HPE0-S22 Q&As

Architecting Advanced HPE Server Solutions

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QUESTION 1

Which factors must the architect consider to help define an appropriate HPE server solution to meet a customer\\'s needs?

A. the legacy hardware and software solutions that the customer is currently running, whether the customer is standardized on x86 architectures, and which storage and networking protocols the customer is using

B. the number of users for the application, the IT resources required by the application, which applications can be consolidated, and whether there are any Service Level Agreement (SLA) requirements

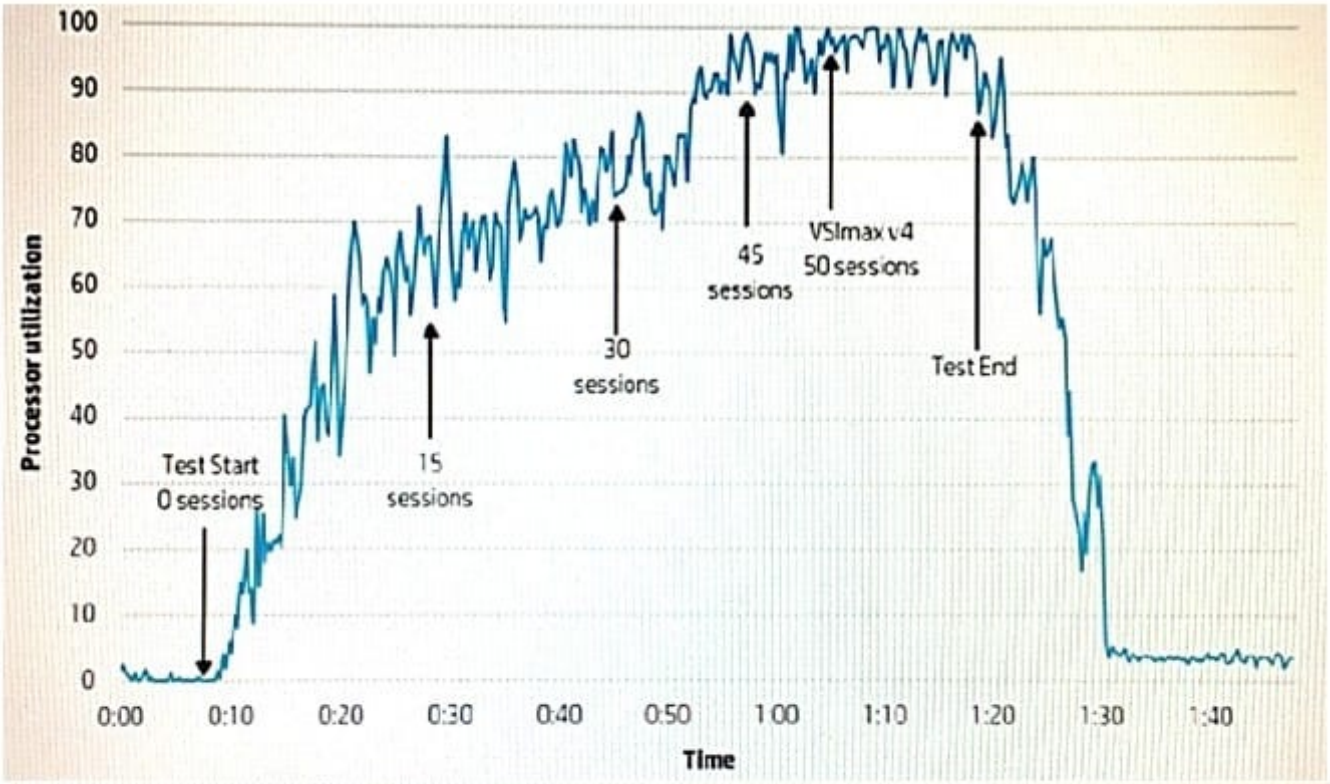
C. whether the customer is considering solutions for the New Style of IT, for Security, for Big Data, or for Mobility

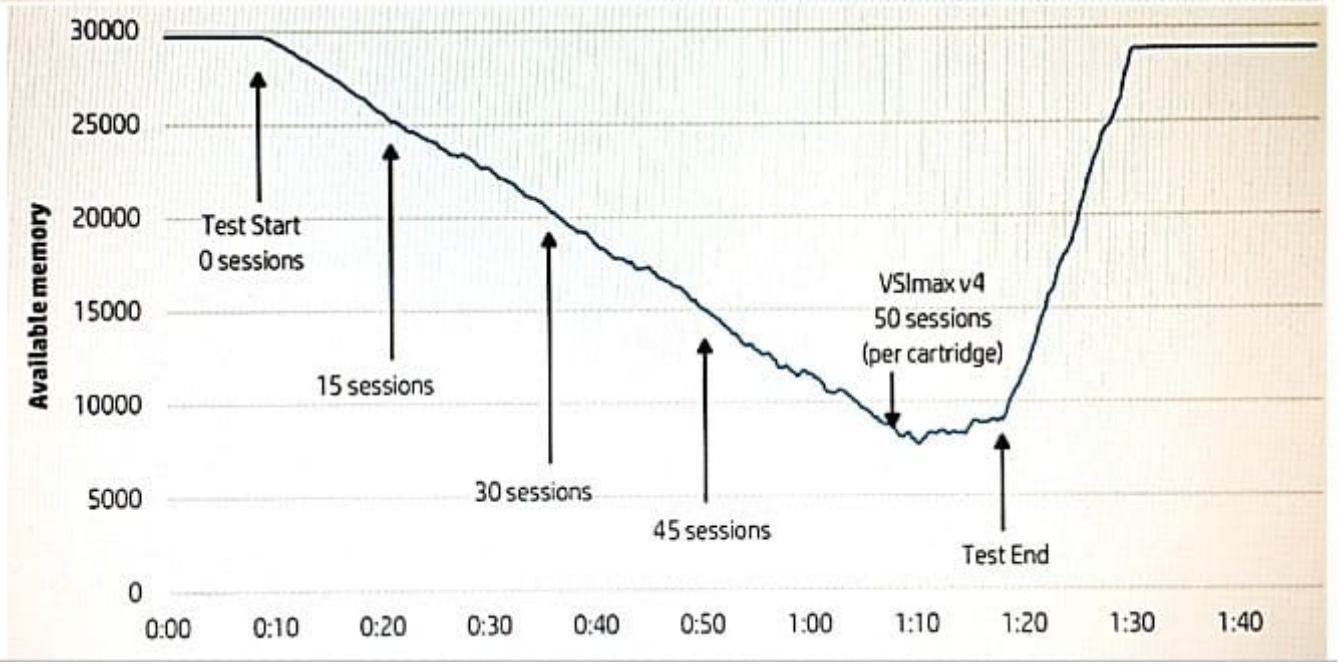
D. the installed base of ProLiant, 3PAR, and ProCurve products, and whether any Cloudline opportunities exist at the customer site

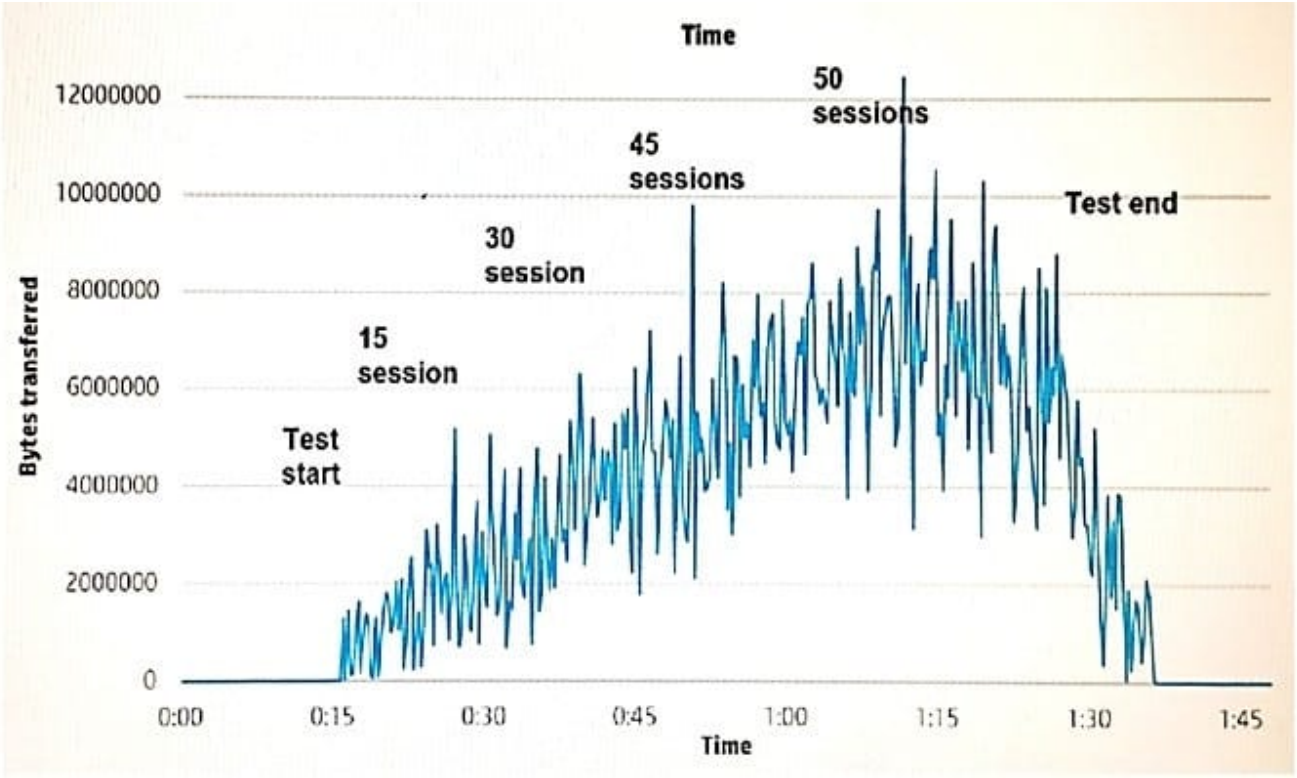
Correct Answer: B

QUESTION 2

View the Exhibit.


Processor utilization
100
90
80
70
60
50
40
30
20
10
0
0:00
0:10
0:20
0:30
0:40
0:50
1:00
1:10
1:20
1:30
1:40
Time
Test Start
0 sessions
15
sessions
30
sessions
45
sessions
VSImax v4
50 sessions
Test End


Available memory
30000
25000
20000
15000
10000
5000
0
0:00
0:10
0:20
0:30
0:40
0:50
1:00
1:10
1:20
1:30
1:40
Test Start
0 sessions
15 sessions
30 sessions
45 sessions
VSImax v4
50 sessions
(per cartridge)
Test End



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.

Correct Answer: C

QUESTION 3

A customer plans to add a high performance computing system capable of hard partitioning to a data center that employs HPE StoreServ 7000. Which solution should the architect include in the design?

A. an HPE Apollo 2000 system with iSCSI connectivity to the HPE 3PAR system

B. an HPE Moonshot system with iSCSI connectivity to the HPE 3PAR system

C. an HPE Apolo6000 with Fibre Channel connectivity to the HPE 3PAR storage

D. an HPE SuperdomeX with Fibre Channel connectivity to the HPE 3PAR storage

Correct Answer: D

QUESTION 4

An architect is planning an HPE Moonshot System deployment. The architect plans to individually connect each iLO CM module to the management network. The customer informs the architect that this plan requires too many 1GbE ports per rack for the data center infrastructure.

What is one way that the architect can alter the plan to meet the customer\\'s needs, while still allowing iLO access to the HPE Moonshot Systems?

A. Configure iLO traffic to share the same adapters as production traffic. Configure VLANs on the HPE Moonshot switch modules to separate the two types of traffic.

B. Keep one iLO CM Management port connected to the network. Use the iLO CM link ports on each iLO CM module to daisy chain the chassis together.

C. Enable the iLO REST API on each cartridge node. The nodes will then accept iLO commands on the adapters that they use for production traffic.

D. Add a second switch module and uplink module to each chassis to connect to the cartridge iLO ports. Stack the modules in different chassis and connect just one to the management network.

Correct Answer: D

QUESTION 5

An architect is developing a proof of concept (PoC) for an HPE Apollo 6000 solution. The architect needs to monitor CPU, memory, disk IO, and network IO utilization while running the customer application. Which HPE solution can the architect use for this monitoring?

A. HPE Apollo Management Module

B. HPE Insight Cluster Management Utility (CMU)

C. HPE OneView 2.0

D. HPE Advanced Power Management (APM)

Correct Answer: A