DES-1D12$^{Q\&As}$

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QUESTION 1

A customer wants to asynchronously replicate file data from a production Dell Unity 550F to a remote office in the same city with a UnityVSA When attempting to replicate one of the file systems the replication option is not available.

What should a technical architect advise the customer?

A. Asynchronous replication is not supported to a UnityVSA

B. The NAS server for the file system must be replicated

C. Asynchronous replication requires a greater replication distance

D. Only synchronous replication is supported on file systems

Correct Answer: C

Asynchronous replication can be used to replicate data over larger distances than synchronous replication. However, it cannot be used to replicate data between two UnityVSA systems within the same city. To replicate file data from a production Dell Unity 550F to a remote office in the same city with a UnityVSA, the technical architect should advise the customer to use synchronous replication.

QUESTION 2

A customer configures their Live Volume setup for synchronous replication with the High Availability option. They are designing a DR resiliency plan to ensure data integrity in the event of data corruption. Which Dell EMC SC Series technology should you use?

A. Live Volume with Non-Uniform Presentation

B. Live Volume with Uniform Presentation

C. Synchronous Replication with High Consistency

D. Live Volume with Managed Replication

Correct Answer: D

Reference: https://downloads.dell.com/manuals/common/dell-emc-sc-series-sync-replication-live-volume.pdf (7)

QUESTION 3

What is the Dell EMC best practice for sizing and designing a Dell EMC SC Series solution?

A. Front-end ports required for performance should always meet capacity needs

B. Drive capacity should meet performance needs

C. Size for performance first and capacity second

D. Size for capacity; Data Progression should always meet performance needs

Correct Answer: C

QUESTION 4

A customer must restrict the share content visibility of a Dell Unity file system based on the access rights. What attribute at the share level must be used?

A. Continuous availability

B. Access-based enumeration

C. Protocol encryption

D. Offline availability

Correct Answer: B

https://www.dell.com/support/manuals/en-us/unity-600f/unity_p_multiprotocol_infomod/security-on-file-system-objects?guid=guid-0d5c65ec-07a1-46f1-8936-a02f4c86b126andlang=en-us

Access-based enumeration is the attribute that must be used at the share level to restrict the share content visibility of a Dell Unity file system based on the access rights. Access-based Enumeration (ABE) is a feature that allows you to hide files and folders from users who do not have the necessary permissions to access them. When ABE is enabled, users only see the files and folders that they have permission to access. This helps to prevent users from accidentally accessing data that they should not have access to, and it helps to maintain the security and integrity of the data on the file system.

QUESTION 5

What is a consideration when sizing a Dell EMC SC Series system for capacity?

A. Read/Write ratio

B. IOPS

C. Page size

D. RAID overhead

Correct Answer: B

(Input/Output Operations Per Second) is a key consideration when sizing a Dell EMC SC Series system for capacity. IOPS is a measure of the performance of a storage system, and a higher number of IOPS generally indicates better performance. Other factors to consider would be the number of disk drives, RAID configuration, and storage capacity required for the specific use case.

QUESTION 6

What is the maximum number of snapshot rules that can be associated with a Dell PowerStore protection policy?

A. 8

B. 2

C. 4

D. 1

Correct Answer: C

https://www.dell.com/support/manuals/en-us/powerstore-5000/pwrstr-protect-data/protection-policies?guid=guid-c8ba3b
a4-6374-4285-9727-900343f64ee2andlang=en-us#:~:text=Each%20protection%20policy%20can%20only,up%20to%
20four%20snapshot %20rules.

QUESTION 7

A Dell EMC PowerStore customer wants to schedule snapshots daily at 6 AM. Which snapshot frequency interval (in minutes) is available?

A. 5

B. 10

C. 20

D. 45

Correct Answer: A

Reference: https://www.delltechnologies.com/en-us/collaterals/unauth/white-papers/products/storage/h18156-dell-emc-powerstore-snapshots-thin-clones.pdf (27)

QUESTION 8

Which feature helps to enable file service High Availability on Dell EMC PowerStore?

A. NAS Network Heartbeat

B. RAID protected disk drives

C. Multiple redundant network ports with system bond

D. Redundant nodes with Live Volume enabled

Correct Answer: C

Reference: https://www.delltechnologies.com/resources/en-us/asset/white-papers/products/storage/h18157-dell-emc-powerstore-clustering-high-availability.pdf

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QUESTION 9

Which Dell EMC Unity storage array models support NVMe?

A. 380, 880, and 880F

B. 680F, 880, and 880F only

C. 680, 680F, 880, and 880F

D. 380, 380F, and 480F

Correct Answer: C

https://delltechnologies.techdata.nl/app/uploads/2019/02/dell-emc-unity-xt-selling-guide.pdf

QUESTION 10

From which storage platforms does a migration import data to a Dell PowerStore cluster?

A. Dell EqualLogic PS series Unity, Dell Compellent SC Series, and PowerVault ME

B. PowerMax. Dell EqualLogic PS senes Dell Compellent SC Series and Unity

C. VNXe Unity Dell Compellent SC Series and Dell EqualLogic PS series

D. Unity VNX2 Dell EqualLogic PS series and Dell Compellent SC Series

Correct Answer: D

A migration import allows data to be transferred from an existing storage platform to a Dell PowerStore cluster. The platforms that support migration import to a Dell PowerStore cluster include Unity, VNX2, Dell EqualLogic PS series and Dell Compellent SC Series. These platforms are EMC storage systems, which are now owned by Dell Technologies.

QUESTION 11

What is the minimum RPO that can be configured on a Dell Unity XT block-asynchronous replication session?

A. 5 minutes

B. 60 minutes

C. 1 minute

D. 20 minutes

Correct Answer: A

The minimum RPO (Recovery Point Objective) that can be configured on a Dell Unity XT block-asynchronous replication session is 5 minutes. RPO is a measure of how much data can be lost in the event of a disaster, and it\\'s typically measured in minutes. The lower the RPO, the less data can be lost. Block-asynchronous replication is a replication method that copies data blocks, rather than files, between the source and the target. The data is copied at regular intervals, and if a disaster occurs at any point in time, the data on the target will be no more than 5 minutes old. The shorter the RPO, the more frequently data is copied and the less data is at risk of being lost in case of a disaster. It\\'s important to note that this is the minimum RPO for block-asynchronous replication, it can be set to a higher value if needed.

QUESTION 12

You plan to schedule a Live Optics sampling with your customer to size a Dell EMC SC Series array. However, the customer wants to postpone the run until the end of the quarter because there could be more activity on the current storage system.

What course of action is recommended?

A. Wait until the end of the quarter and collect a week-long sampling

B. Take a single-day sampling on any given day because that is sufficient in most instances

C. Wait until the end of the quarter and collect a single-day sampling

D. Take a week-long sampling on any given week because that is sufficient in most instances

Correct Answer: B

QUESTION 13

In Dell EMC PowerStore storage, if the remote cluster has multiple appliances, then what automatically chooses the destination appliance for the resource?

A. Performance Policy

B. Resource Balancer

C. Master appliance

D. Source array

Correct Answer: B

From the POWERSTORE ADMINISTRATION PARTICIPANT GUIDE, " Resource balancer also considers the the following when placing volumes:

1.

Whether the appliance is offline

2.

Appliance failure status

3.

Capacity utilization

QUESTION 14

![Pass2Lead](https://Pass2Lead.com)
Which block resources are supported with Dell EMC Unity asynchronous replication?

A. Consistency Groups and file systems

B. VMFS and NFS datastores

C. LUNs and file systems

D. LUNs and VMFS datastores

Correct Answer: D

Reference:https://cdn2.hubspot.net/hubfs/1885982/dell-emc-unity-unisphere-overview.pdf?t=1543339206682

QUESTION 15

What is the recommended option when configuring Dell EMC PowerStore nodes for High Availability?

A. Active/Active

B. Active/Passive with AULA

C. Synchronous Replication

D. Active/Passive

Correct Answer: A

Reference:https://www.delltechnologies.com/asset/en-us/products/storage/industry-market/h18157-dell-emc-powerstore-clustering-high-availability.pdf

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