HPE HPE0-S22 Exam

Volume: 60 Questions

Question: 1
A customer needs a live transcoding solution that meets the following requirements:
Which solution should the architect recommend?

A. Several HPE Apollo 6000 Systems with HPE ProLiant XL220a server nodes

B. Several HPE Moonshot Systems with m700 cartridges

C. Several HPE Moonshot Systems with m710p cartridges

D. Several HPE Apollo 6000 Systems with HPE ProLiant XL230a server nodes

Answer: C

Question: 2
An architect finds several vulnerabilities with a customer's digital enterprise that could lead to data loss on a third-party storage system for critical business segments.
Which solution should the architect propose to help the customer to protect their digital enterprise?

A. an HPE StoreOnce solution configured to take backups of the critical data from the third party storage

B. an HPE StoreAll solution configured to migrate the critical data to object-based storage

C. an HPE StoreVirtual solution configured as a secondary node to replicate the critical data on the third-party storage

D. an HPE 3PAR StoreServ solution configured to peer persistence with the third-party storage to protect the critical data
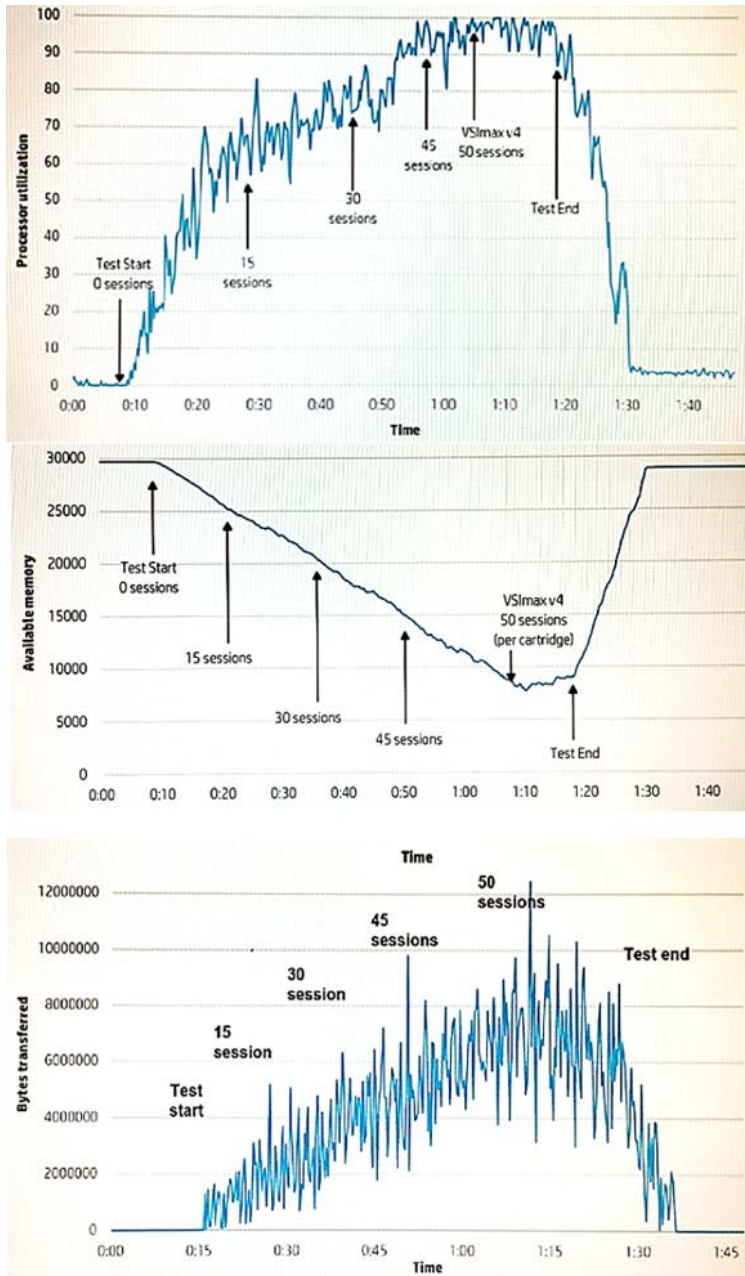
Answer: D

Question: 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 m710pcartridges, which provide 10GbE ports.

D. The memory becomes a bottleneck before other resources, so the architect should propose m400cartridges, which provide a higher memory capacity.

Answer: C

Question: 4
An architect needs to demonstrate the financial advantages of a proposed HPE server and Hypervisor-based solution compared to a legacy server environment that has traditional servers and desktops.
Which tool should the architect use?

A. Hyperscale Business Value Calculator

B. Client Virtualization ROI Calculator

C. HPE Business Technology Optimization

D. HPE Business Process Monitor

Answer: A

Question: 5
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.

Answer: D

Question: 6
A customer is deploying HPE Apollo Systems, which the customer hopes will help the organization achieve its goals for efficient energy operations. In assessing the customer maturity, the architect finds that IT staff has limited insight into how efficiently servers are operating and limited ability to enforce energy efficiency policies.
Which solution should the architect recommend to help solve these issues?

A. HPE Advanced Power Manager

B. HPE OneView 2.x

C. HPE Power Advisor

D. HPE Insight Remote Support

Answer: A

Question: 7
A customer is considering upgrading from a BL460c Gen8 to a BL460c Gen9 server. The customer needs to retain the ESXI V5.5 boot volumes and enable UEFI secure boot mode on the new BL460c Gen 9 server.
What should the architect explain to the customer?

A. The ESXI V5.5 volume will not boot in UEFI mode.

B. The server must be configured to support GPT boot drives.

C. ESXI V5.5 needs to be patched up to ESXI V6.

D. Secure boot mode must be enabled and certificate installed.

Answer: C

Question: 8

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A customer plans to develop scripts that use the REST API for HPE OneView. However, the customer is concerned about the complexity of the scripts.
Which tool can be used to adopt the HPE OneView REST API quicker?

A. HPE SmartStart Scripting Toolkit

B. HPE Operations Analytics for HPE OneView

C. HPE Python library for HPE OneView

D. HPE iLO4 using RedFish

Answer: B

Question: 9
An architect is proposing an HPE Moonshot System, including m710 cartridges, an iLO Chassis Manager, switch, and uplink modules. The customer needs IT staff to be able to access cartridges over a Remote console.
What should the architect explain to the customer?

A. IT staff can open a Remote Console to any cartridges linked to an mRCA through the iLO CM.

B. Remote console access is only supported when a cartridge is part of an HPE Helion CloudSystem solution.

C. Remote console access is not supported for cartridges; IT staff should use local consoles instead.

D. IT staff can open a Remote Console to any cartridge through the iLO CM.

Answer: A

Question: 10
Which discussion point describes a Tier I approach to datacenter redundancy levels?

A. optimizing DIMM memory and RAID protected storage

B. composing the solution of basic hypervisor clustering technology

C. using a single path for power and cooling distribution without redundant components

D. implementing primarily a storage redundancy technique

Answer: B

Question: 11
What is a basic assumption for an architect using the HPE Servers TCO calculator to justify a customer's migration away from a fully depreciated set of hardware?

A. By analyzing the project's internal rate of return (IRR), it is possible to determine if the lower IRR will make it more desirable to undertake the project.

B. When the customer's older systems are under a support contract, a new system can sometimes pay for itself simply by not renewing the older support contracts.

C. The Net Present Value (NPV) is the difference between the value of the older systems and the cost of the new systems.

D. The opportunity costs of not migrating from a legacy environment to an HPE Converged Infrastructure Solution, in terms of IT Efficiency and User Productivity, will always justify the purchase.

Answer: C

Question: 12
An architect needs to design a solution for a customer that stores all data on third-party NAS storage, and that does not yet have a database solution. The new HPE-based solution must be optimized for data mining.
How can the current data stored on the NAS be used for data mining?

A. connecting the database to the NAS as main storage by using a TOE Host Bus Adapter

B. using the database application import functionality to migrate the data from the NAS to block-level storage for processing

C. attaching the database directly to the NAS storage by using a Fibre Channel Host Bus Adapter and by using the NAS for all DB tables

D. attaching the database directly to the NAS storage by using an iSCSI Host Bus Adapter and by using the NAS for all DB tables

Answer: B

Question: 13
An architect explains a software-defined data center (SDDC) concept and its benefits to a customer. The customer indicates an interest and so the architect needs to verify whether the customer is ready to move to the SDDC.
Which additional information should the architect obtain from the customer to verily this?

A. whether they already virtualize compute and storage resources

B. whether they have a disaster recovery plan implemented

C. whether they have standardized on a single vendor

D. whether they have a workplace mobility plan implemented

Answer: A

Question: 14
An architect is determining the amount of memory to propose for an HPE XL230a compute tray. The customer specifies several requirements, properties, and parameter of the application. Which factor will critically affect the memory amount requirement to prevent a potential memory bottleneck?

A. The application stores data on local drives.

B. The application requires CPUs with multiple cores to support multiple HPC jobs.

C. The application is single-threaded high performance computing (HPC).

D. Secure Encryption of locally stored data is required.

Answer: B

Question: 15
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

Question: 16
A customer needs to streamline monitoring to its HPE Apollo 6000 solution.
Which benefit can HPE Advanced Power Management (APM) provide to this customer?

A. It discovers and inventories XL servers installed in the HPE Apollo chassis.

B. It monitors the utilization of resources such as CPU and memory.

C. It enables HPE OneView to automatically discover and map the chassis and its servers.

D. It audits the firmware on XL servers installed in the HPE Apollo chassis.

Answer: A

Question: 17
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

Question: 18
An architect is designing a data center solution that contains an HPE BladeSystem for the virtual application, infrastructure, and VDI environment. It also contains an HPE Moonshot for the web servers.
In which parts of the HPE Transformation Area does this solution fit?

A. empower and protect

B. transform and empower

C. enable and empower

D. transform and protect

Answer: B

Question: 19
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: 20
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

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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

Question: 21
An architect is planning an HPE Moonshot System solution to support a data analytics application. The application uses data mining.
Which type of rack configuration should the architect recommend?

A. a configuration that balances the ratio of HPE Moonshot Systems to HPE Apollo 4200 servers, which store the data

B. a configuration that has a higher ratio of HPE Moonshot Systems to HPE Apollo 4200 servers, which store the data

C. a configuration that has a lower ratio of HPE Moonshot Systems to HPE Apollo 4200 servers, which store the data

D. a configuration in which the HPE Moonshot System hosts the analytics application and the data

Answer: A

Question: 22
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 Flexible LOM adapter for each cartridge.

B. Change the HPE Moonshot 45XGc Switch to an HPE Moonshot 180G switch.