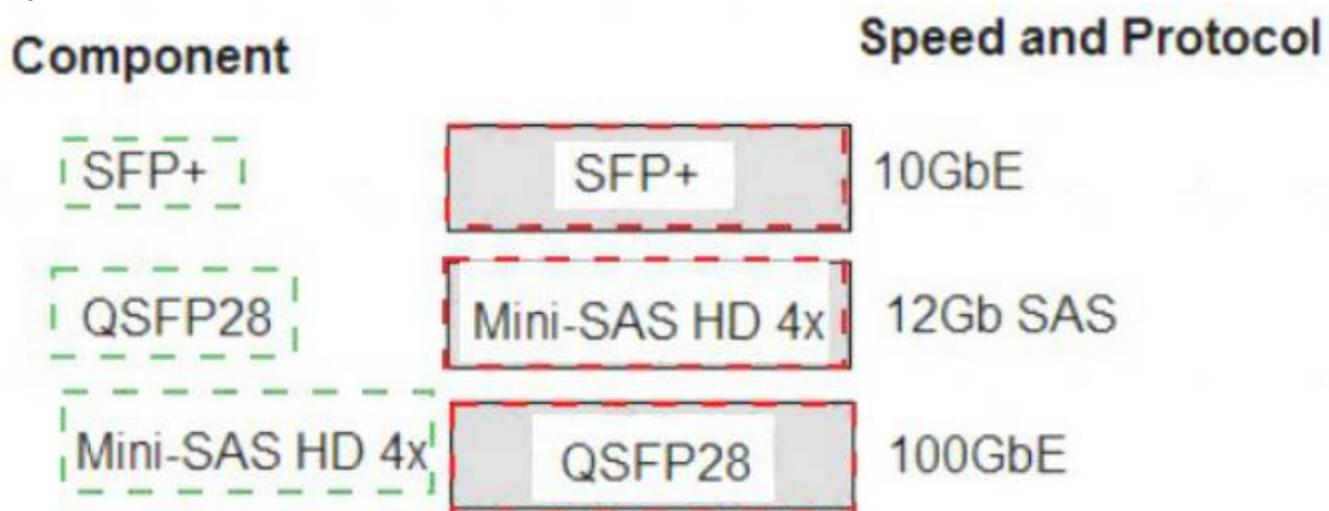
Match the speed and protocol with the appropriate component.



- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**



**NEW QUESTION 3**

- (Exam Topic 1)

What should you configure to limit the scope of broadcast domains in an Ethernet network?

- A. Trunks
- B. VSAN
- C. Static ARP
- D. VLAN

**Answer: D**

**NEW QUESTION 4**

- (Exam Topic 1)

You are creating a configuration for a new Nimble HF40 array.

Which tool should you use to ensure that you include adequate cache in the configuration?

- A. HPE NinjaSTARS
- B. HPE Storage Sizer
- C. HPE OneView
- D. HPE SPOCK

**Answer:** A

**NEW QUESTION 5**

- (Exam Topic 1)

HPE Support asks you to generate an SSD wear gauge report for local storage on an HPE DL360 Gen10 server running VMware. Which procedure will ensure that the server will boot directly into a maintenance state so you can generate the requested report?

- A. Changing the one-time boot option to Smart Storage Administrator in iLO web-based user interface
- B. Use Always On functionality of Intelligent Provisioning
- C. Changing the one-time boot option to Intelligent Provisioning in iLO web-based user interface
- D. Click Boot to System Setup Utilities in iLO web-based user interface
- E. Changing the one-time boot option to Intelligent Provisioning in HPE OneView

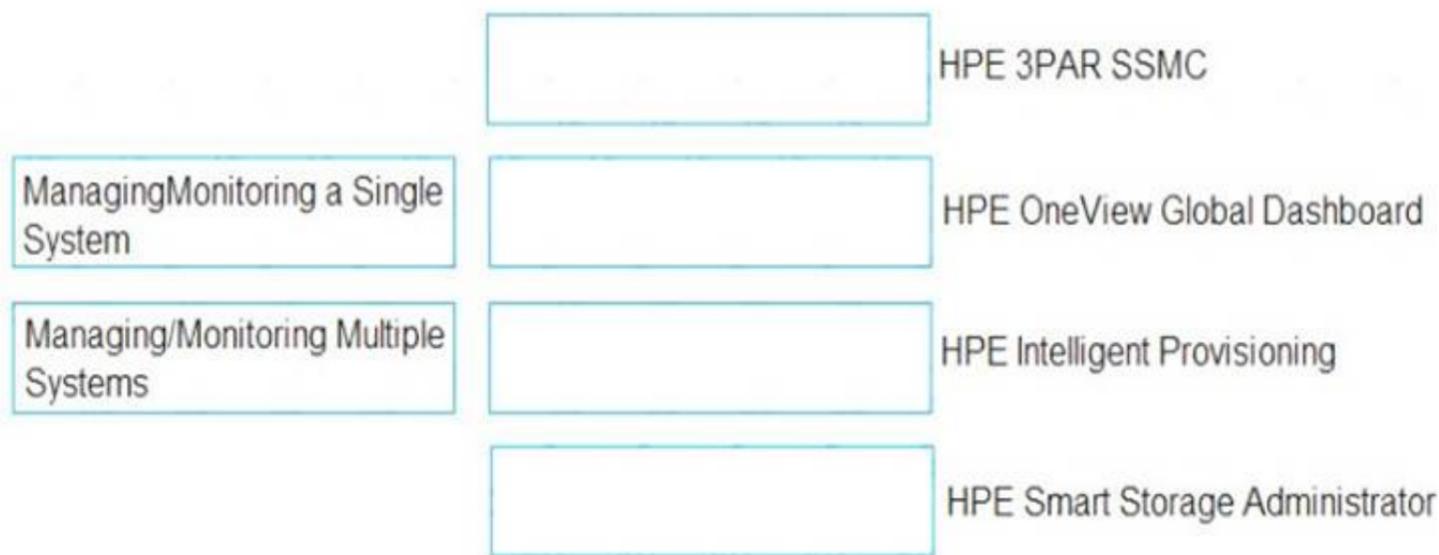
**Answer:** A

**NEW QUESTION 6**

- (Exam Topic 1)

Indicate whether each management feature manages or monitors a single system or multiple systems.

**Answer Area**

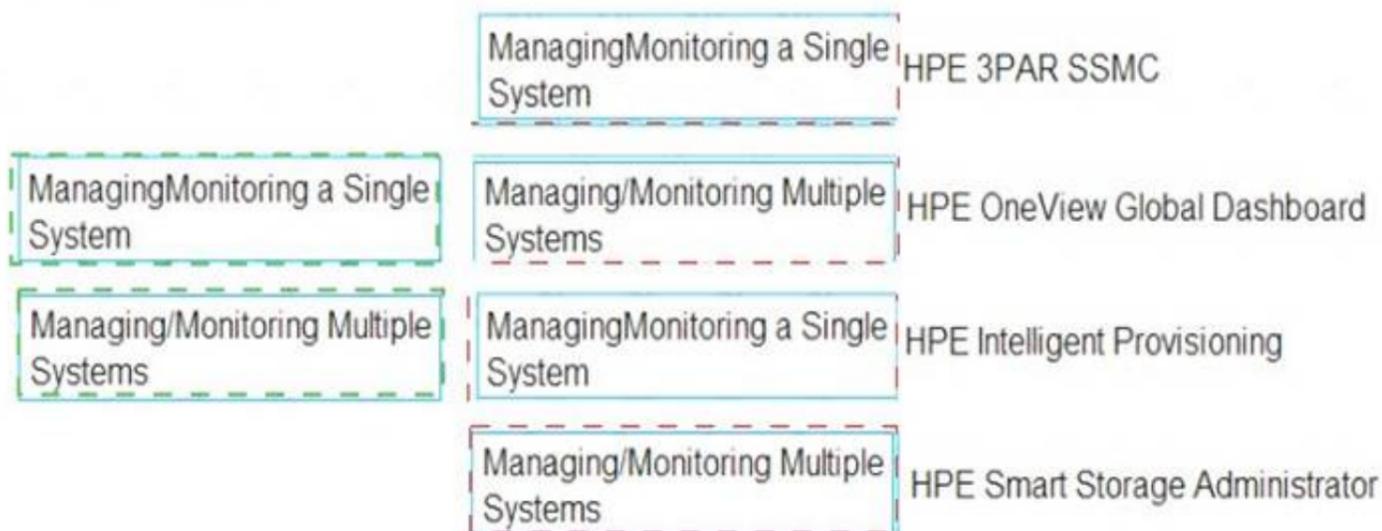


- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**



**NEW QUESTION 7**

- (Exam Topic 1)

A customer has two HPE ProLiant Gen10 servers. They both require firmware installation. Which HPE tool should you recommend for performing this task?

- A. OneView Advanced
- B. iLO Amplifier Pack

- C. Smart Update Manager
- D. OneView Standard

**Answer: C**

**NEW QUESTION 8**

- (Exam Topic 1)

Match each adapter to its characteristic.

**Answer Area**

Adapter	Characteristic
FlexLOM	<input type="checkbox"/> provide RAID configuration using disks internal to the server
FlexFabric	<input type="checkbox"/> allow choice of network interface on the motherboard
Smart Array	<input type="checkbox"/> connect to native Fibre Channel SAN with a PCIe adapter
HBA	<input type="checkbox"/> connect to a Fibre Channel over Ethernet (FCoE) SAN environment with a PCIe adapter

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

**Answer Area**

Adapter	Characteristic
FlexLOM	Smart Array <input type="checkbox"/> provide RAID configuration using disks internal to the server
FlexFabric	FlexLOM <input type="checkbox"/> allow choice of network interface on the motherboard
Smart Array	HBA <input type="checkbox"/> connect to native Fibre Channel SAN with a PCIe adapter
HBA	FlexFabric <input type="checkbox"/> connect to a Fibre Channel over Ethernet (FCoE) SAN environment with a PCIe adapter

**NEW QUESTION 9**

- (Exam Topic 1)

Match each characteristic to the correct storage type.

**Answer Area**

DAS		Allows access to volumes over FCP and iSCSI protocols
NAS		Ability to share file-based storage across an Ethernet network
Storage Array		Allows shared block level access over a network
		JBOD storage connected to one server using SAS

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

DAS	Storage Array	Allows access to volumes over FCP and iSCSI protocols
NAS	NAS	Ability to share file-based storage across an Ethernet network
Storage Array	Storage Array	Allows shared block level access over a network
DAS		JBOD storage connected to one server using SAS

**NEW QUESTION 10**

- (Exam Topic 1)

Which protocol can be used to access a shared directory on a network-attached storage device?

- A. SNMP
- B. SMB
- C. FCP

**Answer:** B

**NEW QUESTION 10**

- (Exam Topic 1)

Match each HPE solution to its corresponding technology usage.

**Answer Area**

**HPE Solution**

**Usage**

HPE OneView Advanced		single-pane management and monitoring for selected HPE devices
HPE ProLiant		industry-leading server platform for a broad range of workloads
HPE Simplivity		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 14**

- (Exam Topic 1)

Match each characteristic to the appropriate RAID level.

**Answer Area**

**RAID level**

**Characteristic**

Raid0	<input type="checkbox"/>	double parity striped across all disks
Raid1	<input type="checkbox"/>	if one disk fails, all data is lost
Raid5	<input type="checkbox"/>	requires a minimum of 3 disk drives
Raid6	<input type="checkbox"/>	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 18**

- (Exam Topic 1)

A security client needs a surveillance solution to support 239 Cameras. They expect to generate 2PB of data and require a 10Gb network infrastructure in a single rack.

Which solution should you recommend to meet the customer requirements?

A. HPE Moonshot

B. HPE MSA

C. HPE Apollo Servers

D. HPE SimpliVity 380

**Answer: C**

**NEW QUESTION 21**

- (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 25**

- (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 26**

- (Exam Topic 1)

Refer to the exhibit.

**Processor Option Kits (Required Processor)**

**2<sup>nd</sup> 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  
**NOTE: Ships with Performance Heatsink**

**1<sup>st</sup> 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 31**

- (Exam Topic 1)

What is an access port on an Ethernet switch?

- A. A port that carries FCP frames inside the network
- B. A port that carries multiple VLANs
- C. A port that is connected to an FCF
- D. A port that carries untagged frames inside the network

**Answer:** D

**NEW QUESTION 34**

- (Exam Topic 2)

A customer has a small branch office that requires a tower-based server solution. The customer runs office-based applications and wants lights-out management capability.

Which HPE server family meets the customer's needs?

- A. ProLiant ML
- B. ProLiant DL
- C. ProLiant BL
- D. ProLiant MicroServer

**Answer:** A

**NEW QUESTION 36**

- (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 40**

- (Exam Topic 2)

Match each workload profile description with the corresponding profile. (Select all that apply.)

Profile		Description
Mission Critical	<input type="checkbox"/>	Maximizes processor speed
Transactional Application Processing	<input type="checkbox"/>	Large number of database operations
General Peak Frequency Compute	<input type="checkbox"/>	Trades performance for reliability

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Missing Critical - Large number of database operations

Transactional Application Processing - Trades performance for reliability

General Peak Frequency Compute - Maximize processor speed

**NEW QUESTION 45**

- (Exam Topic 2)

A customer needs to create a large RAID set for archive storage on large-capacity drives. Which RAID level is recommended for this customer?

- A. RAID 0
- B. RAID 5+0
- C. RAID 1+0
- D. RAID 6

**Answer: D**

**NEW QUESTION 50**

- (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 53**

- (Exam Topic 2)

A customer needs to enable HPE Proactive Care and automated case creation for server hardware failures in their OneView environment.

Which step do you need to complete in OneView to accomplish these tasks?

- A. Enable remote support from the Settings page.
- B. Apply the OneView Advanced monitoring license.
- C. Add the hosts to the managed devices group.
- D. Configure proactive scan reports.

**Answer: A**

**NEW QUESTION 56**

- (Exam Topic 2)

You are troubleshooting a customer's HPE ProLiant rack-mount server. The customer has configured the server in Legacy Boot BIOS Mode and is trying to boot from a USB 3.0 drive. The server will not boot from the drive.

What should you do?

- A. Set the USB 3.0 mode to Enabled.
- B. Set the USB 3.0 mode to Auto.
- C. Use the internal USB 3.0 connector.
- D. Use the front-facing USB 3.0 connector.

**Answer: A**

**NEW QUESTION 57**

- (Exam Topic 2)

A customer is considering an HPE ProLiant DL380 Gen10 server for their data center. The customer runs a large Oracle database. They need to increase performance and reduce their licensing costs.

Which feature of HPE Gen10 servers offers these benefits?

- A. workload profile matching
- B. agentless management
- C. jitter smoothing
- D. core boosting

**Answer: D**

**NEW QUESTION 60**

- (Exam Topic 2)

A customer requires a storage platform for their department data. They have a limited budget and will be sharing files among their Microsoft Windows environment. Which HPE storage platform meets the customer's needs?

- A. Nimble
- B. StoreOnce
- C. 3PAR StoreServ
- D. StoreEasy

**Answer: D**

**NEW QUESTION 62**

- (Exam Topic 2)

A customer needs to reconfigure their data center network because their network often becomes congested, and the customer cannot monitor the network. How should the customer configure their network?

- A. Isolate the management network from production traffic
- B. Isolate the SAN on a public network and use a virtual private network (VPN) for secure data

- C. Configure IRF on the switches
- D. Configure in-band management to manage the switches through gigabit Ethernet ports

**Answer:** A

**NEW QUESTION 64**

- (Exam Topic 2)

You are troubleshooting an HPE ProLiant rack-mount server. You need to collect event data from the server, even when it is not operational. Which tool should you use?

- A. Insight Online
- B. InfoSight
- C. OS Event Viewer
- D. Integrated Management Log

**Answer:** A

**NEW QUESTION 68**

- (Exam Topic 2)

A customer needs to support both network and storage traffic on their network, which includes Ethernet, iSCSi, and Fibre Channel devices. The customer is concerned about the large amount of cables coming from the various cards inserted in their rack servers, as well as the operational costs in their data center. Which component addresses these issues?

- A. Converged network adapter
- B. Dual-port 10 GbE FlexLOM
- C. Dynamic Smart Array controller
- D. Fibre Channel host bus adapter

**Answer:** A

**NEW QUESTION 71**

- (Exam Topic 2)

You have completed a non-disruptive activation of firmware on an SN6000 switch. Which session must be restarted manually?

- A. Enterprise Fabric Management Suite session
- B. telnet session
- C. SAN connection Manager session
- D. QuickTools session

**Answer:** B

**NEW QUESTION 75**

- (Exam Topic 2)

When installing servers in a rack, a customer has left gaps between the servers. What should you tell this customer regarding the space between servers? (Select two.)

- A. It should be filled with blanking panels.
- B. It does not provide correct rack airflow.
- C. It provides easy access for servicing components.
- D. It allows for easier cable management.
- E. It allows for side-to-side component cooling.

**Answer:** AB

**NEW QUESTION 79**

- (Exam Topic 2)

You are working in a data center with multiple servers and need to update the iLO 5 user names and passwords on a regular basis. Which tool enables you to streamline and automate this process?

- A. Central Management Console
- B. iLO Amplifier Pack
- C. Agentless Management
- D. RESTful API

**Answer:** B

**NEW QUESTION 84**

- (Exam Topic 2)

A customer plans to use HPE ProLiant servers for an application that requires low latency for all components. Which workload profile should the customer use?

- A. Mission Critical
- B. Virtualization – Max Performance
- C. I/O Throughput
- D. Transactional Application Processing

**Answer:** A

**NEW QUESTION 88**

- (Exam Topic 2)

You are installing an HPE ProLiant server in a rack at a customer site. The customer's facility is in a high-voltage utility service area, and they want to be certain that the power supply is supported.

Which ProLiant feature addresses the customer's concern?

- A. ProLiant servers can be configured for 380 – 400V AC in low-line and high-line utility service areas.
- B. ProLiant servers support 240 V DC power supplies because components in a direct current line are less prone to failure.
- C. Rack-mountable HPE servers ship with 110 V DC power supplies because direct current is less expensive for a low-line utility service over short distances.
- D. ProLiant servers include auto-sensing power supplies with a power input range of 100-240 VAC, so they can be used globally.

**Answer: D**

**NEW QUESTION 93**

- (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 95**

- (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 97**

- (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 101**

- (Exam Topic 2)

Which HPE service level offers customers special parts handling and access to onsite service 24x7, including HPE holidays?

- A. Proactive Care 24x7
- B. Proactive Care 24x7 with CTR
- C. Foundation Care 24x7 with DMR
- D. Foundation Care 24x7

**Answer: D**

**NEW QUESTION 104**

- (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 107**

- (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 108**

- (Exam Topic 2)

A customer needs Layer 2 switches that provide basic functionality. In the future, this customer might need to use the switches' CLI to configure VLAN and STP features.

Which category of the switches does meet the customer's needs?

- A. unmanaged
- B. managed
- C. VLAN-based
- D. software distributed switch

**Answer: B**

**NEW QUESTION 113**

- (Exam Topic 2)

You are onsite at a customer location to install a new network switch. The customer wants users to be able to manage the switch through the IP network. How should you connect the switch to the network?

- A. Configure multiple user IDs or roles for the console connection
- B. Configure the management IP address on the switch and enable Telnet or SSH access
- C. Use a dedicated console cable to create a dedicated management network for every user
- D. Connect the switch to the network by using the serial cable that ships with the switch

**Answer: B**

**NEW QUESTION 116**

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