HP

HPE0-S46

Architecting HPE Server Solutions

QUESTION: 56
An architect has designed a server solution for a customer that includes ProLiant BL460c Gen9 server blades with Smart Array P244br controller. The customer needs to be able to configure, manage, and troubleshoot the locally attached storage in this solution. Which HPE tool should the architect recommend to the customer?

A. HPE Smart Storage Administrator
B. HPE Array Configuration Utility
C. HPE Insight Remote Support
D. HPE iLO

Answer: A

QUESTION: 57
A customer needs to improve the performance of a CPU intensive application running on an HPE ProLiant DL 360 Gen9 server with an Intel Xeon E5 processors. The architect proposes to add an Intel Phi coprocessor extensions to the server. What should an architect verify to ensure the coprocessor will improve application performance?

A. that the application is able to work in a clustered environment
B. that the application is highly parallel, and can scale to more than one hundred threads
C. that the server is connected with a 40Gb/s network interface card
D. that the server has a minimum of 24 GB ECC-capable RAM installed

Answer: B

QUESTION: 58
An architect has designed an HPE BladeSystem with Flex-10D Virtual Connect that connects to HPE 5830 switches. The architect needs to ensure that the solution simplifies the customer's campus Ethernet. Which additional HPE technology should the architect recommend to the customer?

A. Intelligent Resilient Framework (IRF)
B. Shortest Path Bridge Mac in Mac (SPBM)
C. Fiber Channel over Ethernet (FCoE)
D. RDMA over Converged Ethernet (RoCE)

Answer: C

QUESTION: 59
Which HPE technology helps to address concerns about server interconnectivity and cable management, and the network effect of increased East-West server traffic when using VMware vMotion for virtual machine migration?

A. HPE ProLiant DL servers with a traditional three-tier infrastructure
B. HPE ProLiant DL servers with HPE StoreVirtual 4000 Storage
C. HPE BladeSystem with HPE Virtual Connect
D. HPE BladeSystem connected to externaliSCSi storage

Answer: C

Explanation:
Without Virtual Connect abstraction, changes to server hardware (for example, replacing the system board during a service event) typically implies changes to the MAC addresses and WWNs. The server administrator must then contact the LAN/SAN administrators, give them the updated addresses, and wait for them to make the appropriate updates to their infrastructure. With Virtual Connect, a server profile keeps the MAC addresses and WWNs constant, so the server administratorcan apply the same networking profile to new hardware. This feature can significantly reduce the time required to complete a service event.

QUESTION: 60
A customer has a ProLiant DL based server solution. The customer is experiencing high write latency with its virtual desktop infrastructure running on this solution.
Which solution will increase the application performance and reduce the use of resources?

A. Upgrade the current processor to the E5-4800 v5 processor
B. Add a PCIe Worload Accelerator
C. Migrate to PCIe Solid State Drives
D. Upgrade memory to 2133 MHz DDR4

Answer: B

Explanation:
The IO Accelerator is an advanced storage device that uses solid state storage technology directly on the PCI bus, assuring high read and write data rates and accelerated application performance. The associated application performance improvements will have a positive impact on business results and the ability to make decisions quickly, resulting in significant cost and time savings.

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