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Question: 1

Your customer is planning a Scality RING solution. Approximately 750 TB of data must be stored on the SDS. The customer prefers SSD or NVMe drives.
What is true regarding this solution?

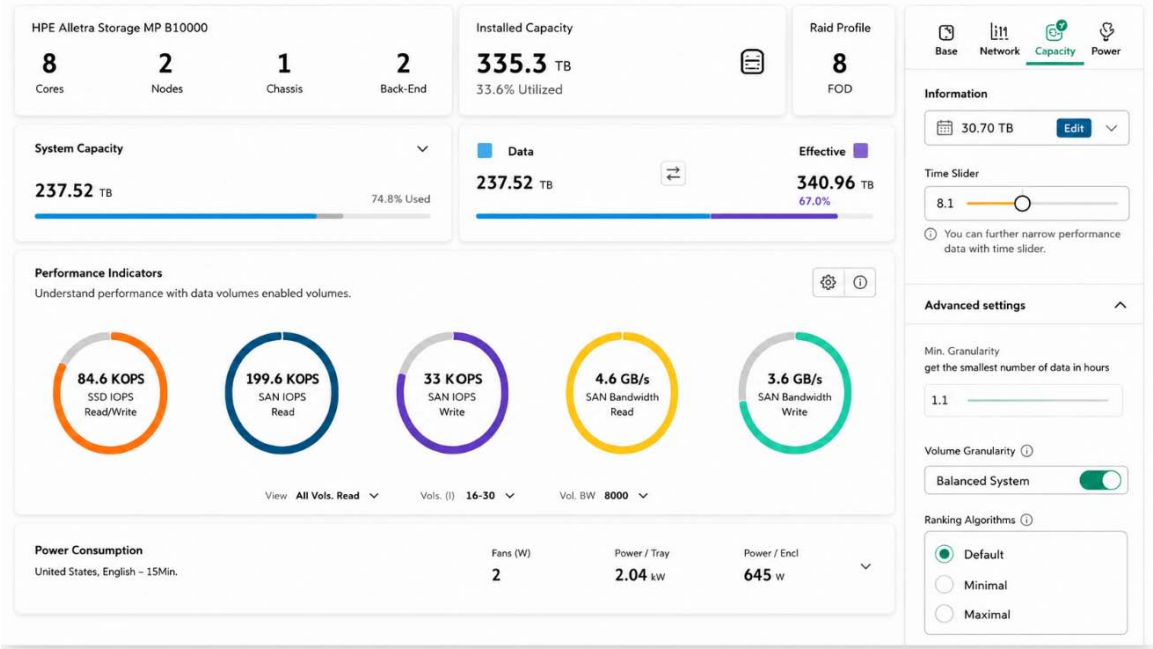
A. HPE servers, for example, such as Alletra Storage Server 4120, can be used for Scality RING deployments.
B. The minimum capacity for ordering Scality RING perpetual licenses is 1000TB.
C. Scality RING Single Site Hardware Lifetime licenses are provided at a lower cost compared to perpetual licenses.
D. Scality licenses cannot be purchased from HPE.

Answer: A

Explanation:
The correct answer is A because Scality RING is positioned by HPE as a scale-out object and file storage solution built on qualified HPE server platforms, including HPE Alletra Storage Server models. For a customer planning approximately 750 TB of usable software-defined storage, the design focus is the validated HPE server configuration, drive type, usable-capacity target, and Scality license sizing. HPE documentation describes the Scality RING solution as consisting of HPE server systems, Scality license and maintenance, and installation services, with licensing based on unique usable data capacity. The minimum RING configuration is not 1000 TB; HPE references a lower starting usable-capacity threshold, so option B is incorrect. Option D is also incorrect because Scality solutions and licenses are explicitly available through HPE solution packaging. Option C is not the best design statement for this customer use case because the key technical validation is platform support and capacity alignment, not a generic claim about lower-cost licensing. This maps directly to the course topic covering scale-out unstructured data platforms, including Scality, Qumulo, Cohesity, and related HPE storage-server designs.

Question: 2

Your customer has a requirement to support 500K IOP/s write speeds in their environment.



What change should you make to the configuration to achieve this?

A. Replace the nodes with B91160 model and add additional drive shelf and more drives.
B. Replace the nodes with B91130 model and add additional drive shelf.
C. Increase the amount of drives supported to achieve the requirement.
D. Replace the nodes with B10230 model and add additional drive shelf and more drives.

Answer: D

Explanation:
The correct answer is D because the requirement is not simply additional raw capacity; it is a write-performance target of 500K IOP/s. For HPE Alletra Storage MP B10000 designs, controller-node model selection, node count, shelf count, drive population, and media layout collectively determine whether the configuration can satisfy the performance envelope. Merely increasing the number of drives, as suggested in option C, does not guarantee that the front-end controller resources, CPU, cache, and back-end connectivity can sustain the required write workload. Options A and B use lower or inappropriate node selections for this stated requirement. The B10230 model, combined with additional shelf and drive resources, is the configuration change that aligns the controller and media resources with the required write I/O target. HPE's course outline places HPE Alletra Storage MP B10000 in both general enterprise solution design and database workload solution design, which is exactly the kind of workload-sensitive sizing exercise represented here. The proposal must be validated against the customer's required I/O profile, not only against usable capacity.

Question: 3

Which statement about designing HPE SimpliVity solutions for high availability is true?

A. If a stretched cluster is configured, an arbiter should be deployed in both sites.
B. Standard HA clusters require a vSphere Foundation subscription at minimum.
C. At least four availability zones should be configured between sites.
D. If a stretched cluster is configured, an arbiter should be deployed at a third site.

Answer: D

Explanation:
The correct answer is D because an HPE SimpliVity stretched cluster requires an external arbitration mechanism to preserve data consistency and avoid split-brain behavior when communication between sites is disrupted. The arbiter should be placed at a third site, separate from the two availability zones or data-center locations that host the stretched cluster nodes. Deploying arbiters in both production sites would not provide the same neutral quorum behavior, so option A is incorrect. Option C is also incorrect because a stretched SimpliVity deployment is typically built across two availability zones or two sites, with a third-site arbiter or witness component, not four availability zones. Option B is not the governing HA design rule; the design requirement is determined by the SimpliVity architecture, cluster type, and VMware supportability, not a blanket statement that standard HA requires vSphere Foundation at minimum. The Advanced HPE Edge-to-Cloud Solutions course covers SimpliVity and business continuity/disaster recovery patterns, and this question tests the candidate's ability to select the correct HA architecture component for a stretched-cluster design.

Question: 4

Your customer plans to replace a legacy HPE BladeSystem solution with the HPE Synergy platform.
The customer requirements include:
30 compute nodes to support their virtualization workloads
Redundancy within the management subsystem
An in-frame storage solution to support vSAN
A guidance/automation technology with HPE Aruba to virtualize WWNs
Simplified management with a single logical enclosure
You are reviewing the following proposal:
3 x HPE Synergy 12000 frames
2 x HPE Virtual Connect SE 100Gb F32 Modules for Synergy
4 x HPE Synergy 50Gb Interconnect Link Modules
3 x HPE D3940 Storage Modules with maximum number of drives
6 x HPE Composer2 + 30 x HPE OneView Advanced licenses
30 x SY 480 Gen11 compute modules, each with 2 CPUs and appropriate mezzanine cards
Which statement about the proposal is true to help meet the customer requirements?

A. Additional HPE OneView Advanced licenses should be added for the HPE Virtual Connect modules and HPE D3940 Storage Modules.

B. HPE 32Gb Fibre Channel switches should be added to the proposal to enable WWN virtualization and profile mobility.
C. Each frame should be equipped with two HPE 12Gb SAS switches to provide connectivity between compute nodes and D3940 Storage Module.
D. 3 x HPE Composer 2 modules can be removed from the proposal, as you need one HPE Composer2 module per HPE Synergy frame for enhanced availability.

Answer: C

Explanation:
The correct answer is C because HPE Synergy D3940 is an in-frame direct-attached storage module, and compute modules access it through HPE Synergy 12Gb SAS Connection Modules. For a redundant in-frame storage design, each Synergy frame that contains a D3940 storage module should include two SAS connection modules to provide redundant paths between the compute modules and the storage module. This is especially important for virtualization and software-defined storage designs such as vSAN, where storage path availability is a core design requirement. Option A is incorrect because HPE OneView Advanced licensing is associated with managed server infrastructure licensing, not separate additional licenses for every Virtual Connect or D3940 module. Option B is not required for this in-frame DAS design; Fibre Channel switches are used for SAN connectivity, not for D3940 SAS connectivity. Option D misstates Composer design: Composer redundancy is planned at the management-appliance level, not as a simple one-per-frame removal rule. This aligns with the course's Synergy, composable infrastructure, virtualization, and storage-networking design objectives.

Question: 5

You presented a solution to your customer that will replace their legacy HPE BladeSystem. The new solution is based on the HPE Synergy platform and consists of the following components:
5 HPE Synergy 12000 frames
2 HPE Virtual Connect SE 100Gb F32 Module for Synergy
8 HPE Synergy 50Gb Interconnect Link Module
60 HPE Synergy 480 Gen11
Which statement describes the business and financial benefits for this new solution on the customer?

A. HPE Synergy supports master/satellite approach that requires less HPE Virtual Connect modules, and so will be more economical.
B. Compared to the legacy HPE BladeSystem, the HPE Synergy platform supports more interconnect modules which provides better scalability and expansion possibilities.
C. Compared to the legacy HPE BladeSystem, the HPE Synergy platform supports more expansion slots in the form of mezzanine cards.
D. HPE Synergy needs more HPE Virtual Connect modules because of the increased bandwidth for Gen11 compute nodes.

Answer: A

Explanation:
The correct answer is A because HPE Synergy can use a master/satellite interconnect design in which a smaller number of Virtual Connect modules provide the primary network intelligence, while satellite interconnect link modules extend connectivity across additional frames. This reduces the number of full Virtual Connect modules required in a multi-frame configuration, lowering hardware cost while still supporting scalable connectivity for the compute estate. In this proposal, the presence of two Virtual Connect SE 100Gb F32 modules and multiple 50Gb interconnect link modules reflects that design model. Option B describes scalability in general terms, but it does not directly identify the business and financial benefit. Option C is not the primary value proposition and does not explain the economics of the proposed topology. Option D is the opposite of the intended Synergy value: the architecture is designed to reduce, not increase, the number of expensive fabric modules in larger configurations. The course expects candidates to connect technical architecture choices to business outcomes, especially when presenting the financial impact of replacing legacy BladeSystem infrastructure with composable HPE Synergy infrastructure.

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