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Designing HPE Server Solutions

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Question #98 Section 1

A customer needs a solution to run a read-intensive workload. You propose the following configuration:
âœ' HPE ProLiant DL380 Gen10 server
âœ' HPE Smart Array P408e-p SR
âœ' 6 SFF SAS HDD drives
âœ' 1 SSD drive
âœ' RedHat Enterprise Linux 7.0 operating system
The customer needs to lower latency while minimizing investment in new SSD drives.
Which HPE Storage technology most effectively lowers latency of the HDD storage?

- A. HPE 12Gb SAS Expander
- B. HPE Secure Encryption
- C. HPE SmartCache
- D. HPE SSD Smart Path

Answer: C

Question #99 Section 1

A customer plans to use RESTful API to deploy their rack of DL380 Gen10 systems. How does use of this protocol support the customer? (Select two.)

- A. support multiple scripting languages
- B. Secure remote scripting
- C. Ability to run scripts against multiple servers
- D. Boot via SFTP
- E. Boot via HTTP

Answer: AB
Incorrect answer:
C: RESTFUL APIs cannot run scripts against multiple servers.

Question #100 Section 1

A customer is using a DL380 Gen10. They attempt to boot an installation media ISO with iLO Virtual Media, and the system fails to access the ISO. What are the most likely causes of this issue? (Select two.)

- A. HPSSA drives are configured for RAID 1 and not RAID 5
- B. Legacy Boot is not enabled and the media is not UEFI compatible
- C. Secure Boot has derived access to the ISO
- D. The ISO operating system is not supported by HPE
- E. UEFI is not configured for iSCSI initiator support

Answer: CD

Question #101 Section 1

A customer needs a new compute environment based on HPE Synergy with VMware vSphere 6.5. This needs to interact with the customer's exiting network consisting of 300 independent global sites. Each site has 15 unique VLANs. What network technologies would you recommend to meet the customer requirements?

- A. NVGRE increasing the amount of separated Layer 2 segments
- B. VxLAN as it allows flexibility and suitable for multitenant environment
- C. RDMA as it increases host efficiency and virtualization performance
- D. VLANs as it supports up to 4094 VLAN ids

Answer: B

Question #102 Section 1

A customer reports a recent SSD drive failure in an HPE D2220sb Storage Blade that hosts its Virtual Desktop Infrastructure environment. The customer is concerned about the remaining expected lifetime of the SSD drives in its array. Which tool includes the SmartSSD Wear Gauge report that identifies drives at risk of failure?

- A. HPE Smart Storage Administrator
- B. HPE OneView (Volumes screen)
- C. Option ROM Configuration for Arrays
- D. HPE SmartCache

Answer: A
Reference -
https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-c04455150

Question #103 Section 1

A customer wants to use iLO Federation to manage firmware deployments with HPE SUM. Which options are included? (Select two.)

- A. Automatically discover iLO Federation groups on the same management network
- B. Apply updates to all members of iLO Federation group with an iLO standard license
- C. iLO federation is leveraging ICsp functionality to update firmware
- D. Update all applicable firmware on HPE ProLiant servers through the iLO using offline deployment
- E. Update the iLO firmware and system ROM offline through the iLO Federation group

Answer: BD
Reference:
https://support.hpe.com/hpsc/doc/public/display?docId=c04774377

Question #104 Section 1

A customer is looking to add StoreVirtual VSA to their HPE Synergy environment. Which questions should you ask to ensure success?

- A. Is there adequate rack space for expansion?
- B. Which servers are currently being utilized?
- C. Is fiber channel or iSCSI being utilized?
- D. Which applications are running?

Answer: D

Question #105 Section 1

A customer needs to maximize Hyper-V Live Migration performance. What technology will meet the customer's requirement?

- A. virtual extensible LAN(VXLAN)
- B. Fibre Channel over Ethernet (FCoE)
- C. network virtualization using generic routing encapsulation (NVGRE)
- D. RDMA over Converged Ethernet (RoCE)

Answer: D

Question #106 Section 1

Your customer wants to add additional five HPE Synergy frames to an existing environment based on ten frames. The customer wants to know how to add new frames to existing infrastructure. How should you explain the expansion process?

- A. Add required licenses to the HPE Composer, and add them to the existing logical enclosure
- B. Add additional HPE Composer to match a 3:1 frame-to ""Composer ratio
- C. Discover new frames in HPE Composer, and add them to the existing logical enclosure
- D. Add new frames to the existing management ring using Frame Link Modules

Answer: D

Question #107 Section 1

You are introducing Synergy to a new customer. Which tool can you use to demonstrate the physical components of the Synergy frame and how they connect?

- A. HPE Product Bulletin
- B. HPE Synergy Planning Tool
- C. HPE Product Tour
- D. HPE PartSurfer

Answer: B
Reference:
https://support.hpe.com/hpsc/doc/public/display?docId=c05061206
(p.33, power supply configurations)

Question #108 Section 1

Which product provides an interface for customers to monitor device health, hardware events, and contract and warranty status?

- A. Intelligent Provisioning
- B. Insight Online
- C. HPE OneView Global Dashboard
- D. HPE OneView

Answer: B
Reference:
https://support.hpe.com/hpsc/doc/public/display?docId=c03178991

Question #109 Section 1

A customer operates a High Performance Cluster (HPC) environment and wants to innovate and maximize GPU processing. Which solution should the customer use for scaling-out?

- A. Apollo
- B. ProLiant DL servers
- C. Synergy
- D. ProLiant c-Class

Answer: A
Reference:
https://www.hpe.com/us/en/solutions/hpc-high-performance-computing.html

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