Vendor: HP

Exam Code: HPE7-J02

Exam Name: Advanced HPE Storage Integrator Solutions Written Exam

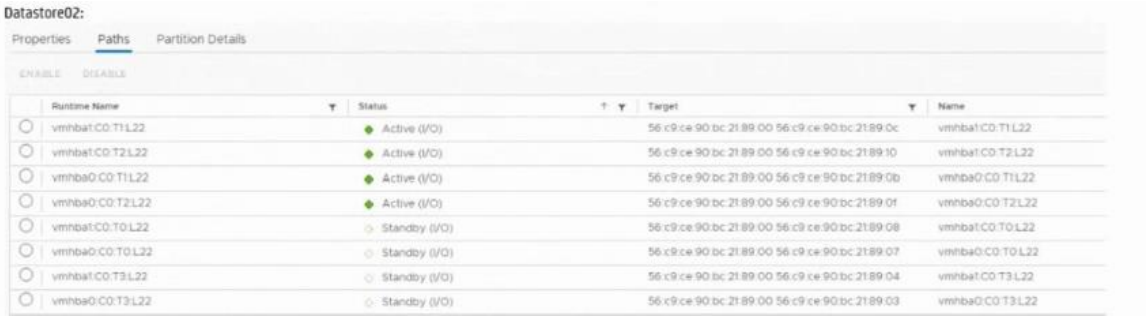
Version: DEMO

QUESTION 1
Your customer is deploying HPE Morpheus Enterprise Software as a single orchestration platform for compute and storage resources. To achieve a high-availability deployment in a single site, how many VMs must be deployed if distributed databases are not required?

A. 4 VMs with distributed database setup
B. 1 VM
C. 3 VMs
D. 1 VM with VMware HA and DRS active

Answer: C
Explanation:
HPE Morpheus can run as a single VM in non-critical environments, but for high availability (HA) without distributed databases, the recommendation is to deploy 3 VMs in a cluster. This ensures quorum and redundancy across application nodes, protecting against single VM failure. Distributed database mode requires more VMs, but is not needed in this scenario.

QUESTION 2
Refer to the exhibit. You are analyzing a customer environment with two Alletra 6000 arrays in a VMware stretched cluster. Application latency differs slightly depending on whether the VM is on Datastore01 or Datastore02.

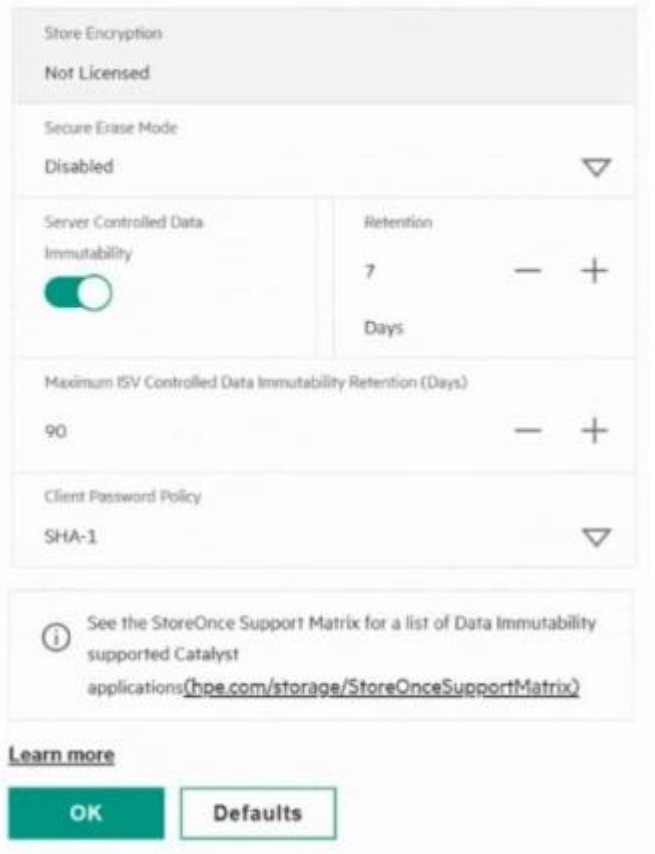


Question : Based on this scenario, what would you recommend to equalize latency for the workload?

A. Relocate the workload on Datastore01 to a volume collection shared with Datastore02.
B. Relocate the workload on Datastore02 to a volume collection shared with Datastore01.
C. Issue handover to the volume collection hosting Datastore01.
D. Issue pinning option for Datastore02 for lower latency.

Answer: B

QUESTION 3
Exhibit shows HPE StoreOnce Catalyst Store Security Settings:



Server Controlled Data Immutability enabled (7 days). Maximum ISV Controlled Data Immutability Retention (90 days).
Which statement is correct?

A. Maximum ISV Controlled Data Immutability Retention allows the ISV backup application to manage item-level immutability.
B. Server-Controlled Data Immutability is required to achieve the highest immutability with Veeam v12 backups.
C. Server-Controlled and ISV-Controlled Data Immutability values do not need to match when both are configured.
D. The Maximum ISV Controlled Data Immutability Retention parameter must be set to 0 for optimal Veeam v12 support.

Answer: A

QUESTION 4
An HPE Alletra 6030 with 138TB flash kit needs a storage expansion. The BOM lists only a 46TB Expansion Shelf, including price.
What should you take into account?

A. The expansion shelf needs to include the 24G SAS cables.
B. Total supported capacity will be exceeded with the proposed configuration.
C. Both Controllers need 100Gb OCP adapters for the expansion shelf connection.
D. QSFP+ DAC cables are required if NVMe media is used.

Answer: A
Explanation:
Alletra 6000 expansion shelves connect via 24G SAS back-end connectivity. The BOM must include the required SAS cables to properly attach the shelf. If only the shelf is listed, it's incomplete -- SAS connectivity accessories must be added.

QUESTION 5
Refer to the exhibit. The array is experiencing frequent cache misses for read operations. Which action plan would you suggest to correct the issue?

A. Upgrade the setup with additional expansion shelf.
B. Upgrade the controllers to Alletra 5050 models.
C. Increase the pinned cache size.
D. Increase the flash to disk ratio.

Answer: D
Explanation:
Frequent cache misses occur when the working dataset does not fit effectively in cache. Increasing the flash-to-disk ratio ensures a higher portion of hot data is served from flash media rather than backend disk, reducing cache miss penalties. This is the standard HPE recommendation for read- intensive workloads where cache is insufficient.

QUESTION 6
Which statement is correct when deploying an HPE Zerto DR solution where an Extended Journal Copy is required with a one-year retention period?

A. An additional license is required to enable the Extended Journal Copy feature.
B. HPE Zerto integrates with HPE StoreOnce to enable long-term retention for Extended Journal Copies.

C. Extended Journal Copies always come from the target site to avoid impact on the production site.
D. HPE Zerto supports a maximum of 30-day retention and cannot exceed this period.

Answer: B
Explanation:
Zerto Extended Journal allows retention up to one year by integrating with secondary storage like HPE StoreOnce. Short-term journals (seconds to days) reside on primary replication storage, while long-term copies (weeks/months/years) are offloaded to StoreOnce for cost-efficient retention.

QUESTION 7
A customer is replacing their HPE 3PAR 8200 Peer Persistence setup with Alletra 6000. In a recent audit, they were warned that the Quorum Witness VM was missing security updates.
How would you respond regarding the new setup?

A. Quorum witness is installed as a service on a supported Linux server, which can be updated as needed.
B. Quorum witness is deployed as a SaaS option, and security updates are applied automatically.
C. Quorum witness appliance security patch updates follow the array release train updates.
D. Quorum witness appliance can be set to automatically download and apply available updates.

Answer: B
Explanation:
With Alletra and Primera Peer Persistence, the Quorum Witness is no longer a self-hosted VM. It is delivered as a cloud-based SaaS service managed by HPE. This eliminates customer responsibility for patching and ensures HPE automatically applies updates and security fixes. This resolves the audit concern.

QUESTION 8
Your customer is beginning to convert their applications to cloud-native apps on Kubernetes. They are considering HPE GreenLake for Containers.
Which statement about this platform is true?

A. Supports legacy virtualization technologies with manual configuration for containers.
B. Provides tools for orchestration of containers without microservices support.
C. Provides open-source Kubernetes with simplified management.
D. Supports only cloud-native applications.

Answer: C
Explanation:
HPE GreenLake for Containers delivers an enterprise-grade Kubernetes platform, leveraging open- source Kubernetes but with simplified lifecycle management, monitoring, and integration with HPE infrastructure. It provides full support for containerized workloads, whether cloud-native or modernized traditional applications.

QUESTION 9
Which statement is correct when enabling port trunking (FC ISL / Ethernet link aggregation)?

A. For optimal performance, no more than 100 meters of cable length difference is acceptable.
B. Ports need to belong to the same port group of the switch.
C. The port speed of the trunk ports can be different based on the used switches in the ISL group.

D. Port Trunking is supported by default on every B-Series FC switch.

Answer: B
Explanation:
In B-Series (Brocade) SAN switches, trunking requires that all ports in a trunk group belong to the same port group (same ASIC) and run at the same speed. This ensures frame ordering and load balancing across ISLs.

QUESTION 10
A pool of Microsoft SQL servers started to use the Alletra 6000 family array six months ago. The data growth has been higher than expected, and the performance of the databases is facing some latency issues.
Which method would allow both capacity and performance to grow when expanding the array, while keeping the management simple?

A. By adding more arrays and capacity to a single scale-out group.
B. By including more NIC cards to load balance host traffic.
C. By selecting more flash to cache ratio on the expansion shelves.
D. By initially selecting the timeless storage option for the array.

Answer: A
Explanation:
HPE Alletra 6000 is a scale-out architecture array. Adding more arrays to a single scale-out group increases both performance (IOPS, throughput) and capacity, while maintaining single-pane management via HPE Data Services Cloud Console. This is the most efficient way to address both capacity growth and latency reduction for SQL workloads.

QUESTION 11
Your customer is a software development company using Kubernetes, Canonical, and Tanzu. They are expanding their Dev/Ops container environment and are considering HPE Private Cloud Business Edition (PCBE).
What is a unique benefit that HPE PCBE would bring to this customer's environment?

A. Full stack intelligence
B. Multi-tenant VASA
C. Infinite scale to the customer at no additional cost
D. Container level protection

Answer: A
Explanation:
HPE PCBE provides full-stack intelligence across compute, storage, and virtualization layers. It integrates with Kubernetes distributions like Tanzu and Canonical, giving visibility and lifecycle automation across the entire stack. This helps Dev/Ops teams simplify operations, capacity planning, and performance optimization in hybrid environments.

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