

# HP

## Exam HPE0-S51

### Building HPE Data Center Solutions

Version: Demo

[ Total Questions: 10 ]

**Question No : 1**

You are installing an HPE MSA storage system and need to connect the power cooling module (PCM).

What should you do to ensure power redundancy?

- A. Ensure that a physical service processor is properly connected to each PCM.
- B. Verify that each cooling fan is cabled to a separate controller.
- C. Connect each PCM within a shell to a different power distribution unit (PDU).
- D. Connect redundant power cords from the PCM controller to independent power supplies.

**Answer: C**

**Question No : 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. Configure proactive scan reports.
- B. Apply the OneView Advanced monitoring license.
- C. Enable remote support from the Settings page.
- D. Add the hosts to the managed devices group.

**Answer: A**

**Question No : 3**

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**

**Question No : 4**

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

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

**Answer: A**

**Question No : 5**

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

**Answer: C**

**Question No : 6**

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 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 No : 7**

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 No : 8**

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

**Answer: C**

**Question No : 9**

You are troubleshooting a POST error on an HPE ProLiant rack-mount server. HPE

support has directed you to test a minimum hardware configuration.

Which components should you remove? (Select two.)

- A. CMOS battery
- B. all cooling fans
- C. all expansion boards
- D. all external storage media
- E. redundant processors

**Answer: A,D**

**Question No : 10**

You are designing a server solution that requires a significant amount of memory.

Which guideline should you keep in mind when working with memory channels?

- A. Install memory DIMMs of different speeds and sizes in pairs in adjoining sockets on the same memory data bus.
- B. To maximize performance, balance the total memory capacity across all installed processors, and load the channels similarly.
- C. On a Single-CPU server, install the first memory DIMM in channel one, the second in Channel two, the third in channel three, and so on.
- D. For best reliability, install DIMMs of different speeds and sizes in a single memory channel.

**Answer: B**