

# DUMPS ARENA

## Architecting Advanced HPE Server Solutions

HP HPE0-S22

Version Demo

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**QUESTION NO: 1**

When designing a Superdome X configuration for a customer, which storage configuration should the architect choose?

- A.** one mezzanine FC port on one nPar dedicated for booting from an MSA 2040 and an additional FC port for user data
- B.** booting from a local direct attached SSD disk and a mezzanine FC port for user data storage on an MSA 2040
- C.** a single mezzanine FC port in each nPar for common access to all volumes on an HPE 3PAR StoreServ
- D.** booting from a local direct attached SSD disk and a mezzanine TOE N/W port for user data accessing an MSA 2040 using iSCSI

**ANSWER: C****QUESTION NO: 2**

A customer has an Ethernet-based storage solution. The customer needs to upgrade its servers to prepare for expanding storage. The customer has spent a lot of money to update its Ethernet infrastructure, so does not want to change it.

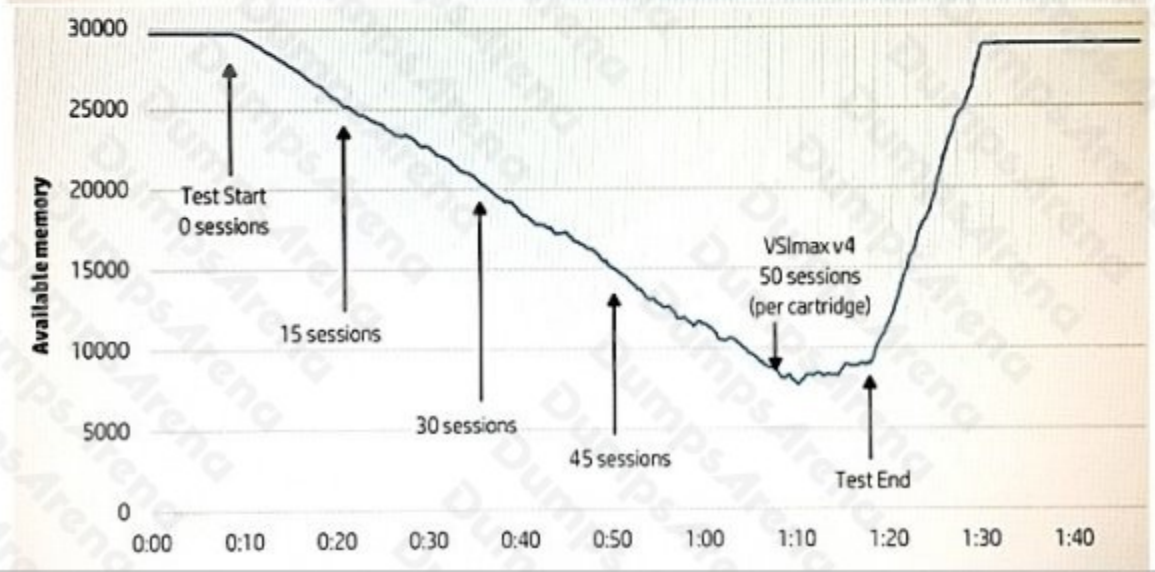
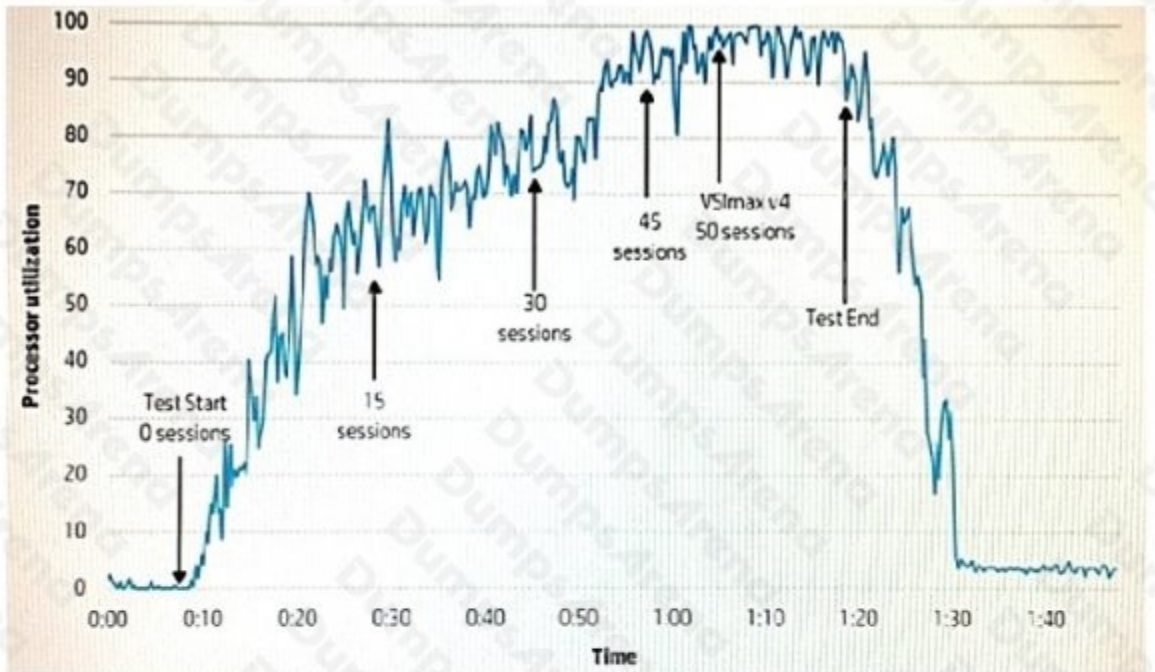
The customer has DAS and NAS-based storage and plans to implement a Fibre Channel SAN-based storage array within the next six to eight months.

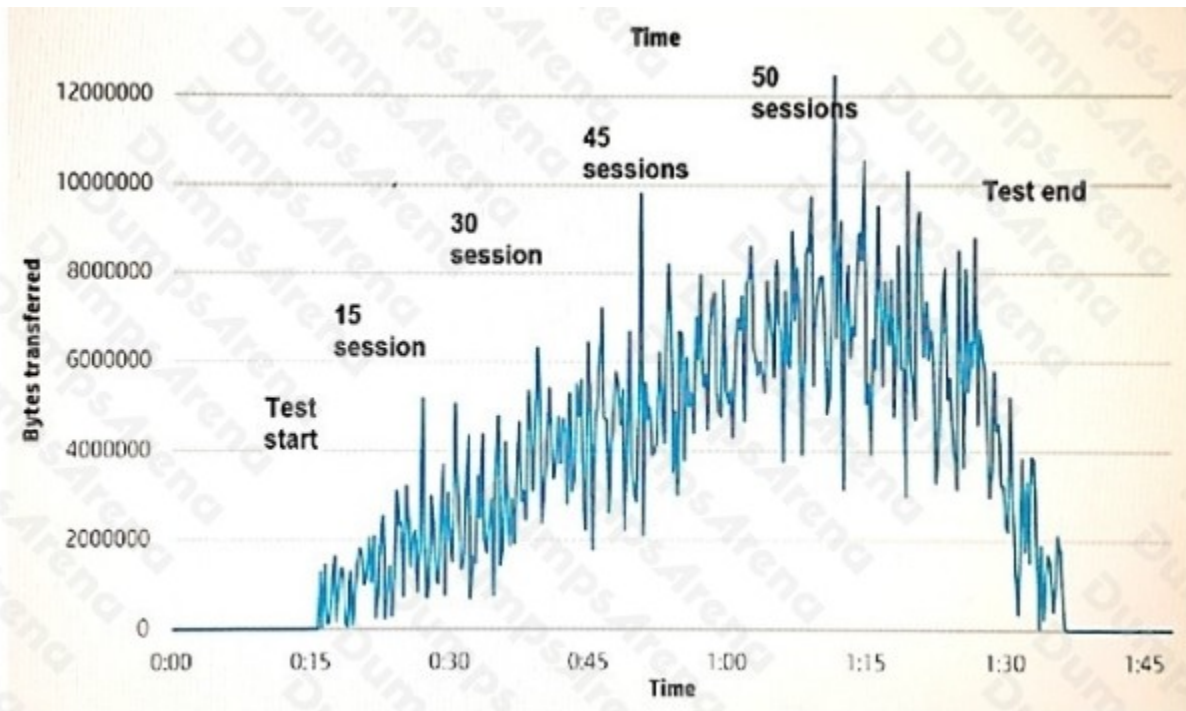
Which server-based solution meets the customer's future needs?

- A.** HPE Apollo 8000 solutions
- B.** HPE DL360 solution with fibre-based HBAs
- C.** HPE BL460c solution with Converged Networks Adapters
- D.** HPE Moonshot solutions

**ANSWER: C****QUESTION NO: 3**

View the Exhibit.





Refer to the exhibit. An architect is planning an HPE Moonshot System with m710 cartridges to support a customer application virtualization solution. The customer indicated that the maximum acceptable response time for the solution is three seconds. The architect has implemented a POC and tested a single cartridge with different numbers of user sessions.

The architect monitored resource utilization throughout the tests. The results of the test with the point at which the response time exceeded three seconds are shown, marked as the "VSI max."

What should the architect conclude from this test?

- A. CPU becomes a limiting factor around 50 sessions, so the architect should propose at least one cartridge per 45 or 50 users.
- B. None of the monitored resources shows signs of being a bottleneck, so the architect should consider other factors such as the HPE Moonshot switch module.
- C. The network adapter becomes a bottleneck before other resources, so the architect should propose m710p cartridges, which provide 10GbE ports.
- D. The memory becomes a bottleneck before other resources, so the architect should propose m400 cartridges, which provide a higher memory capacity.

**ANSWER: C**

#### 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**

An architect needs to scope the number of required m710p cartridges for video transcoding. The architect plans to aim for an additional 20 to 25 percent growth capacity.

In addition to this growth capacity, which factors will determine the number of required cartridges? (Choose two.)

- A.** the amount of memory required
- B.** the number of video streams required
- C.** the number of formats to which to convert
- D.** the number and type of processors
- E.** the amount of storage capacity required

**ANSWER: B E**

#### **QUESTION NO: 6**

How does the HPE c7000 BladeSystems use of network infrastructure compare with the HPE Apollo 6000's?

- A.** The HPE c7000 BladeSystem offers less port variety.
- B.** The HPE c7000 BladeSystem offers greater port consolidation.
- C.** The HPE Apollo 6000 offers greater per server connectivity.
- D.** The HPE Apollo 6000 uses fewer network ports per server.

**ANSWER: A**

**QUESTION NO: 7**

A customer needs an HPE Apollo 6000 solution and Remote Direct Memory Access (RDMA).

Which network interconnects should the architect recommend for this solution? (Choose two.)

- A. 1 GbEthernet
- B. Infiniband
- C. FlexFabric
- D. 16 Gb Fibre Channel
- E. 12G SAS

**ANSWER: A B**