

## HPE HPE0-S51 Exam

### Volume: 60 Questions

#### Question: 1

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: D

#### Question: 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. MSA 2052
- B. Nimble AF 1000
- C. 3PAR 8450
- D. StoreVirtual 4335

Answer: C

#### Question: 3

A customer requires a storage platform for their departmental 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. StoreEasy

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

Answer: C

Question: 4

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

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

Answer: B

Question: 5

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

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

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

Answer: B

Question: 6

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

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

Answer: D

Question: 7

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

Answer: B,E

Question: 8

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 customers concern?

- A. 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.
- B. 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.
- C. The Trusted Platform Module (TPM) in Gen10 servers protects firmware by using public and private key encryption.

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D. Gen10 servers use silicon root of trust to validate and detect corrupted firmware, and authenticate to block unauthorized updates.

Answer: A

Question: 9

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. NDMP target
- B. VTL device
- C. replication target
- D. block device

Answer: D

Question: 10

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. Smart Storage Administrator
- B. Insight Online
- C. InfoSight
- D. Intelligent Management Center

Answer: C

Question: 11

A customer needs the devices in their non-secure network to communicate in a secure manner.

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

Answer: D

Question: 12

You are installing a server solution in a customer's data center.

How can you ensure that the installation complies with relevant electrical best practices? (Select two)

- A. Use a single phase, two-wire power receptacle with protective earth or ground (PE) to filter interference from the power grid.
- B. Do not allow the overall system AC current load to exceed 80% of the branch circuit AC current rating.
- C. Use fanout cables when connecting the server to the network for maximum electrical impedance.
- D. Balance the server power load between available AC supply branch circuits.
- E. Configure the server power to a single electrical circuit in the data center.

Answer: A,B

Question: 13

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. Arista