



HPE0-V27 Practice Questions

Shared by Bailey on 17-08-2026

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Question 1

Question Type: MultipleChoice

A proposed HPE Alletra Storage MP B10000 addresses your customer's needs for primary storage for their virtualized workloads. The customer is now requesting a revision that includes a backup environment. Their requirements for a backup environment include protection against ransomware and the ability to quickly spin up test and development environments that are seconds behind their production environment. Which solution addresses these new requirements?

Options:

- A- Zerto
- B- Commvault
- C- SimpliVity
- D- Veeam

Answer:

A

Explanation:

HPE Zerto is the specific solution designed to meet recovery point objectives (RPO) of seconds and recovery time objectives (RTO) of minutes. Its Continuous Data Protection (CDP) technology uses a journaling mechanism that captures every write as it happens, allowing the customer to 'rewind' to a point in time just seconds before a ransomware attack occurred. This capability directly addresses the requirement for a backup environment that is 'seconds behind' production. Furthermore, Zerto enables the customer to non-disruptively spin up clones of their production environment for test and development. Because these replicas are based on the continuous stream of data, the dev/test environment is a near-identical copy of production, ensuring high-fidelity testing. While Veeam and Commvault are robust data protection platforms, they typically rely on snapshot schedules that result in RPOs of minutes or hours, rather than the 'seconds' required here. Reference: HPE GreenLake for Disaster Recovery; Zerto Continuous Data Protection Overview.

Question 2

Question Type: MultipleChoice

You are recommending HPE GreenLake Data Services Cloud Console to your customer.

What resource can you use to provide a live walk through of the solution?

Options:

- A- HPE Demonstration Portal
- B- HPE Assessment Foundry
- C- HPE Proposal Web
- D- HPE InfoSight

Answer:

A

Explanation:

The HPE Demonstration Portal is a web-based platform that provides access to live and simulated demonstrations of HPE solutions, products, and services¹.

The HPE Demonstration Portal allows you to search, schedule, and launch demonstrations of various HPE offerings, including HPE GreenLake Data Services Cloud Console¹.

The HPE Demonstration Portal also provides resources such as scripts, videos, and guides to help you prepare and deliver effective demonstrations to your customers¹.

The HPE GreenLake Data Services Cloud Console is a cloud-based platform that enables you to manage and operate your storage infrastructure and data services from edge to cloud².

The HPE GreenLake Data Services Cloud Console provides a unified and simplified user experience, cloud operational agility, and data management across clouds².

The HPE GreenLake Data Services Cloud Console supports HPE Alletra, HPE Primera, HPE Nimble Storage, and HPE Cloud Volumes².

The references are:

1:HPE Demonstration Portal2:HPE GreenLake Data Services Cloud Console

Question 3

Question Type: MultipleChoice

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Question 4

Question Type: MultipleChoice

You need to collect key performance indicators from an aging Pure Storage array that your customer would like to replace with HPE Alletra Storage MP B10000. However, the customer will not allow you to install a collector in their environment for an extended period of time. Which key information should you share to help address their concern?

Options:

- A- SAF Collector only requires a small subset of tasks to run for an extended period of time
- B- SAF Collector can run in fast mode, but data collected will not be as granular
- C- SAF Collector completes data collection in a single visit
- D- SAF Collector completes data collection in as few as 14 days

Answer:

B

Explanation:

The Storage Assessment Foundry (SAF) Collector is the primary tool for gathering performance data from third-party arrays during a storage refresh project. When a customer has strict security or operational policies that limit the duration a foreign tool can reside in their environment, the architect can utilize the 'fast mode' or a shortened collection interval. While a standard collection typically lasts 7 to 14 days to capture a full business cycle (including weekend backups or end-of-month processing), fast mode allows for a quicker snapshot of the environment's performance. The trade-off that must be clearly communicated to the customer is that the data will not be as granular or representative of long-term peaks as a standard collection. This transparency allows the customer to balance their security concerns against the accuracy of the final Alletra MP sizing proposal. Reference: HPE Storage Assessment Foundry (SAF) User Guide; HPE Discovery and Assessment Best Practices.

Question 5

Question Type: MultipleChoice

What does a Reference Architecture (RA) provide that a Reference Configuration (RC) does not?

Options:

- A- Performance configuration adjustments
- B- Hardware bill of materials guidance
- C- Overview of the business problem being solved
- D- Best practices guidelines

Answer:

C

Explanation:

HPE provides technical documentation in the form of Reference Configurations (RC) and Reference Architectures (RA) to assist in solution design. While both provide technical guidance and best practices, a Reference Architecture is more comprehensive. A key differentiator is that an RA includes a detailed overview of the specific business problem being solved, providing the context and rationale behind the architectural choices. It maps the technical solution to specific business objectives, such as improving time-to-market or reducing operational risk. In contrast, a Reference Configuration is typically a more streamlined document focused primarily on the technical implementation, hardware components, and performance validation for a specific workload without the extensive business-level analysis found in an RA. By including the business problem overview, the Reference Architecture serves as a bridge between IT capabilities and executive-level requirements, making it an essential tool for architects presenting to both technical and business stakeholders. Reference: HPE Information Library: Reference Architectures vs. Reference Configurations; HPE Edge-to-Cloud Solutions Training.

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Question 6

Question Type: MultipleChoice

A customer wants to implement a solution that doesn't limit any future operational expenditures.

Which type of solution should you Select and why?

Options:

- A- A hybrid solution because moving workloads into the cloud always reduce total cost.
- B- A hybrid solution as the expenditure model is simple.
- C- A Cloud solution with a pay-per-use model with on-demand scaling of resources.
- D- A traditional solution works best because it takes no capital expenditure to deploy.

Answer:

C

Explanation:

A cloud solution with a pay-per-use model allows the customer to pay only for the resources they consume, such as compute, storage, network, or software services¹.

A cloud solution with a pay-per-use model also enables the customer to scale up or down their resources on-demand, depending on their workload and performance needs¹.

A cloud solution with a pay-per-use model can help the customer reduce their operational expenditures (OPEX) by eliminating the need for upfront capital investments, maintenance costs, and overprovisioning of resources¹.

A hybrid solution, which combines cloud and on-premises resources, may not always reduce the total cost of ownership, as it depends on the workload characteristics, the cloud pricing model, and the integration and management complexity².

A hybrid solution may also have a more complicated expenditure model, as it involves both OPEX and CAPEX, and requires careful planning and optimization of the resource allocation and utilization².

A traditional solution, which relies on on-premises hardware and software, requires a high capital expenditure (CAPEX) to deploy, as well as ongoing maintenance, upgrade, and support costs³.

A traditional solution also limits the customer's flexibility and agility, as they have to deal with fixed and finite resources, and longer provisioning and deployment cycles³.

The references are:

1:Cloud Computing Pricing Models2:Hybrid Cloud Cost Optimization3:Cloud vs On-Premise Software Comparison

Question 7

Question Type: MultipleChoice

Your customer wants to implement a software defined storage solution. They require the lowest latency possible in the back-end. Which technology should you recommend to address the customer's concern?

Options:

- A- HPE Aruba CX Ethernet switch family
- B- HPE M-series Ethernet switch family
- C- HPE B-series FC switch family
- D- HPE C-series FC switch family

Answer:

B

Explanation:

For software-defined storage (SDS) environments where back-end latency is the primary concern, the HPE M-series Ethernet switch family is the optimal recommendation. These switches are specifically designed for high-performance storage networking, offering 'zero-packet-loss' technology and ultra-low latency that is significantly lower than standard campus or data center Ethernet switches. The M-series (powered by Mellanox technology) is ideal for RDMA over Converged Ethernet (RoCE) workloads, which is the protocol of choice for modern SDS back-ends to minimize CPU overhead and maximize data throughput. While the Aruba CX family is excellent for general-purpose data center fabrics and campus networking, the M-series provides the specialized performance characteristics---such as predictable, sub-microsecond latency---required for mission-critical storage traffic in a software-defined architecture.

Reference: HPE M-series Ethernet Switch Family for Storage Networking; HPE Edge-to-Cloud Solutions Course H61Z2S.

Question 8

Question Type: MultipleChoice

A customer has installed a new Fibre Channel SAN using a pair of 32Gbps B-Series switches. They have asked you to integrate their existing Synergy frame into this SAN. The Synergy frame has a pair of Virtual Connect SE 100Gb F32 Modules configured for Ethernet only. There are enough unpopulated OSFP28 ports for you to be able to provide the 32 Gbps FC transceivers needed to facilitate the uplinks. What else needs to be included to facilitate the requirement?

Options:

- A- Fibre Channel upgrade licenses
- B- B-Series SANnav Management Software
- C- Aruba Fabric Composer
- D- HPE Compute Ops Management - Oneview Edition

Answer:

A

Explanation:

The HPE Synergy Virtual Connect SE 100Gb F32 Module is a versatile interconnect that supports both Ethernet and Fibre Channel (FC) traffic. However, while the hardware ports are physically capable of supporting FC transceivers and traffic, the Fibre Channel functionality must be logically enabled via software licensing. If a Synergy frame was originally deployed in

an 'Ethernet only' configuration, it will not have the necessary licenses to process storage traffic. Therefore, to integrate the frame into a new B-Series FC SAN, the architect must include the appropriate Fibre Channel upgrade licenses for the Virtual Connect modules. These licenses activate the N_Port ID Virtualization (NPIV) features required to present the Synergy compute modules to the FC fabric. Without these licenses, the FC transceivers will not be initialized by the module even if they are physically installed. Reference: HPE Virtual Connect SE 100Gb F32 Module QuickSpecs; HPE Synergy 12000 Frame Setup and Installation Guide.



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