

HP

Exam HPE0-S22

Architecting Advanced HPE Server Solutions

Version: Demo

[Total Questions: 10]

Question No : 1

A customer has an HPE Integrity Superdome X system with an nPartition that has been provisioned with a supported OS and application.

What first detects data corruption caused by an installed DIMM module?

- A. the XNC2 controller in the internal fabric
- B. the application using the data
- C. the OS installed on the nPartition
- D. the Superdome X firmware

Answer: D

Question No : 2

A customer plans to use Insight Control server provisioning and HPE OneView for vCenter Server. The vCenter Server manages one c7000 enclosure with 16 server blades running VMware ESXi.

Which licensing option should the architect include in the proposal?

- A. one HPE OneView Standard license for each managed server and one HPE OneView for vCenter Server license for the c7000 enclosure
- B. one Insight Control server provisioning license for each managed server
- C. one Insight Control server provisioning license for each managed server blade and one HPE OneView for vCenter Server license for the entire c7000 enclosure
- D. one HPE OneView Advanced license for each managed server

Answer: C

Question No : 3

A customer has HPE BladeSystem BL460c Gen9 blades with two processors and 512GB of memory. The blades are running a MS-SQL database on a clustered 2TB SAS virtual volume that is exported from an HPE 3PAR StoreServ 8200. The customer reports that the MS-SQL database is performing poorly.

After extensive performance trending analysis, it is determined that the database front-end I/O requirements are unpredictable and often exceed 100,000 IOPs with latency in excess 30ms at critical times.

Which solution should the architect recommend to resolve the performance issue with consideration to cost and complexity?

- A. Increase the memory on the blades to 2TB.
- B. Install SSD drives local to the BL460c.
- C. Install an HPE IO Accelerator on the blade.
- D. Add Adaptive Optimization licensing.

Answer: B

Question No : 4

A customer plans to purchase some c7000 blade enclosures equipped with Virtual Connect FlexFabric modules to support its development and test team. The customer is concerned about frequent changes to the server blade connectivity. In the initial proposal, an architect included HPE OneView, and now the customer wants to learn how HPE OneView will address their concern.

Which HPE OneView functionality should the architect explain to the customer?

- A. all external connectivity changes will be automatically discovered and server profiles will be automatically updated to reflect the change.
- B. the customer can use different plugins to visualize network and storage connectivity, and change them by using the drag and drop method.
- C. the customer can create profile templates, deploy server profiles from the template, and, if necessary, use the same method to update server connectivity.
- D. the customer can access HPE Virtual Connect Enterprise Manager and perform connectivity changes for all servers in the same Virtual Connect Domain Group.

Answer: B

Question No : 5

A customer has a large Oracle-based ERP solution that runs on HPUX and multiple rx2800 i2 servers. The customer plans to move to an open source solution to reduce operating

expenses. The customer needs the ability to deliver incremental capacity and needs to avoid incremental Oracle licensing costs,

Which HPE Server solution will help meet the customer's needs?

- A. HPE Apollo 6000 System
- B. HPE Superdome X
- C. HPE BladeSystemc7000 with BL460G Gen9 Servers
- D. HPE Apollo 4500 System

Answer: B

Explanation:

References:

Question No : 6

An architect proposes an HPE Moonshot 1500 chassis with m710p cartridges, an HPE Moonshot 45XGc Switch, and an HPE 4-QSFP+Uplink Module. The customer informs the architect that each cartridge requires a redundant 10GbE link.

How should the architect change the proposal?

- A. Add another FlexibleLOM adapter for each cartridge.
- B. Change the HPE Moonshot 45XGc Switch to an HPE Moonshot 180G switch.
- C. Add another HPE Moonshot 45XGc Switch and 4-QSFP+Uplink Module.
- D. Change the 4-QSFP+Uplink Module to a 16-SFP+ Uplink Module.

Answer: A

Question No : 7

An architect is designing an HPE Apollo 6000 solution to support a customer application. The architect is choosing between the HPE ProLiant XL230a and the XL250a compute tray.

What is one reason for choosing the XL250a tray?

- A. The application is single-threaded.
- B. The application requires high storage capacity.
- C. The application uses high amounts of memory.
- D. The application requires GPU acceleration.

Answer: B

Question No : 8

An architect is planning an HPE Integrity Superdome X solution with the following nPartitions:

nPar 1= Slots 1, 3, and 5

nPar 2 = Slots 2, 4, and 6

The Superdome X solution must connect to a Fibre Channel SAN solution, which provides boot disks for the Superdome X solution.

The architect has selected a Flexible LOM adapter for each blade.

What is a valid plan for additional adapters?

- A. one 2-port FC HBA for slot 1
- B. one 2-port FC HBA each for slot 1, slot 3, and slot 5
- C. one 2-port FC HBA each for slot 1 and slot 2
- D. one 2-port FC HBA each for slot 2, slot 4, and slot 6

Answer: D

Question No : 9 DRAG DROP

Select all that apply.

Click and drag the Network Interface on the left to match it with its HPE Server Family on the right.

Network Interface	HPE Server Family
c-Class Interconnect Modules	HPE Integrity Superdome X
Switch Module / Uplink Module	HPE Moonshot
Network I/O Modules	HPE Apollo

Answer:

Network Interface	HPE Server Family
c-Class Interconnect Modules	Integrity Superdome X
Switch Module / Uplink Module	Moonshot
Network I/O Modules	Apollo

Question No : 10

An architect is planning an HPE Moonshot solution with m710p cartridges. The customer's application requires cartridge nodes to connect to a NAS. The customer's current infrastructure supports 10GbE. In the future, the customer plans to upgrade the fabric between the HPE Moonshot and the NAS solution to support 40GbE.

Which switch modules and uplink modules should the architect recommend to meet both the current and future needs?

- A. HPE Moonshot 45XGc Switch Modules and HPE Moonshot 4-QSFP+ Uplink Modules
- B. HPE Moonshot 180G Switch Modules and HPE Moonshot 4-QPPF+ Uplink Modules
- C. HPE Moonshot 45XG Switch Modules and HPE Moonshot 16-SPF+ Uplink Modules
- D. HPE Moonshot 180G Switch Modules and HPE Moonshot 16-SFP+ Uplink Modules

Answer: A