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Designing HPE Server Solutions

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QUESTION 1

A customer is running an Online Transaction Processing (OLTP) application that requires high-speed access to the application files with a minimal latency.

Which internal storage technology offers highest performance?

- A. NVMe SSD
- B. M.2 SATA
- C. SATA SSD
- D. SAS SSD

Correct Answer: A

QUESTION 2

Which iLO 5 feature allows a customer to directly, physically connect to a ProLiant server to troubleshoot issues?

- A. iLO Federation
- B. iLO Amplifier Pack
- C. iLO mobile app
- D. iLO Service Port

Correct Answer: D

QUESTION 3

A customer needs a solution to run a read-intensive workload. You propose the following configuration: HPE ProLiant DL380 Gen10 server HPE Smart Array P408-p SR 6 SFF SAS HDD drives 1 SSD drive RedHat Enterprise Linux 7.0 operating system

The customer needs to lower latency while minimizing investment in new SSD drives.

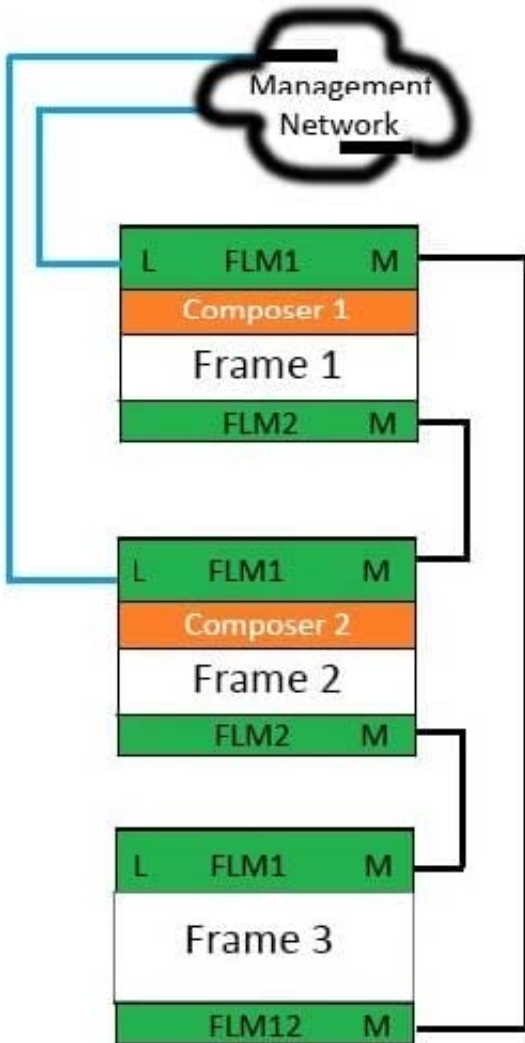
Which HPE Storage technology most effectively lowers latency of the HDD storage?

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

Correct Answer: C

QUESTION 4

Refer to the exhibit.



You are installing three Synergy frames for a customer PoC in the configuration shown. The composer is unable to discover the frames.

What is the most likely cause of the problem?

- A. Another composer is needed Frame 3
- B. Composer 2 is in the wrong frame
- C. The management network should be connected to the top and bottom frames
- D. The management ring should be connected using the FLM link ports

Correct Answer: A

QUESTION 5

A financial customer has a remote office that requires a significant amount of computing resources, but has no local IT staff. They need simple and affordable management and disaster recovery of their site. Which solution should you recommend to meet this customer's needs?

- A. HPE ConvergedSystem 300
- B. HPE SimpliVity 380
- C. HPE StoreOnce 5100
- D. HPE Serviceguard for Linux

Correct Answer: B

QUESTION 6

Your customer is interested in Synergy and composable infrastructure. They are concerned that operational savings may not meet expectations since operating system installation consumes a great deal of time. Which feature should you highlight to overcome the objection?

- A. The Synergy Composer provides HTTPS boot services
- B. The Synergy Frame Link modules provide PXE operating boot partitions
- C. The Synergy Composer can provision operating systems in seconds
- D. The Synergy Image Streamer can provision operating systems in seconds

Correct Answer: D

QUESTION 7

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

Correct Answer: CD

QUESTION 8

A customer needs to boot from PXE with IPv6 across the Gen10 servers. Which option must be enabled to use this feature?

- A. UEFI Boot with IPv6 enabled
- B. Legacy One-Time boot menu
- C. UEFI Secure Boot
- D. HPE Intelligent Provisioning with IPv6 DHCP

Correct Answer: A

Reference: https://support.hpe.com/hpsc/doc/public/display?docId=emr_na-a00028429en_usanddocLocale=en_US

QUESTION 9

A customer needs to update the system bios on their DL380 Gen10. They are unable to download the latest Service Pack for ProLiant.

What is the most likely cause of the problem?

- A. Embedded remote support is not enabled on that server
- B. There is no valid SAID contract associated with their HPE passport
- C. The maximum number of servers supported by the agreement has been exceeded
- D. An iLO5 Advanced Premium Security Edition license has not been installed

Correct Answer: B

QUESTION 10

A customer has an existing Hadoop installation built on DL380 Gen9 24SFF servers. You need to review their existing installation and provide recommendations on how to achieve their stated storage density goal of over 5PB per server cabinet.

Which HPE solution should you recommend?

- A. HPE DL580 Gen10
- B. HPE Apollo 6500
- C. HPE Apollo 4510
- D. HPE ML350 Gen10

Correct Answer: C

QUESTION 11

A customer asks for a network technology that will maximize throughput and minimize latency and CPU utilization across servers using SMB Direct and 10Gb Ethernet.

Which technology should you propose?

- A. TCP/IP Offload Engine
- B. RDMA
- C. virtual extensible LAN (VXLAN)
- D. InfiniBand

Correct Answer: B

QUESTION 12

A customer is installing multiple racks of DL380 Gen10 servers in a datacenter. They need to configure each one with identical BIOS settings. Which tools are available to solve the situation? (Choose two.)

- A. HPE Active Health System
- B. HPE Smart Update Manager
- C. HPE OneView
- D. HPE ICsp
- E. HPE Intelligent Provisioning

Correct Answer: DE

QUESTION 13

A customer has a ProLiant DL-based server solution. The customer is experiencing I/O timeouts on their SQL data volume running on this solution. Which solution will increase the application performance?

- A. Upgrade memory to 2666 MHz DDR4
- B. Upgrade the current processor to a Xeon-Platinum
- C. Install an SSD drive and SmartCache license
- D. Install an SSD drive to host the log volume

Correct Answer: B

QUESTION 14

A hospital has an HPE ProLiant environment consisting of G7 and Gen8 servers. They have a new regulatory requirement to improve security of the management interface.

What should the customer do to meet their requirements?

- A. Install iLO Advanced Premium Security Edition licenses
- B. Upgrade the network cards to ones that support TLS 1.2
- C. Integrate iLOs with Active Directory
- D. Combine data and networks in a DMZ

Correct Answer: C

QUESTION 15

What is a benefit of NVMe technology?

- A. optimized SMB workloads
- B. minimized network bandwidth
- C. lower application costs
- D. low latency data access

Correct Answer: D

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