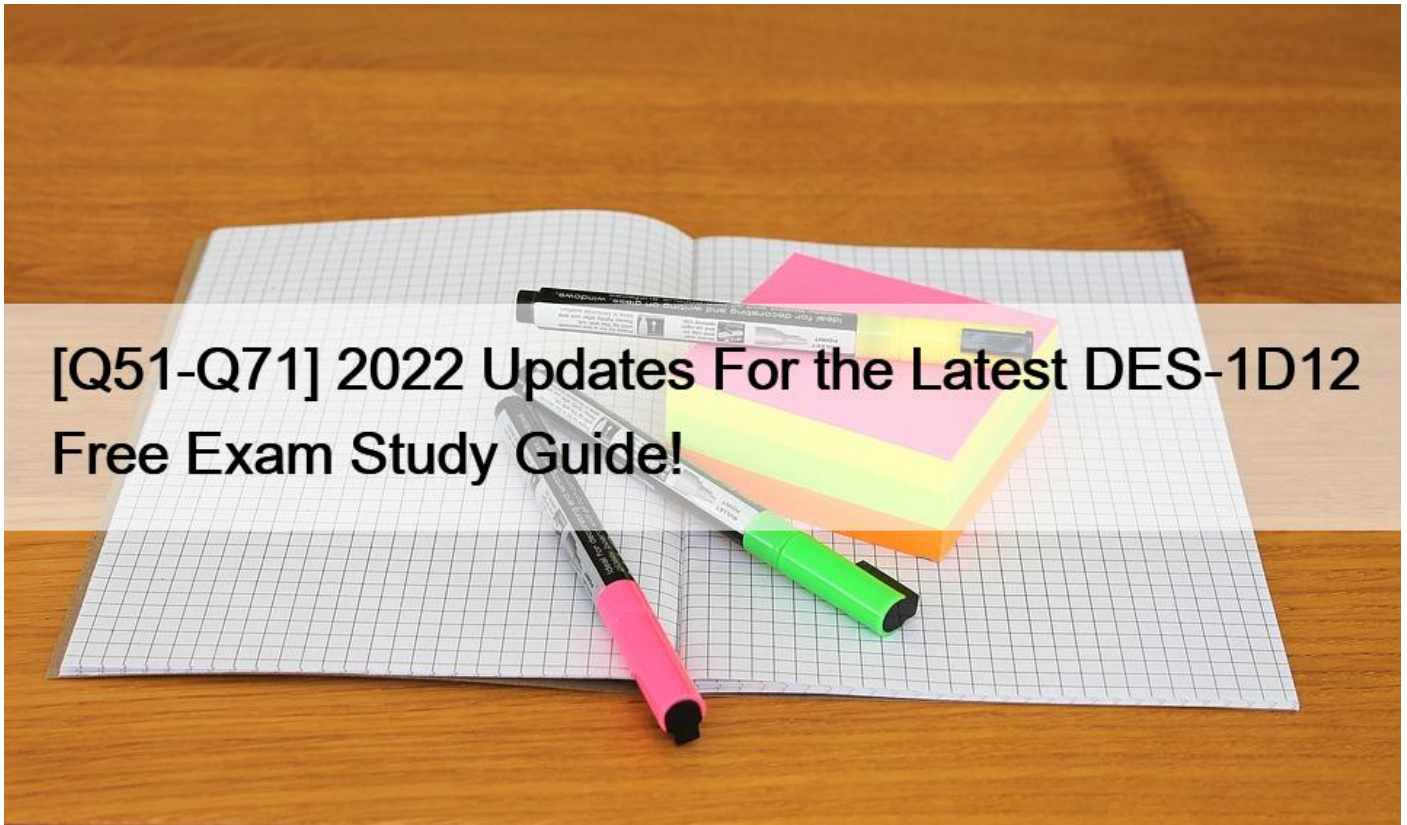


[Q51-Q71] 2022 Updates For the Latest DES-1D12 Free Exam Study Guide!



2022 Updates For the Latest DES-1D12 Free Exam Study Guide! Best DES-1D12 Exam Preparation Material with New Dumps Questions Q51. What component or feature is provided by both the Dell EMC PowerStore 1000T array and the Dell EMC Unity XT 380 Series array?

- * Container Integration
- * Configured Block with Hypervisor
- * Unified System
- * NVMe disks

Q52. The last two drive slots in a Dell EMC PowerStore 3000 are reserved for which type of drive?

- * SAS SSD
- * NVMe NVRAM
- * NVMe SSD
- * NVMe SCM

Explanation/Reference: [https://volumes.blog/2020/05/05/whats-is-powerstore-part-2-hardware/#:~:text=On%20the%20PowerStore%201000%20and,\(2\)%20NVMe%20NVRAM%20devices.&text=PowerStore%20supports%20four%20types%20of,in%20specific%20locations%20and%20enclosures](https://volumes.blog/2020/05/05/whats-is-powerstore-part-2-hardware/#:~:text=On%20the%20PowerStore%201000%20and,(2)%20NVMe%20NVRAM%20devices.&text=PowerStore%20supports%20four%20types%20of,in%20specific%20locations%20and%20enclosures)

[https://volumes.blog/2020/05/05/whats-is-powerstore-part-2-hardware/#:~:text=On%20the%20PowerStore%201000%20and,\(2\)%20NVMe%20NVRAM%20devices.&text=PowerStore%20supports%20four%20types%20of,in%20specific%20locations%20and%20enclosures](https://volumes.blog/2020/05/05/whats-is-powerstore-part-2-hardware/#:~:text=On%20the%20PowerStore%201000%20and,(2)%20NVMe%20NVRAM%20devices.&text=PowerStore%20supports%20four%20types%20of,in%20specific%20locations%20and%20enclosures)

[https://volumes.blog/2020/05/05/whats-is-powerstore-part-2-hardware/#:~:text=On%20the%20PowerStore%201000%20and,\(2\)%20NVMe%20NVRAM%20devices.&text=PowerStore%20supports%20four%20types%20of,in%20specific%20locations%20and%20enclosures](https://volumes.blog/2020/05/05/whats-is-powerstore-part-2-hardware/#:~:text=On%20the%20PowerStore%201000%20and,(2)%20NVMe%20NVRAM%20devices.&text=PowerStore%20supports%20four%20types%20of,in%20specific%20locations%20and%20enclosures)

Q53. You are designing a Dell EMC Unity solution. You need to predict its expected performance based on workload, number and type of drives, and RAID protection.

Which design path on the Midrange Sizer should you take?

- * System Designer path
- * Quick Configuration path
- * Application Oriented path
- * Performance Data Input path

Q54. Which NVMe SSDs are supported by Dell EMC PowerStore?

- * 960 GB, 1920 GB, 3840 GB, and 7680 GB
- * 3840 GB, 7680 GB, and 15360 GB only
- * 1920 GB, 3840 GB, and 7680 GB only
- * 1920 GB, 3840 GB, 7680 GB, and 15360 GB

<https://www.delltechnologies.com/resources/en-us/asset/data-sheets/products/storage/h18143-dell-emc-powerstore-family-spec-sheet.pdf>

Q55. In vCenter, what is the correct order of steps to create a VM in a storage container provisioned on a Dell EMC PowerStore system?

Create vVol datastore	Step 1
Provision VMs based on vVol datastore	Step 2
Create VM Storage Policies	Step 3
Configure PowerStore connectivity	Step 4
Add PowerStore Cluster as VASA Storage Provider	Step 5

Create vVol datastore	Add PowerStore Cluster as VASA Storage Provider
Provision VMs based on vVol datastore	Configure PowerStore connectivity
Create VM Storage Policies	Provision VMs based on vVol datastore
Configure PowerStore connectivity	Create VM Storage Policies
Add PowerStore Cluster as VASA Storage Provider	Create vVol datastore

Reference:

<https://www.delltechnologies.com/en-us/collaterals/unauth/white-papers/products/storage/h18152-dell-emc-powerstore-virtualization-integration.pdf>

Q56. What are characteristics of D@RE on a Dell EMC Unity array?

- * Impacts array only during implementation Has minimal impact on performance
- * Does not impact array during implementation Has some impact on performance for a moment
- * Impacts array for a moment after implementation

Has no impact on performance

- * Does not impact array during implementation Has minimal impact on performance

controller-based D@RE has minimal performance impact for typical mixed workloads, and no impact to other Dell EMC Unity data services due to the level at which the encryption is performed, which is after all data services have been applied.

<https://www.delltechnologies.com/en-us/collaterals/unauth/white-papers/products/storage/h15090-dell-emc-unity-data-at-rest-encryption.pdf>

Q57. To which bus is the Dell EMC Unity 880F DPE connected?

- * 0
- * 49
- * 89
- * 99

Explanation/Reference: <https://www.delltechnologies.com/resources/en-us/asset/white-papers/products/storage/h17782-dell-emc-unity-xt-introduction-to-the-platform.pdf>

Q58. How are vVol datastores mounted in Dell EMC PowerStore storage during the creation of vVol datastores in the vSphere environment shared by ESXi hosts?

- * Storage containers
- * Storage Groups
- * Volume Groups
- * VMFS datastores

Q59. A Dell EMC Unity storage administrator has 10 hosts. One of the hosts experiences occasional, huge IO bursts.

What is a best practice for avoiding performance issues during these burst periods?

- * Enabling Quality of Service (QoS) will limit the burst problem
- * Quality of Service (QoS) is enabled by default, so one only needs to configure burst settings
- * Enable Quality of Service (QoS) then limit I/O for the entire FC port
- * Enable Quality of Service (QoS) then configure burst settings

Q60. What is a feature of Dell EMC Unity unified snapshots?

- * Delta set extension
- * Copy on First Access
- * Redirect on Write
- * Copy on First Write

Reference; https://www.delltechnologies.com/en-ba/collaterals/unauth/white-papers/products/storage/h15089-dell_emc_unity_snapshots_and_thin_clones.pdf (7)

Q61. What component or feature is provided by both the Dell EMC PowerStore 1000T array and the Dell EMC Unity XT 380 Series array?

- * Container Integration
- * Configured Block with Hypervisor
- * Unified System
- * NVMe disks

“When positioning the 380 and 380F, keep in mind that they are not NVMe-ready and will not be upgradeable to support

NMVe in the future.”.

Q62. What is the purpose of the NVMe NVRAM drives in a Dell EMC PowerStore 9000 array?

- * Read cache and vaulting
- * Read cache and base OS
- * Write cache and base OS
- * Write cache and vaulting

Q63. What are characteristics of D@RE on a Dell EMC Unity array?

- * Impacts array only during implementation Has minimal impact on performance
- * Does not impact array during implementation Has some impact on performance for a moment
- * Impacts array for a moment after implementation

Has no impact on performance

- * Does not impact array during implementation Has minimal impact on performance

Q64. What is a feature of Dell EMC Unity unified snapshots?

- * Delta set extension
- * Copy on First Access
- * Redirect on Write
- * Copy on First Write

Reference;

https://www.delltechnologies.com/en-ba/collaterals/unauth/white-papers/products/storage/h15089-dell_emc_unity_snapshots_and_thin_clones.pdf (7)

Q65. A customer site has four NAS servers participating in MetroSync replication. Which Dell EMC Unity feature could reduce failover times?

- * QoS Failover Policy
- * Cabinet Failover
- * SRDF Metro
- * Consistency Groups

Q66. In vCenter, what is the correct order of steps to create a VM in a storage container provisioned on a Dell EMC Power Store system?

Create vVol datastore	Step 1
Provision VMs based on vVol datastore	Step 2
Create VM Storage Policies	Step 3
Configure PowerStore connectivity	Step 4
Add PowerStore Cluster as VASA Storage Provider	Step 5

Create vVol datastore	Create VM Storage Policies
Provision VMs based on vVol datastore	Add PowerStore Cluster as VASA Storage Provider
Create VM Storage Policies	Configure PowerStore connectivity
Configure PowerStore connectivity	Create vVol datastore
Add PowerStore Cluster as VASA Storage Provider	Provision VMs based on vVol datastore

Q67. What provides data analytics for Dell EMC Midrange storage?

- * eLab Advisor
- * Unisphere Central
- * DSM
- * CloudIQ

Reference:

<https://advance.biz-tech-insights.com/whitepaper/h15387-cloudiq-top-reasons.pdf>

Q68. How many PCI-E lanes are provided for Slot 0 and Slot 1 in Dell EMC Unity XT arrays?

- * 16 for Slot 0; 16 for Slot 1
- * 16 for Slot 0; 8 for Slot 1
- * 8 for Slot 0; 8 for Slot 1
- * 8 for Slot 0; 16 for Slot 1

Q69. Which NVMe SSDs are supported by Dell EMC PowerStore?

- * 960 GB, 1920 GB, 3840 GB, and 7680 GB
- * 3840 GB, 7680 GB, and 15360 GB only
- * 1920 GB, 3840 GB, and 7680 GB only
- * 1920 GB, 3840 GB, 7680 GB, and 15360 GB

Reference:

<https://www.architecting.it/blog/dell-powerstore/#:~:text=PowerStore%20will%20support%20NVMe>

%20SSDs,using%20mezzanine%20I%2FO%20cards

Q70. A storage administrator wants to do a tech refresh from a legacy EQL system to a new Dell EMC SC Series array. What is needed to correctly size the new array?

- * Latency
- * Peak IOPS information
- * Storage tiers
- * Contract support end date

https://downloads.dell.com/manuals/common/sc-series-performance-availability-best-practices-dell-emc-4024-bp-sc_en-us.pdf (1.9 Sizing an SC Series array for performance requirements – pag.9)

Q71. What storage resources are affected with a refresh option on a Dell EMC PowerStore array?

- * Thin clones and volumes only
- * Snapshots, thin clones, and volumes
- * Thin clones, volumes, and replicas
- * Thin clones and snapshots only

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