

## Exam Questions HPE0-S56

Building HPE Hybrid IT Solutions

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#### NEW QUESTION 1

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 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 3

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 4

A customer is standardized on high-density, rack-mounted servers. They have an application that requires 3 six-drive RAID6 groups and redundant 10 Gb NICs. What is the highest-density server that meets these customer requirements?

- A. DL580 Gen10
- B. DL360 Gen10
- C. DL380 Gen10
- D. BL460c Gen10

**Answer: C**

#### NEW QUESTION 5

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 6

You need to install 10 HPE ProLiant servers in an environment without DHCP. Which tool can you use to set up remote management?

- A. Intelligent Provisioning
- B. UEFI System Utilities
- C. Intelligent Management Center
- D. iLO 5 Configuration Utility

**Answer: C**

#### NEW QUESTION 7

You are provisioning a new virtual disk group on a MSA storage system. Which disk group parameters must you specify when creating the vdisk? (Choose three.)

- A. RAID level
- B. LUN number
- C. type

- D. cache size
- E. name
- F. volume size

**Answer:** ACE

**NEW QUESTION 8**

Match the storage technology to the storage type.

Answer Area	
Technology	Type
<input type="text"/>	iSCSI
<input type="text"/>	CIFS
<input type="text"/>	SAN
<input type="text"/>	NFS

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

BLOCK = iSCSi  
 File = CIFS BLOCK = SAN  
 File = NFS

**NEW QUESTION 9**

A customer has a HPE OneView environment and has added all their HPE ProLiant servers and enclosures. Which benefits does a customer gain by configuring Remote Support on their environment? (Choose two.)

- A. Support case resolutions are automatically generated for them based on real-time analyses
- B. HPE is given remote access rights to registered devices for quick and accurate problem resolution
- C. HPE Proactive Care is enabled and cases are created automatically in the event of hardware failures
- D. Proactive Scan reports and firmware/software analysis reports can be provided from collected data
- E. Real-time performance analytics result in failure predictions and online self-healing

**Answer:** CD

**NEW QUESTION 10**

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

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

**Answer:** D

**NEW QUESTION 10**

A customer needs to increase the availability and bandwidth of network connectivity to their servers. Which switch feature meets the customer's needs?

- A. Remote direct memory access over Converged Ethernet (RoCE)
- B. Virtual Local Area Network (VLAN)
- C. Jumbo frames
- D. Link Aggregation and Control Protocol (LACP)

**Answer:** D

**NEW QUESTION 14**

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 15

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 19

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 21

You are creating an internal array on an HPE ProLiant server. What can you do to maximize the storage space efficiency?

- A. Populate drive bays with the smallest-capacity drive first.
- B. Install drives that have the same capacity.
- C. Match the device numbers for the drives with their bay numbers.
- D. Populate drive bays with the largest-capacity drive first.

**Answer:** B

#### NEW QUESTION 26

A customer has an ESXi server in a branch office. They need to perform backups locally. The local backups must be replicated to the main data center with built-in deduplication.

What should the customer install at the branch office?

- A. StoreOnce 3100
- B. StoreOnce VSA
- C. MSA 2042
- D. StoreVirtual VSA

**Answer:** D

#### NEW QUESTION 29

A customer needs to deploy an application on a newly-installed HPE ProLiant server, but they report that the server is not online. They call you for remote support. The IP address on the production network cannot be reached. You are evaluating the probable root causes of this issue.

According to the troubleshooting methodology, what are next two steps? (Select two)

- A. Remote console into the ToR switch to check the server's port configuration.
- B. Log in to iLO to see if the server hardware and NIC are online and configured correctly.
- C. Use OneView to see if the server firmware is up-to-date
- D. Run insight Diagnostics on the Server
- E. Use Microsoft Remote Desktop or VNC to check the server's NIC and IP address configuration

**Answer:** BD

#### NEW QUESTION 30

You are troubleshooting an HPE ProLiant rack-mount server. You need to run diagnostic tests on local storage. Which HPE tool should you use?

- A. iLO
- B. Intelligent Management Center
- C. Smart Storage Administrator
- D. OneView

**Answer:** B

**NEW QUESTION 35**

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 37**

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 41**

A customer needs to share files among their Linux-based servers in a cost effective manner. The customer is concerned about compatibility with the servers in their environment that run Windows.

Which HPE StoreEasy feature addresses the customer's concerns?

- A. RESTful API support across a variety of platforms
- B. symmetric processor architecture for uniformity in transaction processing
- C. use of virtualization technologies to overcome application compatibility issues
- D. multi-protocol access to the same file share over SMB and NFS protocols

**Answer:** D

**NEW QUESTION 46**

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 49**

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 53**

A customer has redundant SAN fabrics with a single HPE SN6000B 16 GB 48-port.24 SAN switch in each fabric. They plan to expand their virtualization environment by adding two HPE DL360s and an MSA 2042. Each DL360 will connect to the fabric via dual port 16 Gbps FC HBAs, and the MSA 2042 will connect with four FC Ports. The 24 ports on each switch are currently In use for other applications.

How many additional Port on demand licenses must be customer purchase for each switch if they redundantly connect all the new FC HBA ports to their existing SN600B switches?

- A. 1
- B. 4
- C. 8
- D. 12

**Answer:** C

**NEW QUESTION 55**

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

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 61

Which security feature is unique to HPE ProLiant Gen10 servers?

- A. Advanced auditing capability in the processor detects suspicious behavior in the kernel?
- B. Persistent memory protects virtual machines from compromises in the network fabric
- C. Increased application isolation controls network traffic to virtual machines
- D. With the silicon root of trust, Gen10 servers can detect compromised firmware

**Answer: D**

#### NEW QUESTION 65

Which HPE tool can you use to ensure a consistent level of firmware exists across all BladeSystem interconnects and servers in an environment?

- A. InfoSight
- B. OneView
- C. Insight Remote Support
- D. iLO Federation

**Answer: B**

#### NEW QUESTION 70

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 71

A customer has a branch office that needs a local file server. The branch office does not have a server rack.  
For backup performance, the server must have two processors. Which HPE server should the company install?

- A. ProLiant ML350 Gen10
- B. ProLiant ML110 Gen9
- C. ProLiant BL460c Gen10
- D. ProLiant DL360 Gen10

**Answer: A**

#### NEW QUESTION 74

A customer needs the devices in their non-secure network to communicate in a secure manner. They are considering implementing Kerberos network authentication in their environment.  
Which impact will this have when using iLO 5 with their HPE ProLiant Gen10 servers?

- A. It will enable two-factor authentication when users log on to iLO.
- B. It will enhance iLO security by leveraging the key stored in the silicon root of trust.
- C. It will allow the servers' iLO to detect compromised firmware code.
- D. It will enable Zero Sign In to log in to iLO without entering a user name and password.

**Answer: D**

#### NEW QUESTION 76

A customer needs to provide inventory management, health monitoring, status alerting, and reporting for their ProLiant servers. Which HPE management offering meets the customer's needs?

- A. OneView
- B. Insight Remote Support
- C. InfoSight
- D. Insight Online

**Answer: A**

#### NEW QUESTION 80

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 82

Which HPE tool can securely erase current content of a server and help with consistent and easy operating system installation?

- A. HPE System Insight Manager
- B. HPE Intelligent Management Center (IMC)
- C. HPE OneView
- D. HPE Intelligent Provisioning

**Answer: D**

#### NEW QUESTION 83

A customer reports that their new iSCSI MSA 2052 has failed. You find that the MSA is up and running, but the servers cannot mount their LUNs. Which troubleshooting steps should you prioritize? (Choose two.)

- A. Use Smart Storage Administrator (SSA) to view the STATS report on the MSA
- B. Use NIC teaming utility to validate the iSCSI initiator configuration
- C. Use remote console to check the switch port configuration
- D. Use remote console to validate the WWNs on the MSA
- E. Use remote console to ensure correct MSA port configuration

**Answer: CE**

#### NEW QUESTION 85

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 86

You are troubleshooting a HPE ProLiant Gen 9 server and need to find a consolidated view of all the system health and configuration information in a single web interface.

Which HPE tool should you use?

- A. Central Management Console
- B. UEFI
- C. System Management Homepage
- D. InfoSight

**Answer: C**

#### NEW QUESTION 91

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 94

Which two HPE applications are installed on Windows operating systems with intelligent Provisioning? (Choose two.)

- A. Lights-Out Online Configuration Utility
- B. OneView
- C. UEFI Control Suite
- D. Intelligent Management Center
- E. Smart Storage Administrator

**Answer:** AE

#### NEW QUESTION 98

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 103

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 104

Which statement is true regarding configuring memory in an HPE ProLiant server?

- A. LRDIMMS in 64 GB and 128 GB can be mixed.
- B. RDIMM and LRDIMMs can be mixed in one system.
- C. Different capability DIMMs of the same speed can be mixed.
- D. The first CPU memory channel must be fully populated before the second.

**Answer:** C

#### NEW QUESTION 106

A customer needs to purchase a redundant pair of SAN switches for their virtualization environment. The customer requires a total of eight 16 Gbps FC storage ports and eighteen 8 Gbps FC host attachments. Which switch meets the customer's needs at the lowest cost?

- A. HPE StoreFabric SN6010C 48-port Switch
- B. HPE StoreFabric SN6010C 12-port Switch with an On Demand Port Activation License
- C. HPE 8/24 SAN Switch 16-port Switch with an 8-port Upgrade License
- D. HPE 8/24 SAN Switch 16-port Switch

**Answer:** B

#### NEW QUESTION 110

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 114

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

**Profile**

**Description**

Mission Critical

Maximizes processor speed

Transactional Application Processing

Large number of database operations

General Peak Frequency Compute

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 119**

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 122**

A customer needs a Fibre Channel storage solution that supports block storage with the lowest cost. Which HPE solution meets this customer's requirements?

- A. HPE Nimble Storage
- B. HPE SimpliVity
- C. HPE MSA
- D. HPE StoreVirtual VSA

**Answer:** C

**NEW QUESTION 126**

A customer needs a solution that supports rapid provisioning changes on physical bare-metal servers and on a virtualization hypervisor. They are considering migrating to a new solution that supports software-defined storage. Which HPE compute platform should the customer implement?

- A. ProLiant DL
- B. BladeSystem
- C. Synergy
- D. SimpliVity

**Answer:** C

**NEW QUESTION 129**

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 132**

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