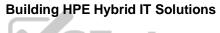
# HPE0-S56.VCEplus.premium.exam.60q

Number: HPE0-S56 Passing Score: 800 Time Limit: 120 min File Version: 1.0



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HPE0-S56







#### Exam A

### **QUESTION 1**

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.

Correct Answer: AB Section: (none) Explanation

#### Explanation/Reference:

# **QUESTION 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

Correct Answer: A Section: (none) Explanation

**Explanation/Reference:** 

# **QUESTION 3**

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.

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

# **QUESTION 4**

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 1000C. StoreOnce VSA





# D. StoreVirtual VSA

Correct Answer: B Section: (none) Explanation

# **Explanation/Reference:**

# **QUESTION 5**

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

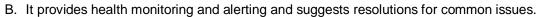
Correct Answer: B Section: (none) Explanation

Explanation/Reference:

#### **QUESTION 6**

A customer wants to decrease problem resolution time on their HPE infrastructure. Why would this customer benefit from Insight Remote Support?

A. It provides event diagnosis and automatic, secure submission of hardware event notifications to HPE.



C. It monitors 1600 system parameters and applies analytics to predict problems before they can lead to system or component failure.

D. It maintains an up-to-date change log by recording hardware and system changes in real-time.

Correct Answer: A Section: (none) Explanation

**Explanation/Reference:** 

#### **QUESTION 7**

You are configuring an internal Smart Array controller on an HPE ProLiant server. Which statement is true regarding the drives in the logical array?

A. HDDs and SSDs cannot be mixed in the same logical array.

B. SATA HDDs and SAS SSDs can be mixed in the same logical array.

C. SAS HDDs and SATA HDDs can be mixed in the same logical array.

D. SATA SSDs and SATA HDDs can be mixed in the same logical array.

Correct Answer: A Section: (none) Explanation

**Explanation/Reference:** 

**QUESTION 8** 





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

Correct Answer: B Section: (none) Explanation

# **Explanation/Reference:**

# **QUESTION 9**

You are installing HPE ProLiant servers into a rack that will be fully loaded. You also need to install four power distribution units (PDUs) in the rack. How should you install the PDUs to maximize power distribution and space efficiency?

- A. at the top of the rack with the cables running between the RETMA rails
- B. horizontally on extension bars mounted directly to the frame for improved clearance
- C. in the bottom bay of the rack with the outlets facing the front
- D. vertically, side by side on both sides of the rack with the outlets facing the center

Correct Answer: D Section: (none) Explanation

**Explanation/Reference:** 

#### **QUESTION 10**

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

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

# **QUESTION 11**

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.





Correct Answer: D Section: (none) Explanation

**Explanation/Reference:** 

# **QUESTION 12**

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

Correct Answer: D Section: (none) Explanation

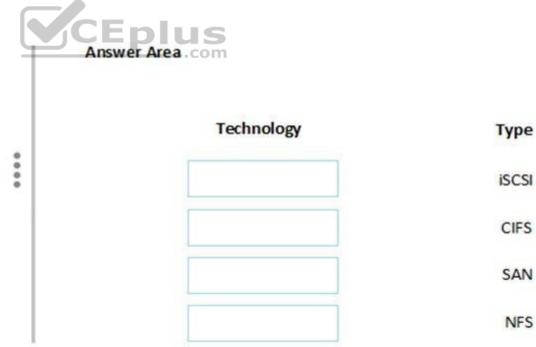
Explanation/Reference:

**QUESTION 13** DRAG DROP

Match the storage technology to the storage type.

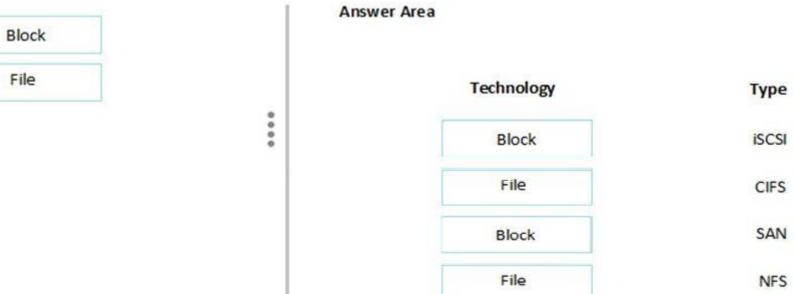
#### Select and Place:





**Correct Answer:** 





# Explanation/Reference:

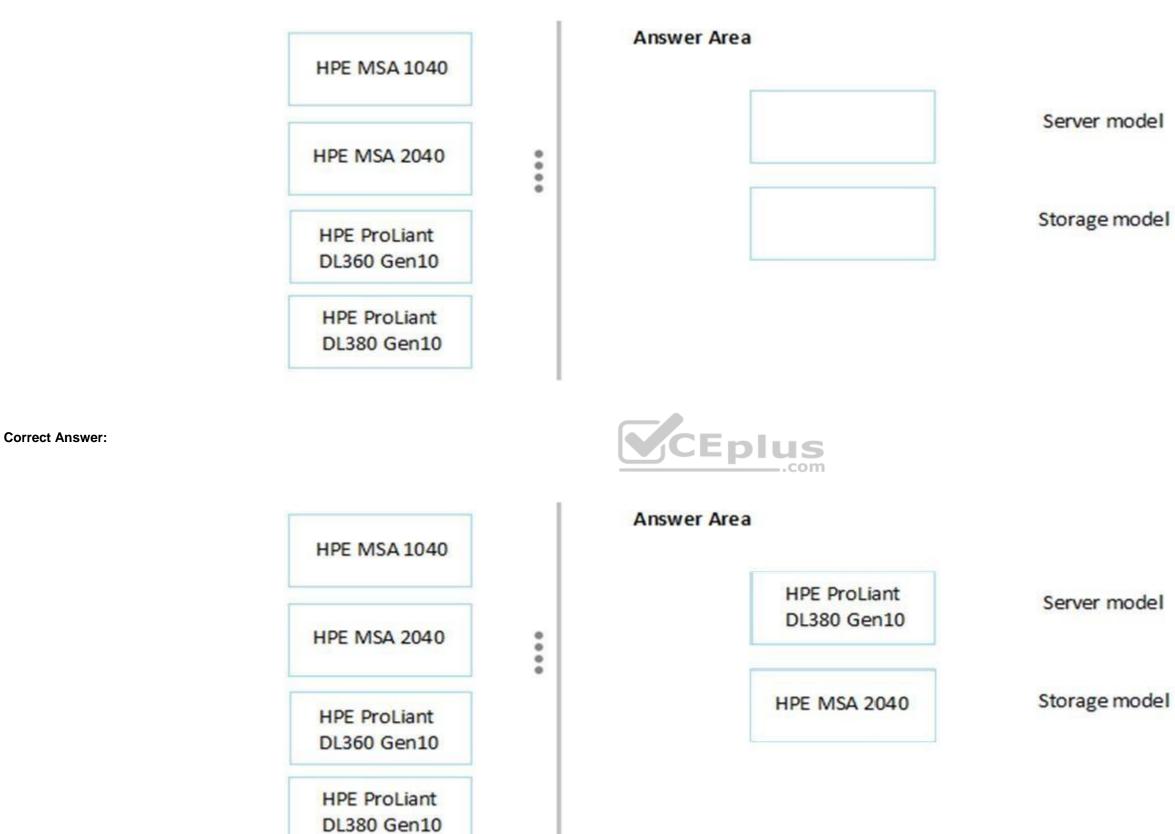
# **QUESTION 14**



Identify the correct server and storage to meet the customer requirements.

Select and Place:







#### **Explanation/Reference:**

**QUESTION 15** In which layer of the OSI model would you find an IP address?

- A. Application
- B. Network
- C. Physical
- D. Data link

Correct Answer: B Section: (none) Explanation

**Explanation/Reference:** 

# **QUESTION 16**

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

CEplus

Correct Answer: D Section: (none) Explanation

**Explanation/Reference:** 

# **QUESTION 17**

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

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

# **QUESTION 18**

A customer has implemented an HPE ProLiant server with internal storage and needs to monitor the array health status. Which management application can the customer use to discover errors quickly and minimize the possible downtime?

A. Insight Online



B. Smart Storage Administrator

C. Intelligent Management Center

D. InfoSight

Correct Answer: B Section: (none) Explanation

**Explanation/Reference:** 

### **QUESTION 19**

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

Correct Answer: B Section: (none) Explanation

**Explanation/Reference:** 

# **QUESTION 20**

You are installing an HPE ProLiant server that has a shared network port for iLO and NIC teaming. You need to ensure that you can still access iLO after configuring the NIC team. Which teaming technology should you configure?

#### A. round robin

- B. switch-assisted load balancing
- C. receive load balancing
- D. network fault tolerance

Correct Answer: D Section: (none) Explanation

# **Explanation/Reference:**

#### **QUESTION 21**

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

Correct Answer: D Section: (none) Explanation





# **QUESTION 22**

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

# Correct Answer: A Section: (none)

Explanation

# Explanation/Reference:

# **QUESTION 23**

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

# Correct Answer: B Section: (none) Explanation

# Explanation/Reference:



**QUESTION 24** What should you install with a server for a customer who may need to perform maintenance on the server while it is the rack? (Select two.)

- A. Cable Management Arm (CMA)
- B. redundant PDUs
- C. high performance fan kit
- D. rack stabilization kit
- E. blanking panels

Correct Answer: AD Section: (none) Explanation

Explanation/Reference:

# **QUESTION 25**

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.



Correct Answer: A Section: (none) Explanation

**Explanation/Reference:** 

# **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

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

#### **QUESTION 27**

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

Correct Answer: A Section: (none) Explanation

#### Explanation/Reference:

#### **QUESTION 28**

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

Correct Answer: A Section: (none) Explanation

# **Explanation/Reference:**

#### **QUESTION 29**

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

Correct Answer: D Section: (none) Explanation

# **Explanation/Reference:**

# **QUESTION 30**

A customer needs a solution that will maintain data availability in their campus location. They require a multi-node system that can sustain multiple failures, including a full building outage. Which HPE storage platform meets the customer's needs?

A. Nimble

- B. StoreVirtual
- C. StoreEasy
- D. MSA

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

#### **QUESTION 31**

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? .com

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.

Correct Answer: B Section: (none) Explanation

**Explanation/Reference:** 

# **QUESTION 32**

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

Correct Answer: C Section: (none) Explanation



# Explanation/Reference: QUESTION 33

A customer needs a high level of flexibility and the most efficient use of available capacity in their MSA storage system. How should the MSA be configured?

- A. Assign drives directly to servers with Fibre Channel connections on the SAN.
- B. Create multiple virtual volumes in a storage pool to share resources.
- C. Create virtual volumes and map them to a host group without using initiators.
- D. Create a linear disk group and add dedicated spares to the group.

Correct Answer: B Section: (none) Explanation

**Explanation/Reference:** 

**QUESTION 34** 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
- Correct Answer: D Section: (none) Explanation

Explanation/Reference:

# **QUESTION 35**

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

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

**QUESTION 36** A customer needs to connect two switches without VLANs or Spanning Tree. To which mode should the switches be set?

- A. Routing Mode
- B. Bridge Mode
- C. Switch Mode
- D. Gateway Mode

Correct Answer: D





#### **Explanation/Reference:**

**QUESTION 37** Which tool provides a report on the current usage levels and life span of some installed readintensive flash drives?

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

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

**QUESTION 38** 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.

Correct Answer: C Section: (none) Explanation

**Explanation/Reference:** 

# **QUESTION 39**

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

Correct Answer: D Section: (none) Explanation

#### **Explanation/Reference:**

# **QUESTION 40**

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

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

# **QUESTION 41**

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

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

# **QUESTION 42**

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.

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

# **QUESTION 43**

You are installing multiple components into an existing server. Which HPE resource can you use to verify the compatibility of the server hardware options with the server? (Select two.)

- A. Smart Selling tool
- B. Server User Guide
- C. iQuote Universal
- D. Quickspecs
- E. SPOCK

Correct Answer: BE Section: (none) Explanation





# **QUESTION 44**

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.

# Correct Answer: D Section: (none) Explanation

# **Explanation/Reference:**

# **QUESTION 45**

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.

# Correct Answer: A Section: (none) Explanation

**Explanation/Reference:** 

# **QUESTION 46**

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

Correct Answer: C Section: (none) Explanation

**Explanation/Reference:** 

# **QUESTION 47**

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

Correct Answer: A





# Explanation/Reference:

### **QUESTION 48**

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

Correct Answer: B Section: (none) Explanation

**Explanation/Reference:** 

# **QUESTION 49**

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

CEplus

Correct Answer: D Section: (none) Explanation

**Explanation/Reference:** 

# **QUESTION 50**

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

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

#### **QUESTION 51**

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

Correct Answer: C Section: (none) Explanation

**Explanation/Reference:** 

### **QUESTION 52**

You are troubleshooting server issues and need to troubleshoot when online and offline. Which HPE tool should you use?

A. Integrated Management Log

- B. Insight Diagnostics
- C. Insight Remote Support
- D. Active Health System

Correct Answer: B Section: (none) Explanation

**Explanation/Reference:** 

# **QUESTION 53**

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

Correct Answer: B Section: (none) Explanation

**Explanation/Reference:** 

# **QUESTION 54**

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 Gen10C. ProLiant ML360 Gen10
- D. ProLiant ML380 Gen10
- E. MSA 2042

Correct Answer: BE Section: (none) Explanation





# **QUESTION 55**

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

# Correct Answer: D

Section: (none) Explanation

# Explanation/Reference:

# **QUESTION 56**

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

# Correct Answer: C Section: (none) Explanation

**Explanation/Reference:** 



**QUESTION 57** What can you do when installing an HPE switch to provide protection from electrostatic discharge?

- A. Install the switch in a rack with rubber insulators.
- B. Use a power surge protector.
- C. Load balance the power supplies.
- D. Connect the switch grounding cable correctly.

# Correct Answer: D Section: (none)

Explanation

# Explanation/Reference:

# **QUESTION 58**

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

Correct Answer: B Section: (none)



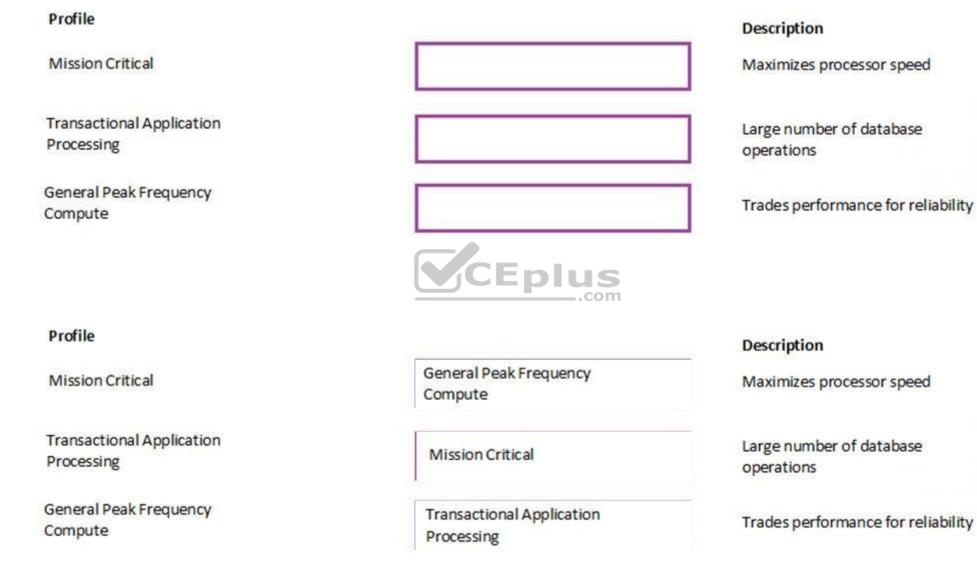
#### Explanation

Explanation/Reference:

#### **QUESTION 59** DRAG DROP

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

#### and Place:



Section: (none) Explanation

**Correct Answer:** 

#### **Explanation/Reference:**

# **QUESTION 60**

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)

Correct Answer: C Section: (none) Explanation



