

## Exam Questions HPE0-S56

Building HPE Hybrid IT Solutions

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#### NEW QUESTION 1

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 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 3

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 4

A customer needs to centralize their backup environment for their branch office. They plan to use HPE StoreOnce with catalyst.

What should they implement within their backups software to minimize the network load on the remote site?

- A. source-side deduplication
- B. target-side deduplication
- C. thin provisioning
- D. native compression

**Answer:** A

#### NEW QUESTION 5

You are installing additional components to a server.

Which HPE resource provides Quickspecs that verify the compatibility of the server hardware with the server?

- A. iQuote Universal
- B. Smart Selling tool
- C. Product Bulletin
- D. SPOCK

**Answer:** C

#### NEW QUESTION 6

A customer requires a software-defined storage solution. Which storage solution meets the customer's needs?

- A. HPE MSA
- B. HPE StoreVirtual VSA
- C. HPE 3PAR StoreServ
- D. HPE Nimble Storage

**Answer:** B

#### NEW QUESTION 7

A customer needs to improve throughput performance of iSCSI traffic on their Layer 2 switch. Which feature should the customer implement at the switch level?

- A. Jumbo frames
- B. Oversubscription
- C. SMB Direct
- D. Remote Data Memory Access

**Answer:** A

#### NEW QUESTION 8

A company plans to purchase new HPE servers. The company needs to maximize local storage capacity within the servers. Which HPE servers should the company install?

- A. ProLiant BL460c Gen10
- B. ProLiant DL380 Gen10
- C. ProLiant ML110 Gen 9
- D. ProLiant DL360 Gen 9

**Answer:** B

#### NEW QUESTION 9

A customer is planning an upgrade to their network infrastructure. They want to move to an open networking solution, and they want to install a network switch that supports their choice of network operating system. Which HPE product family will meet the customer's needs?

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

**Answer:** A

#### NEW QUESTION 10

What has HPE implemented in the HPE ProLiant Gen10 to prevent malware?

- A. jitter smoothing
- B. application isolation control
- C. persistent memory
- D. silicon root of trust

**Answer:** D

#### NEW QUESTION 10

A customer needs to implement VMware across a few racks of servers. They anticipate a large amount of VM creation and retirement. What are key technologies in a Top of Rack (ToR) switch that support this environment? (Choose three.)

- A. Smart Rate Support
- B. Deep Packet Buffers
- C. VPN Support
- D. PoE support
- E. MLAG support
- F. Rapid Configuration Management

**Answer:** ABE

#### NEW QUESTION 14

A customer needs to know if the storage solution you proposed contains components that are compatible with existing products currently in the data center. Which HPE resource should you use to provide this information?

- A. Storage Size
- B. One Config Advance (OCA)
- C. One Config Simple (OCS)
- D. Single Point of Connectivity Knowledge (SPOCK)

**Answer:** D

#### NEW QUESTION 16

A customer needs a storage to run a database in an environment with many virtual machines. You have recommended a HPE MSA 2042 solution, but the customer has reservations about whether the MSA 2042 can deliver the required performance. Which feature of MSA 2042 will help to improve IOP performance?

- A. 1 Gb iSCSI connectivity
- B. thin provisioning
- C. RAID 6 Advanced Data Guarding (ADG)
- D. optimal flash acceleration

**Answer:** D

#### NEW QUESTION 20

You are installing an HPE StoreOnce backup system in a customer's environment. They need a simple and cost-effective method to centralize and automate the backup of multiple servers (file, virtualization, database). They also need the ability to integrate with an existing third-party backup software. How must you configure the StoreOnce system to meet the customer's requirements?

- A. block device
- B. replication target

- C. NDMP target
- D. VTL device

**Answer:** D

#### NEW QUESTION 21

You need to update the firmware on an MSL2024 to version 26.43.51. Which HPE utility do you need to use?

- A. OneView Standard
- B. Smart Storage Administrator
- C. Central Management Console
- D. Library & Tape Tools

**Answer:** D

#### NEW QUESTION 26

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 28

A customer requires a high level of network bandwidth and reliability. You are installing a pair of HPE switches that can provide redundancy with multiple connections between them for high availability and faster throughput.

Which technology should you configure on the switches to enable the capability the customer requires?

- A. Rapid Spanning Tree Protocol (RSTP)
- B. Virtual Extensible Local Area Network (VxLAN)
- C. Multichassis Link Aggregation (MLAG)
- D. Multiple Spanning Tree Protocol (MSTP)

**Answer:** C

#### NEW QUESTION 31

You are troubleshooting an HPE ProLiant ML350 Gen server. You determine that the active ROM is corrupt and the system has not automatically switched to the redundant ROM. You need to manually switch the ROM.

What should you do?

- A. Select the backup ROM in the BIOS.
- B. Reset the iLO controller
- C. Change the position of the system maintenance switch options.
- D. Move the system maintenance jumper to pins one and two.

**Answer:** C

#### NEW QUESTION 35

You are installing a rack at customer site.

How can you ensure redundant power to the rack?

- A. Install two power distribution units (PDUs) with each one connected to a power socket supplied by an independent electrical power source.
- B. Ensure 3-phase power is available in the data center.
- C. Connect an uninterruptible power supply (UPS) to redundant circuit breakers at the facility power source.
- D. Use two different power cords to connect the server to the power grid at the customer site.

**Answer:** C

#### NEW QUESTION 40

A server administrator needs to see the 24-hour history of the power consumed by an installed HPE ProLiant server.

Which HPE tool can the admin use to gather this information?

- A. IMC
- B. Power Advisor
- C. iLO
- D. UEFI

**Answer:** C

#### NEW QUESTION 42

A customer is expanding from local storage to a SAN environment for the first time. They plan to future proof their environment with a 16 Gb Fibre Channel. They

also want to allow for future I/O expansion with new servers.  
 Identify the correct server and storage to meet the customer requirements.

HPE MSA 1040

HPE MSA 2040

HPE ProLiant  
DL360 Gen10

HPE ProLiant  
DL380 Gen10

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**Answer Area**

Server model

Storage model

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Server model – HPE ProLiant DL380 Gen10 Storage model – HPE MSA 2040

**NEW QUESTION 43**

A Nimble storage customer is experiencing rapid data growth and needs to scale their storage resources. Which action should the customer take first?

- A. Access InfoSight for recommendations
- B. Access the SSMC for upgrade advice
- C. Access the clustering feature in the CMC to configure active/active clustering
- D. Access Smart Storage Administrator to configure additional storage resources

**Answer:** A

**NEW QUESTION 47**

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 50**

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 54**

You need to configure a HPE ProLiant server and plan to install an operating system that supports Secure Boot.  
 Which system utility should you use to configure the server?

- A. Intelligent Provisioning
- B. Smart Storage Administrator



- C. iLO
- D. UEFI

**Answer:** D

#### NEW QUESTION 59

A customer is enhancing their server and storage virtualization infrastructure. They need to maximize memory density per rack unit and provide an all-flash array to the environment.

Which HPE solutions should they install to fulfill these requirements (Select two.)

- A. Nimble AF3000
- B. ProLiant ML350 Gen10
- C. ProLiant ML360 Gen10
- D. ProLiant ML380 Gen10
- E. MSA 2042

**Answer:** BE

#### NEW QUESTION 62

You are troubleshooting a HPE ProLiant rack-mount server. All installed server fans constantly run at 100%. Which action should you take first?

- A. Update all system firmware
- B. Replace all cooling fans
- C. Reseat drive blanks
- D. Unplug all but one cooling fan

**Answer:** C

#### NEW QUESTION 64

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 65

Match the industry trend with its use case.

Industry Trend	Use Case
Cloud Computing	Efficiently use server, storage, and networking resources
Converged Systems	Externalize the infrastructure and eliminate data center capital expenditures
Virtualization	Share a common resource or execute a common application across multiple servers for high availability and/or load balancing
Clustering	Deploy workloads at cloud-like speed on an HPE factory-integrated infrastructure

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Efficiently use server, storage, and networking resources – Virtualization

Externalize the infrastructure and eliminate data center capital expenditures – Cloud computing

Share a common resource or execute a common application across multiple servers for high availability and/or load balancing – Clustering

Deploy workloads at cloud-like speed on an HPE factory-integrated infrastructure – Converged system

#### NEW QUESTION 66

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 71

A customer plans to use HPE ProLiant servers for line-of-business applications. They want to configure the servers to increase reliability.

Which workload profile should the customer use?

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

**Answer:** D

#### NEW QUESTION 76

A customer needs to virtualize their storage across physical servers and storage environments. Which HPE solution meets the customer's needs?

- A. Nimble CS3000
- B. StoreVirtual 4335
- C. StoreVirtual VSA
- D. MSA 2050

**Answer:** C

#### NEW QUESTION 79

A customer is upgrading their network infrastructure to provide the best performance for IP storage.

Which technologies in a network switch meet the customer's needs? (Choose three.)

- A. Jumbo Frames
- B. Deep Packet Buffers
- C. LLDP Support
- D. MLAG Support
- E. Fibre Channel Support
- F. Static Routing

**Answer:** ABD

#### NEW QUESTION 82

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 87

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 88

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 93

A customer plans to purchase five HPE DL380 Gb 2-port 530SFP Ethernet Adapters. The customer's network administrator has installed a top of rack 10 GbE switch capable of supporting copper and optical connections. The customer is already over budget and needs to keep costs down. Which option should you recommend for connecting to the switch?

- A. 3m OM3 Fiber Optic Cables
- B. 3m Cat 6A Copper Cables
- C. 3m Direct Attached Copper Cables
- D. 3m OM2 Fiber optic cables

**Answer:** C

#### NEW QUESTION 94

You are designing a solution to run a Citrix XenDesktop workload.

Which HPE planning and designing resource contains a detailed example of this type of solution, including a list of all the hardware and software components?

- A. Sales Builder for Windows
- B. Product Bulletin
- C. Smart Selling Tool
- D. Reference Architecture

**Answer:** D

#### NEW QUESTION 96

You plan to perform maintenance on several systems in a rack. You need to ensure that the rack does not tip when you are working on the equipment. What should you use?

- A. stabilizer kit
- B. lockable casters
- C. adjustable depth frame
- D. leveling feet

**Answer:** A

#### NEW QUESTION 97

You are installing new drives into the internal cage of a HPE ProLiant DL380 server. How is the drive device number set?

- A. The Smart Array controller assigns the device number automatically based on the bay
- B. HPE OneView uses the server profile to assign the device number
- C. The operating system assigns the device number automatically based on the drive installation order
- D. You must use Smart Storage Administrator to assign the device number

**Answer:** A

#### NEW QUESTION 98

You are designing a network for a customer that needs a centrally-managed solution for their physical and virtual switches. This product must integrate with their existing third-party networking equipment.

Which HPE management solution meets the customer's needs?

- A. Centralized Management Console
- B. Intelligent Resilient Framework
- C. Intelligent Management Center
- D. InfoSight

**Answer:** C

#### NEW QUESTION 99

Which tool provides a report on the current usage levels and life span of some installed read-intensive flash drives?

- A. Central Management Console
- B. Integrated Management Log
- C. Intelligent Provisioning
- D. Smart Storage Administrator

**Answer:** D

#### NEW QUESTION 100

You are creating a logical array on an HPE ProLiant server. The customer asks you to use drives with different capacities in a single array.

What should you explain to this customer?



- A. Using drives with different capacities in a single array increases the chance of disk failure
- B. The extra capacity of the larger drives will not be utilized
- C. The process to create the array will fail, and the server will not boot
- D. The RAID level will be set at RAID 0 automatically

**Answer:** B

**NEW QUESTION 101**

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