HPE0-S22^{Q&As}

Architecting Advanced HPE Server Solutions

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QUESTION 1

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.

Correct Answer: C

QUESTION 2

An architect is planning an HPE Moonshot System to host a customer Hadoop MapReduce2 application. The architect originally proposed the following:

1.

 m710 cartridges

2.

 HPE 45XGc switches

3.

 HPE 4-QSFP+ Uplink Modules

The customer now needs each HPE Moonshot chassis to provide at least 1TB of memory and 40TB or local storage. Cartridge nodes needs two 10GbE ports each.

What does the architect need to replace in the solution to meet the customer\\'s new requirements?

A. m710 cartridges with m350 Cartridge, which provide more memory

B. m710 cartridges with m710p cartridges, which support higher capacity local drives

C. 45XGc switches with 180G switches, which provide the required two 10GbE ports to the cartridges

D. 4-QSFP+ Uplink Modules with 16-SFP+ Uplink Modules, which provide 10GbE ports to the cartridges

Correct Answer: D

QUESTION 3

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 4

An architect proposes an HPE Moonshot solution with three HPE Moonshot 1500 Chassis as follows: - one chassis with 30 m710 cartridges

-two chassis with 30 m800 cartridges each

The customer wants to change the solution to use two HPE Moonshot 1500 chassis as follows:

- one chassis with 30 m710 cartridges and 15 m800 cartridges - one chassis with 45 m800 cartridges

What should the architect explain to the customer?

A. Mixing different models of cartridges in the same chassis is not supported

B. A chassis can support both m710 and m800 cartridges, but the m710 cartridges will not be able to use their accelerators

C. Mixing different models of cartridges requires the customer to use an HPE Moonshot Provisioning Manager (MPM)

D. A chassis can support both m710 and m800 cartridges, but the m710 cartridge adapters will operate at 1Gbps rather than 10Gbps

Correct Answer: B

QUESTION 5

A proposed solution includes the HPE Moonshot-4QSFP+ Uplink Modules. The customer informs the architect that the planned purchase of 40GbE switches has been postponed. The customer still intends to purchase 40GbE switches within a year, but in the meantime, existing 10GbE switches will be used. These switches are HPE network switches

located 25 meters from the location of the racks that house the HPE Moonshot Solution. The customer needs 30Gb/s bandwidth.

Which action should the architect recommend to allow the customer to deploy the solution immediately and easily take advantage of 40GbE when deployed later?

A. Swap in HPE Moonshot-16SFP+ Uplink Modules

B. Replace the QSFP+ transceivers with SFP+ transceivers

C. Add QSP+/SFP+ adaptor kits to the design

D. Replace the DAC cables with DAC splitter cables

Correct Answer: C