DES-1D11

Midrange Storage Solutions Specialist

A Success Guide to Prepare-
Dell EMC Midrange Storage Solutions Specialist for Technology Architect

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Introduction to DES-1D11 Exam on Dell EMC Midrange Storage Solutions Specialist for Technology Architect

Use this quick start guide to collect all the information about Dell EMC Midrange Storage Solutions Specialist (DES-1D11) Certification exam. This study guide provides a list of objectives and resources that will help you prepare for items on the DES-1D11 Dell EMC Midrange Storage Solutions Specialist for Technology Architect exam. The Sample Questions will help you identify the type and difficulty level of the questions and the Practice Exams will make you familiar with the format and environment of an exam. You should refer this guide carefully before attempting your actual Dell EMC Midrange Storage Solutions Specialist certification exam.

The Dell EMC Midrange Storage Solutions Specialist certification is mainly targeted to those candidates who want to build their career in Midrange Storage Solutions domain. The Dell EMC Certified Specialist - Technology Architect - Midrange Storage (DECS-TA) exam verifies that the candidate possesses the fundamental knowledge and proven skills in the area of Dell EMC Midrange Storage Solutions Specialist.

Dell EMC DES-1D11 Certification Details:

Exam Name	Dell EMC Certified Specialist - Technology Architect - Midrange Storage (DECS-TA)
Exam Code	DES-1D11
Exam Price	$200 (USD)
Duration	120 mins
Number of Questions	60
Passing Score	60%
Books / Training	Dell EMC Midrange Storage Solutions Learning Center (MR-7TN-MSSLC)
Schedule Exam	Pearson VUE
Sample Questions	Dell EMC Midrange Storage Solutions Specialist Sample Questions
Practice Exam	**Dell EMC DES-1D11 Certification Practice Exam**

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Dell EMC DES-1D11 Exam Syllabus:

Topic	Details	Weights
Dell EMC Midrange Architectures	- Identify and describe the Unity hardware (e.g., enclosures, I/O components, storage media options, etc.) - Explain Unity storage resources and features (e.g., dynamic pools, RAID functions) - Identify and describe SC Series storage resources, connectivity options (e.g., RAID, Consistency Groups, SSD, HDD options), and use cases - Identify and describe the various controller options available in the SC Series models	25%
Dell EMC Midrange Product Solutions	- Identify key features of the SC Series operating system - Describe SC Series cross-platform replication functionality and use cases - Describe how to provision and access Unity storage; including Block, Files, and VMware datastores - Identify Unity advanced features for Block storage; e.g, FAST Suite, D@RE, host I/O limit availability, thin clones - Identify Unity advanced features for File storage; e.g, IP Multi-tenancy, Advanced Static Routing, IP Packet Reflect, etc. - Identify and describe Unity Data Protection (e.g., Snapshots, Replication, and Snapshot Replication architecture) solutions and use cases - Describe Unity Data Mobility features, requirements, and use cases - Compare and contrast similar features between the Unity and SC Series products	42%
Dell EMC Midrange Best Practices, Sizing, and Design	- Apply Dell EMC midrange best practice recommendations for data service, system, storage, and host application configurations - Identify and describe the sizing and design considerations for Unity and SC Series features - Identify and describe how to size and design a midrange solution for performance, capacity, security, and resilience - Describe the data gathering methods to size and design an SC Series solution - Identify and describe the tools and resources available to size and design Unity and SC Series solutions - Explain how to size an SC Series solution that includes Tiers 1-3, storage requirements, front-end and back-end connections, and common use cases	33%

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DES-1D11 Sample Questions:

01. Which logical drives are reserved for the Dell EMC Unity operating system?
a) Drives 0 – 3 on 12-drive and 25-drive DPE models
b) Drives 0 – 3 on only a 12-drive DPE modelDrives 1 – 4 on only a 25-drive DPE model
c) Drives 0 – 3 on only a 25-drive DPE modelDrives 1 – 4 on only a 12-drive DPE model
d) Drives 1 – 4 on 12-drive and 25-drive DPE models

02. Which front-end options are available for each Dell EMC SC4020 controller?
a) 2 FC 16 Gb, 2 FC 8 Gb4 iSCSI 10 Gb, 4 SAS 12 Gb
b) 2 FC 16 Gb, 4 FC 8 Gb4 iSCSI 10 Gb, 4 SAS 12 Gb
c) 4 FC 16 Gb, 2 FC 8 Gb4 iSCSI 10 Gb, 4 SAS 12 Gb
d) 4 FC 16 Gb, 4 FC 8 Gb4 iSCSI 10 Gb, 4 SAS 12 Gb

03. How many Dell EMC SC9000 slots, per controller, are available for PCIe cards?
a) 3 full height and 3 half-height card slots
b) 3 full height and 4 half-height card slots
c) 3 full height (one reserved for write cache) and 3 half-height card slots
d) 4 full height (one reserved for write cache) and 3 half-height card slots

04. Why is the drive size a threshold in Dell EMC SC Series for Dual Redundancy?
a) RAID protection level during a disk allocation failure
b) RAID stripe reconstruction time during a disk failure
c) Data Progression run times are longer with larger drives
d) Cost per GB on larger drives is less

05. Which Dell EMC Unity component holds the contents of write cache upon the loss of AC power?
a) M.2 SSD drive
b) SP memory
c) Vault disk 0
d) Vault disks 0_3

06. A customer has a Dell EMC SC9000 that supports transparent, non-disruptive volumemovement among arrays. This allows the combined capacity and cache of the entire federated cluster to be seamlessly utilized for maximum performance and scalability in expanding data centers. By leveraging the eight SC9000 arrays, what will be the total maximum raw capacity?
a) 5.3 PB
b) 8 PB
c) 16 PB
d) 24 PB

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07. When designing a Dell EMC Unity 550F, what is the maximum number of enclosures and drive slots per bus?
a) 10 enclosures and 250 drive slots
b) 10 enclosures and 500 drive slots
c) 15 enclosures and 275 drive slots
d) 15 enclosures and 1000 drive slots

08. Which Dell EMC Unity technology is the Local LUN Move feature architecture built upon?
a) Inband Migration Tool
b) Copy on First Write
c) SanCopy Push
d) Transparent Data Transfer

09. What are the characteristics of RAID Extents on a Dell EMC Unity system?
a) RAID extents contain at least two drive extents from the same drive.RAID extents always include drive extents from two different Drive Partnership Groups.
b) Number of drive extents within a RAID extent is determined by the drive capacity.RAID extents will not include drive extents from two different Drive Partnership Groups.
c) No RAID extents contain two drive extents from the same drive.RAID extents will not include drive extents from two different Drive Partnership Groups.
d) No extents contain two drive extents from the same drive.RAID extents are always 256 MB in size.

10. What is recommended to maximize system performance on Dell EMC Unity systems?
a) Avoid distributing host connections across front-end ports
b) Use LACP for iSCSI connectivity
c) Build storage pools with many drives
d) Build storage pools with fewer drives

Answers to DES-1D11 Exam Questions:

Question: 01 Answer: d	Question: 02 Answer: c	Question: 03 Answer: d	Question: 04 Answer: a	Question: 05 Answer: a
Question: 06 Answer: d	Question: 07 Answer: b	Question: 08 Answer: d	Question: 09 Answer: d	Question: 10 Answer: d

Note: If you find any typo or data entry error in these sample questions, we request you to update us by commenting on this page or write an email on feedback@edusum.com

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