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Exam : **HPE0-S22**

Title : Architecting Advanced HPE Server Solutions

Version : DEMO

1.A customer has a Hadoop big data and analytics solution. The customer needs a server upgrade to improve performance for this solution and plans to add more solutions that draw on the data, such as a Cassandra NoSQL database. The customer is interested in a flexible HPE Big Data Reference Architecture approach.
Which solution meets the customer's needs?
A. HPE Moonshot 1500 Systems with m700 cartridges for co-located compute and storage nodes
B. HPE Apollo 4530 Systems for co-located compute and storage nodes
C. HPE Apollo 8000 Systems for the compute nodes and HPE Superdome X Systems for the storage nodes
D. HPE Moonshot 1500 Systems with m710 cartridges for the compute nodes and HPE Apollo 4200 Systems for the storage nodes
Answer: D

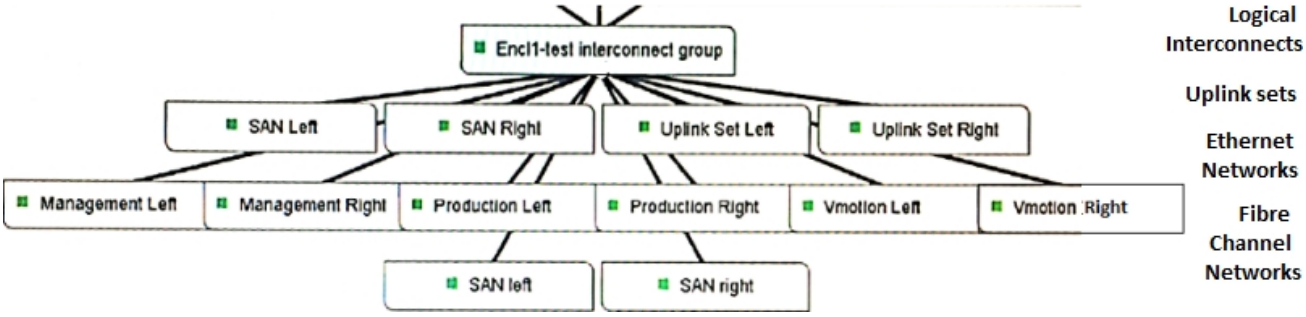
2.A customer recently purchased an HPE Moonshot chassis to host its internal website. Subsequently, the customer reports difficulties deploying new cartridges in an efficient manner. The customer suggests exchanging the solution for a more traditional server platform.
What can the architect demonstrate to the customer to help solve the problem while preserving the validity of the original design solution?
A. how to use SCCM to provide a graphical installation method for new nodes
B. how to use VSP to provide a graphical installation method for new nodes
C. how to add an mRCA module to provide a graphical installation method for new nodes
D. how to use iLO remote console to provide a graphical installation method for new nodes
Answer: C
Explanation:
In order to interface with the specific server cartridge node, the mRCA must be installed in a specific slot within the chassis, relative to the linking server cartridge.
Reference: https://h20565.www2.hpe.com/hpsc/doc/public/display?sp4ts.oid=5365577&docLocale=en_US&docId=emr_na-c04785597

3.A customer is planning a multi-threaded HPC solution that would benefit from threads running in parallel.
The architect selects the HPE Apollo 6000 and needs to choose between the HPE XL230a and the XL250a compute tray.
What is one reason for choosing the XL250a tray?
A. The HPE XL250a server supports DDR4 HPE Smart Memory.
B. The HPE XL250a server supports dual accelerators.
C. The HPE XL250a server provides full length PCIe expansion slots.
D. The HPE XL250a server delivers dual processor performance.
Answer: B
Explanation:
The HPE ProLiant XL250a Gen9 Server delivers 2P performance for your budget with dual accelerator support, while leveraging the HPE Apollo 6000 System and its modular flexibility and rack-scale efficiency. This server features the Intel® Xeon® E5-2600 v3/v4 series processors and 16 DIMM slots are ready with DDR4 2133 (1024 GB maximum)/2400 (2048 GB maximum) MHz memory and HPE Smart Memory.

Reference: https://www.hpe.com/nz/en/product-catalog/servers/proliant-servers/pip.hpe-proliant-xl250a-gen9-server.7307070.html

4.An architect takes the following notes during a meeting with a customer:
plans to introduce an entirely new service offering to customers
servers will be virtualized and will consume large amounts of storage space
project is to operate in an isolated section of the data center with limited access to the corporate network
need flexibility to grow quickly as required by the new service demands on the infrastructure
has no repeatable process for firmware management
concerned about how long it will take for the project team to become productive on the new infrastructure
Which solution should the architect propose to help the customer overcome all of its project challenges?
A. HPE BladeSystem solution with HPE 3PAR storage
B. HPE Apollo 6000 solution with HPE 3PAR storage
C. HPE Converged System 700 solution with HPE 3PAR storage
D. HPE Apollo 2000 solution with HPE 3PAR storage
Answer: B

5.View the Exhibit.



Refer to the exhibit. A customer has an HPE c7000 enclosure managed by HPE OneView with HP BL460c Gen9 servers in a vSphere cluster. The customer has multiple vLANs trunked from the top of rack (TOR) switches to the Virtual Connect modules in the enclosure. Due to network Access Control List (ACL) requirement and guidelines from the networking department, all network traffic should be forced to an upstream switch using the Virtual Connect “Private Network” feature.
The customer reports slow network response.
Which modification can the architect recommend to improve network performance?
A. Change the FlexFabric 20/40 adapter modules with Flex 10/100 modules.
B. Change the FlexFabric adapter modules with Flex-10 adapter modules.
C. Remove the Management network from the uplinks.
D. Put the vMotion network in a separate uplink set and disable “Private Network”.
Answer: A