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Vendor:HP

Exam Code:HPE0-S22

Exam Name:Architecting Advanced HPE Server
Solutions

Version:Demo

QUESTION 1

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

QUESTION 2

An architect has selected the FlexibleLOM option for HPE XL230a compute trays, which will host an HPC application.

When should the architect select a FlexibleLOM adapter that supports Fibre Channel over Ethernet (FCoE)?

- A. when the application uses parallel computing and relies on Fibre Channel to reduce latency for communications between compute nodes
- B. when the application requires high throughput between processors and disk drives local to the same compute tray
- C. when the application uses a Fibre Channel storage area network (SAN) for its shared storage solution
- D. when the application requires additional bandwidth and needs a solution for load sharing traffic over multiple links

Correct Answer: A

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

During a data center transformation discussion, an architect obtains the following customer information:

1.
core business depends heavily on advanced data modelling techniques that has been developed internally
2.
infrastructure in use takes anywhere from 10 hours to five days to complete complex data models for the various development teams that rely on them
3.
has a proud reputation as an "environmentally friendly" Fortune 500 company
4.
increasing productivity of its development team is the highest priority

Which large scale HPC solution should the architect recommend to help the customer achieve its transformation goals?

- A. HPE Apollo 8000
- B. HPE Integrity Superdome X
- C. HPE Apollo 2000
- D. HPE Apollo 6000

Correct Answer: C

QUESTION 5

What defines lease rate factor (LRF)?

- A. the sum of all costs incurred
- B. the periodic rental payment, expressed as a percentage of equipment cost
- C. the cost of the direct capital expenditure, divided by the expected lifespan of the equipment
- D. the expected time to recover the initial investment

Correct Answer: B

QUESTION 6

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

Correct Answer: C

QUESTION 7

A customer needs a mission critical SQL database. The customer has an HPE StoreServ and plans to use this as storage. The solution must meet the following requirements:

-240 logical cores (Hyper-Threading enabled)

-support for 6TB Memory

-16GB FC

-35TB RAID 1 storage

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the ability for hardware partitioning to build different physical partitions and scale as the need for CPU and memory resources grows Which solution should the architect recommend?

A.

HPE Apollo 4200 with HPE ProLiant XL170r nodes

B.

HPE Superdome X with BL920s blades

C.

HPE ProLiant 980 Server

D.

HPE SL6500 with SL230s nodes

Correct Answer: B

QUESTION 8

What is one advantage of hard partitioning, or nPartitioning, for HPE Integrity Superdome X as compared to virtual partitioning?

- A. It permits the flexibility to assign different processor cores on the same processors to different partitions
- B. It allows a single blade to support more guest operating systems
- C. It provides greater reliability because partitions are electronically isolated
- D. It enables HPE Helion CloudSystem to deploy VMs to the Integrity Superdome X System

Correct Answer: C

QUESTION 9

A customer needs to integrate an existing incident management application with HPE OneView. The customer needs to be notified when the physical resource status changes or when a new server is added to the infrastructure. Which HPE OneView feature should the architect recommend to the customer?

- A. HPE Cloud Optimizer for HPE OneView
- B. additional licensed integration plugins for HPE OneView that will allow required integration
- C. WBEM Subscription option that will allow data retrieval from HPE OneView
- D. RESTful API and State Change Message Bus concept

Correct Answer: D

QUESTION 10

A customer has a Hadoop big data and analytics solution. The customer needs a server upgrade to improve performance for this solution and plans to add more solutions that draw on the data, such as a Cassandra NoSQL database. The customer is interested in a flexible HPE Big Data Reference Architecture approach.

Which solution meets the customer's needs?

- A. HPE Moonshot 1500 Systems with m700 cartridges for co-located compute and storage nodes
- B. HPE Apollo 4530 Systems for co-located compute and storage nodes
- C. HPE Apollo 8000 Systems for the compute nodes and HPE Superdome X Systems for the storage nodes
- D. HPE Moonshot 1500 Systems with m710 cartridges for the compute nodes and HPE Apollo 4200 Systems for the storage nodes

Correct Answer: D

QUESTION 11

A customer is planning to migrate from a Virtual Connect Enterprise Manager (VCEM) environment to HPE OneView. Which topic should the architect discuss with the customer before the migration is implemented?

- A. that HPE OneView Advanced licenses should be added to the appliance prior to the migration
- B. that direct migration from the VCEM is not possible and the customer should plan to remove VC Domain from VCEM first
- C. that migration to the HPE OneView will replace existing WWNs and MAC addresses with new ones, assigned by HPE OneView
- D. that additional one-time-use licenses are required for migration

Correct Answer: B

QUESTION 12

A customer needs to use LACP to aggregate server network connections. The customer also needs to bond all FlexLOM connections in a single network across multiple switches.

Which networking feature should the architect recommend to meet the customer's needs?

- A. Intelligent Resilient Framework
- B. Transparent Interconnection of Lots of Links
- C. Network Virtualization using Generic Routing Encapsulation
- D. Shared Uplink Sets

Correct Answer: A