Vendor:EMC

Exam Code:DES-1D11

Exam Name: Specialist, Technology Architect | Midrange Storage Solutions

Version: Demo

QUESTION 1

What is a benefit of a Dell EMC SC Series Flash-optimized solution?

A. Writes are sent to Tier 1 write-intensive SSDs for better performance

B. Snapshot data is sent to RAID 10 write-intensive SSDs to optimize capacity

C. Support for write-intensive and read-intensive SSDs in the same tier

D. RAID 5 /RAID 6 is converted to RAID 10 for increased efficiency

Correct Answer: B

QUESTION 2

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

A. Thin provisioning

B. Raid overhead

C. Virtual volumes

D. Compression and deduplication

Correct Answer: D

QUESTION 3

A customer with a large test/dev environment needs a Dell EMC Unity solution. The solution must be capacity efficient to address the customer\\'s cost concerns. Which Unity feature meets this requirement?

A. File System Quotas

B. Unity Host I/O Limits

C. Unity Local Replication

D. Unity Snapshots

Correct Answer: B

QUESTION 4

Which Dell EMC Unity feature provides file data isolation by using VLAN tagging?

A. Access Logix

B. LUN Masking

C. IP Multi-tenancy

D. IP Packet Reflect

Correct Answer: C

Reference: https://www.emc.com/collateral/white-papers/h15572-dell-emc-unity-nas-capabilities.pdf (11)

QUESTION 5

A system administrator needs to migrate data from a PS Series Group with version 8 firmware to a new Dell EMC SC Series array with SCOS version 7. Both systems are currently managed from the same Dell Storage Manager 2016 R1.

In order to complete a successful migration, what is the correct sequence of tasks that must occur?

A. Upgrade the PS Group firmware to version 9 Configure iSCSI connectivity between the PS Group and SC array

Configure Asynchronous Replication between the PS Group and SC array

B. Configure iSCSI connectivity between the PS Group and SC array Configure Synchronous Replication between the PS Group and SC array Upgrade the PS Group firmware to version 9

C. Upgrade the PS Group firmware to version 9 Configure HIT on the PS Group Configure Asynchronous Replication between the PS Group and SC array

D. Upgrade the PS Group firmware to version 9 Configure iSCSI connectivity between the PS Group and SC array Configure Cascade mode between the PS Group and SC array

Correct Answer: C

QUESTION 6

A Dell EMC SC7020 contains the following drives:

Tier 1: Write-intensive SSDs

Tier 2: Read-intensive SSDs

Tier 3: 7K HDDs

Which tier(s) will qualify for deduplication and compression?

A. Tier 1 only

B. Tier 1 and Tier 3 only

C. Tier 1, Tier 2, and Tier 3

D. Tier 2 and Tier 3 only

Correct Answer: D

Reference: https://www.emc.com/collateral/white-papers/h15084-dell-emc-unity-introduction-to-theplatform.pdf

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QUESTION 7

When designing a Dell EMC SC Series solution, where can be found technical documents regarding specific applications?

A. Partner portal

B. TechCenter

C. Dell Support site

D. SC Series Deployment guides

Correct Answer: B

QUESTION 8

A customer wants a solution that includes a single 12-drive DPE and six 25-drive DAEs. Which Dell EMC Unity model should be recommended?

A. Unity 300

B. Unity 400

C. Unity 450F

D. Unity 500F

Correct Answer: B

QUESTION 9

Which supported network configuration in Dell EMC Unity NAS servers provide network high availability and redundancy when provisioning File storage for a NAS client?

A. Preferred interfaces

B. Production and backup interfaces

C. Fail-safe networking

D. Link Aggregation

Correct Answer: D

QUESTION 10

You are designing a solution that will provide integration of a Dell EMC Unity storage array with a virtualized environment by provisioning VMFS datastores accessed through Fibre Channel. The customer uses the infrastructure for VDI deployment and provisioning of regular VMs. The host access is balanced by Quality of Service (QoS).

Which Unity QoS feature will address the expected Boot storm caused by powering up the virtual desktops at a certain time of the day?

A. Quotas

B. Density-based Policy

C. Burst Policy

D. Host I/O Limit Pause

Correct Answer: D

QUESTION 11

A customer plans to purchase a Dell EMC Unity storage system for their file storage needs. The solution must provide a way to limit the storage capacity offered to the users. Which Unity feature will provide this functionality?

A. Host I/O Limits

B. Thin Clones

C. File System Shrink

D. File System Quotas

Correct Answer: D

Unity supports the File System Quotas which will enable a storage administrator to track and/or limit usage

of a file system. Limiting usage is not the only application of quotas. The quota tracking capability can be

useful for tracking and reporting usage by simply setting the quota limits to zero. Quota limits can be

designated for users, or a directory tree. Limits are stored in quota records for each user and quota tree.

Limits are also stored for users within a quota tree.

The usage is determined by "File Size" (which is the default) or "Blocks".

The File Size quota policy calculates the disk usage based on logical file sizes in 1K increments.

The block quota policy calculates the disk usage in file system blocks at 8KB file system blocks.

Hard and soft limits are set on the amount of disk space allowed to be used.

QUESTION 12

A customer wants a power requirements comparison between their current Dell EMC PS Series storage and the proposed SC Series solution. Which tool can be used to build the comparison?

A. TechCenter

B. Internet Search Engine

C. DPACK

D. SC Series Sizing Tool

Correct Answer: A

Reference: http://en.community.dell.com/techcenter/