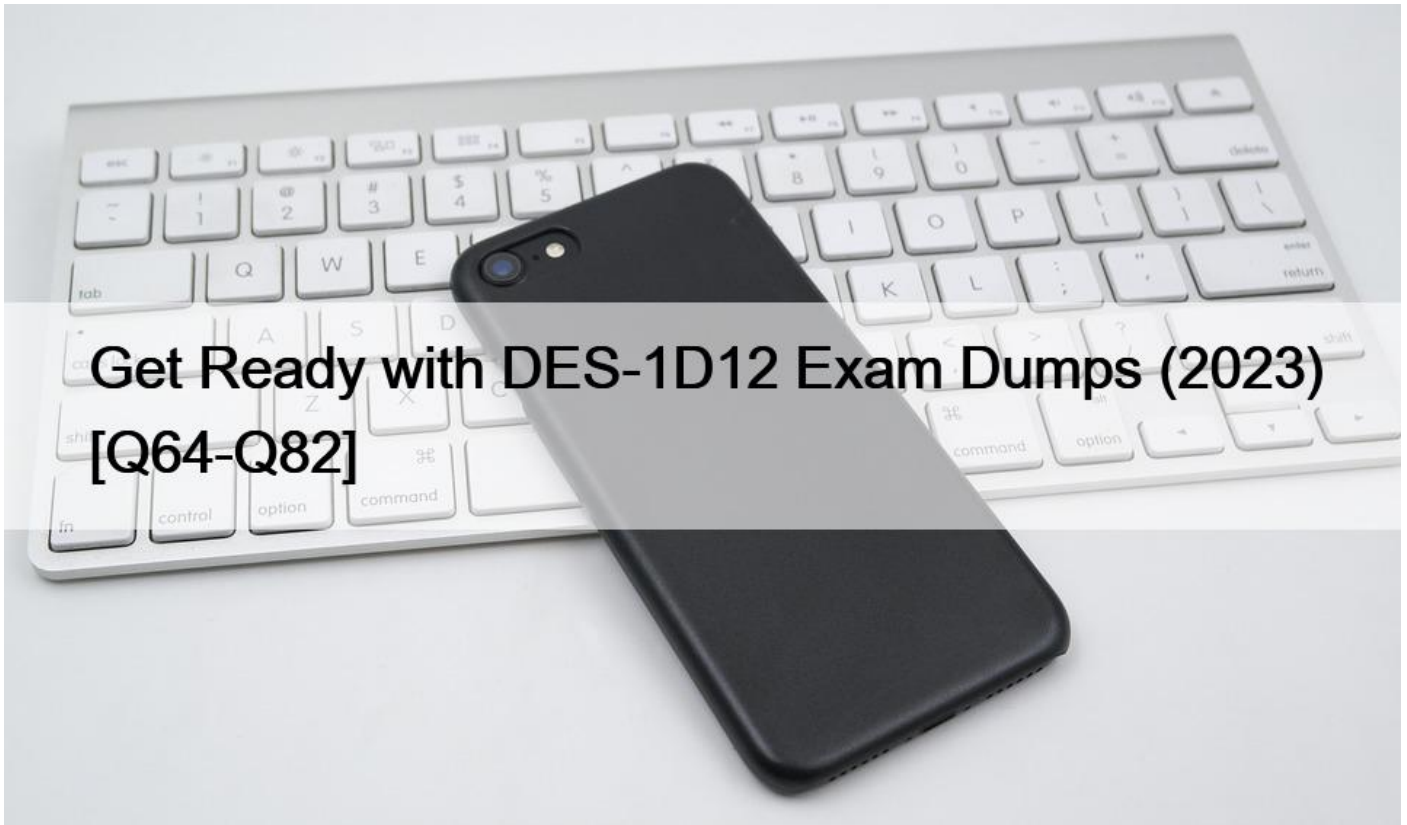


## Get Ready with DES-1D12 Exam Dumps (2023) [Q64-Q82]



### Get Ready with DES-1D12 Exam Dumps (2023) Realistic DES-1D12 Dumps are Available for Instant Access

EMC DES-1D12 exam is designed for individuals who wish to obtain the Specialist - Technology Architect, Midrange Storage Solutions certification. Specialist - Technology Architect, Midrange Storage Solutions Exam certification is ideal for those who have a deep understanding of midrange storage solutions and wish to showcase their skills in this area. DES-1D12 exam covers a range of topics including storage architecture, data protection, and storage management.

EMC DES-1D12 certification exam is a must-have for technology architects who specialize in midrange storage solutions. Specialist - Technology Architect, Midrange Storage Solutions Exam certification validates the skills and knowledge required to design and implement midrange storage solutions using EMC technologies. By passing DES-1D12 exam, candidates can demonstrate their expertise in midrange storage solutions and enhance their career prospects in the IT industry.

#### NEW QUESTION 64

Which features were introduced in SCOS 7.3?

- \* Unisphere for SC and Live Volume Auto-failover
- \* Data-in-Place upgrade for SC4020 and 4K HDD support
- \* Cloud IQ support and Cross Platform Replication

- \* Distributed Sparing and Live Volume ALUA

### NEW QUESTION 65

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?

- \* Wait until the end of the quarter and collect a week-long sampling
- \* Take a single-day sampling on any given day because that is sufficient in most instances
- \* Wait until the end of the quarter and collect a single-day sampling
- \* Take a week-long sampling on any given week because that is sufficient in most instances

### NEW QUESTION 66

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

- \* Performance Policy
- \* Resource Balancer
- \* Master appliance
- \* Source array

Explanation

From the POWERSTORE ADMINISTRATION PARTICIPANT GUIDE,

&#8221; Resource balancer also considers the the following when placing volumes:

Whether the appliance is offline

Appliance failure status

Capacity utilization

### NEW QUESTION 67

A Dell Unity XT 480F system ships with two embedded modules, one for each SP What does the embedded module provide?

- \* A Fiber Channel connectivity
- \* Field service only
- \* CNA connectivity
- \* Management

Explanation

The embedded module in a Dell Unity XT 480F system provides management functionality for the system, such as control of the storage array, monitoring of system health and performance, and management of storage resources. This embedded module allows you to manage the system through an intuitive web-based interface or via command-line interface.

### NEW QUESTION 68

What is a benefit of cross-platform replication between Dell EMC SC Series and Dell PS Series arrays?

- \* Provides active snapshot replication

- \* Supports cascade mode for the PS Group
- \* Leverages existing interfaces
- \* Enables replication of volume collections

### NEW QUESTION 69

For Dell EMC SC Series arrays, what is the minimum percentage of total system IOPS that should be applied to Tier 3 drives?

- \* 15%
- \* 20%
- \* 25%
- \* 100%

Reference:

[http://ftp.dell.com/manuals/all-products/esuprt\\_software/esuprt\\_it\\_ops\\_datcentr\\_mgmt/s-solution-resources\\_White-Papers4\\_en-us.pdf](http://ftp.dell.com/manuals/all-products/esuprt_software/esuprt_it_ops_datcentr_mgmt/s-solution-resources_White-Papers4_en-us.pdf) (27)

### NEW QUESTION 70

What is a feature of Dell EMC Unity unified snapshots?

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

Explanation

Reference; [https://www.delltechnologies.com/en-ba/collaterals/unauth/white-papers/products/storage/h15089-dell\\_emc\\_unity-snapshots\\_and\\_thin\\_clones.pdf](https://www.delltechnologies.com/en-ba/collaterals/unauth/white-papers/products/storage/h15089-dell_emc_unity-snapshots_and_thin_clones.pdf) (7)

### NEW QUESTION 71

A Dell EMC PowerStore customer wants to schedule snapshots daily at 6 AM.

Which snapshot frequency interval (in minutes) is available?

- \* 10
- \* 15
- \* 20
- \* 45

### NEW QUESTION 72

A systems administrator has deployed a Dell Unity XT 380F with 90x 1.92 TB SSDs in a dynamic pool. How many drives are allocated as spare space?

- \* 0
- \* 4
- \* 3
- \* 2

Explanation

When using a dynamic pool in Dell Unity XT systems, a certain number of drives are set aside as spare space to ensure that the system can continue to function in the event of a drive failure. The number of drives allocated as spare space depends on the number

of drives in the pool, the RAID level in use, and the spare space policy.

### NEW QUESTION 73

You are designing a Dell EMC Unity solution. You need to model expected array performance based on IOPS capability, storage capacity, and RAID type.

Which Midrange Sizer design path should you take?

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

### NEW QUESTION 74

A customer wants to expand their Dell EMC Unity Hybrid system, which includes a pool of 64 drives in a RAID 5 (4+1) configuration. What is the minimum number of drives needed to expand the pool?

- \* 1
- \* 5
- \* 6
- \* 7

Reference:

[https://www.delltechnologies.com/resources/en-us/asset/white-papers/products/storage/h16289-dell\\_emc\\_unity-dynamic\\_pools.pdf](https://www.delltechnologies.com/resources/en-us/asset/white-papers/products/storage/h16289-dell_emc_unity-dynamic_pools.pdf)  
(5)

### NEW QUESTION 75

What is the maximum number of SAS buses per SP for a Dell Unity XT 480F without an additional SAS I/O module1?

- \* 4
- \* 3
- \* 1
- \* 2

### NEW QUESTION 76

An ISP needs a data storage solution that allows them to set policies over resource usage. The solution needs to support network multi-tenancy while also providing full network failover protection.

What combination of Dell EMC SC Series features meets these requirements?

- \* Thin Replication and Storage Profiles
- \* VLAN Tagging and QoS
- \* Multi-protocol and Live Volume
- \* Replication and vVols

### NEW QUESTION 77

A storage administrator plans to complete a technology refresh from a Dell EqualLogic PS6100 to a Dell EMC PowerStore array. The affected hosts are running native MPIO.

What is the recommended method to support an import to PowerStore?

- \* Use Dell Storage Manager and select Online Import
- \* Install DSITV on the hosts
- \* Install PowerStore ImportKit on the hosts
- \* Install EQL Hit Kit on the hosts

#### **NEW QUESTION 78**

When implementing FAST VP, which Dell EMC best practices should be followed?

- \* Use the Start High then Auto Tier policy

Maintain at least 15 percent pool capacity

- \* Use the Auto Tier policy &#8211;

Schedule relocations continually during normal operations

- \* Use the Start High then Auto Tier policy

Maintain at least 10 percent pool capacity

- \* Use the Start High then Auto Tier policy

Maintain at least 5 percent pool capacity

#### **NEW QUESTION 79**

When designing a Dell EMC SC Series system, which factors regarding general performance are important to understand?

- \* Write size and latency
- \* Block size and read size
- \* Latency and queue depth
- \* Transport and queue depth

&#8220;Whether gathering information or designing a system, it is important to understand two commonly used terms: Latency and queue depth&#8221;

#### **NEW QUESTION 80**

What is a consequence of using an 800 GB drive and five 400 GB drives in a Dell EMC Unity XT dynamic pool?

- \* Extents 9 &#8211; 14 are used to create a RAID Group
- \* Unisphere short strokes the 800 GB drive to 8 extents
- \* Extents 9 &#8211; 14 are marked unavailable until more 800 GB drives are added
- \* Extents 9 &#8211; 14 are marked unavailable and can never be recovered

#### **NEW QUESTION 81**

When sizing a Dell EMC Unity Hybrid array, what are considerations for performance?

- \* Workload and hardware bottlenecks
- \* Active data and load balancing
- \* Drive size and component redundancy
- \* General capacity and port utilization

#### **NEW QUESTION 82**

A customer has a Dell EMC Unity 680F array with a single pool consisting of 10 drives configured with RAID 5 (4+1). What is the minimum number of drives required to expand the pool?

- \* 1
- \* 5
- \* 6
- \* 7

### Basic Certification Requirements

Being a specialist designation, the Specialist - Technology Architect, Midrange Storage Solutions asks for some notable prior understanding. Thus, the certification vendor allows only those who have earned any of the Associate - Information Storage and Management certifications from version 2.0 to 4.0 to move ahead and aim at the DES-1D12 exam. These validations are suggested for candidates to become equipped with foundational subject matter understanding and increase the odds of success. Once a Dell DES-1D12 aspirant has earned any of these associate-level designations, the elementary understanding can be imbued, and hence, it will be easy to grasp what a higher-level exam like DES-1D12 is trying to convey.

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