



E20-385

DECS-IE

A Success Guide to Prepare-
Dell EMC Data Domain Specialist for Implementation Engineer

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Introduction to E20-385 Exam on Dell EMC Data Domain Specialist for Implementation Engineer

Use this quick start guide to collect all the information about Dell EMC Data Domain Specialist (E20-385) Certification exam. This study guide provides a list of objectives and resources that will help you prepare for items on the E20-385 Dell EMC Data Domain Specialist for Implementation Engineer 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 DECS-IE certification exam.

The Dell EMC Data Domain Specialist certification is mainly targeted to those candidates who want to build their career in Data Domain domain. The Dell EMC Certified Specialist - Implementation Engineer - Data Domain (DECS-IE) exam verifies that the candidate possesses the fundamental knowledge and proven skills in the area of Dell EMC DECS-IE.

Dell EMC E20-385 Certification Details:

Exam Name	Dell EMC Certified Specialist - Implementation Engineer - Data Domain (DECS-IE)
Exam Code	E20-385
Exam Price	\$200 (USD)
Duration	90 mins
Number of Questions	60
Passing Score	63%
Books / Training	Data Domain Fundamentals (MR-1WP-DDFUND) Data Domain Implementation with Application Software (MR-1WP-DDIAS) Data Domain Extended Retention – Installation Configuration and Administration (MR-1WP-DDEXRET) Data Domain Cloud Tier Implementation and Management (MR-1WP-DDCTIM) Data Domain System Administration (MR-1CP-DDSADMIN) Data Domain System Administration – Online ILT (MR-1LP-

	DDSADMIN) Data Domain System Administration – Video ILT (MR-1TP- DDSADMIN-0317)
Schedule Exam	Pearson VUE
Sample Questions	Dell EMC Data Domain Specialist Sample Questions
Practice Exam	Dell EMC E20-385 Certification Practice Exam

Dell EMC E20-385 Exam Syllabus:

Topic	Details	Weights
Data Domain Fundamentals	<ul style="list-style-type: none"> - Explain the key differentiators of the Dell EMC Data Domain deduplication technology, including SISL, DIA, In-line versus Post Process deduplication, and file versus block storage. - Identify typical Dell EMC Data Domain backup and recovery solutions and describe Dell EMC Data Domain product positioning. - Identify and describe various Dell EMC Data Domain software options and the functionality they enable. 	15%
Data Domain Hardware Installation	<ul style="list-style-type: none"> - Describe how to prepare the Dell EMC Data Domain system for installation, including rail and rack the system hardware, and connect and cable the system to external storage. - Describe how to perform the initial configurations of the Dell EMC Data Domain system; configure the network for administrative access, and verify interoperability with connected devices. 	15%
Data Domain Extended Retention: Installation, Configuration, and Administration	<ul style="list-style-type: none"> - Describe DD Extended Retention features, benefits, and use cases. Describe basic architecture for systems with the DD Extended Retention option and DD Extended Retention licensing requirements. - Describe how to install and configure Dell EMC Data Domain systems with DD Extended Retention; including system racking and cabling, configuration of the active and archive tiers, establishment of data movement policies and upgrading the system. - Describe how to perform administrative tasks on Dell EMC Data Domain systems with the DD Extended Retention option, including adding and expanding storage, adjusting compression settings, deleting or reusing storage units, configuring replication and disaster recovery. 	10%

Topic	Details	Weights
Data Domain Cloud Tier Installation, Configuration, and Administration	<ul style="list-style-type: none"> - Describe DD Cloud Tier features, benefits, and use cases. Describe basic architecture for systems with the DD Extended Retention option and DD Extended Retention licensing requirements. - Describe how to install and configure Dell EMC Data Domain systems with DD Cloud Tier; including system racking and cabling, configuration of the active and archive tiers, establishment of data movement policies and upgrading the system. - Describe how to perform administrative tasks on Dell EMC Data Domain systems with the DD Cloud Tier option, including adding and expanding storage, adjusting compression settings, deleting or reusing storage units, configuring replication and disaster recovery. 	10%
Data Domain Implementation in Backup Environments and Integration with Application Software	<ul style="list-style-type: none"> - Distinguish between key backup software components. Recognize the packet flow in a typical backup environment with and without a Dell EMC Data Domain system. Describe key information points for a backup and recovery solution using Data Domain Boost/OST technology. - Implement the Data Domain system as a CIFS or NFS to a backup server running Veritas NetBackup and/or Backup Exec, Dell EMC NetWorker, CommVault Simpana, and IBM Spectrum Protect. Validate the backup and recovery functionalities. - Implement and validate the Data Domain system as a VTL. Implement and validate Data Domain Boost in Veritas NetBackup and Backup Exec environments, Oracle Recovery Manager (RMAN) environments, as well as in Dell EMC NetWorker and Dell EMC Avamar environments. - Implement best practices and system tuning procedures for optimal performance of backup environments including integrated EMC Data Domain systems. 	15%

Topic	Details	Weights
Data Domain System Administration	<ul style="list-style-type: none"> - Implement Dell EMC Data Domain system with key protocols, including NFS/CIFS, DD Boost, VTL, and NDMP. - Implement Dell EMC Data Domain system with key technologies, including data security, link aggregation/failover, fibre channel connections, secure multi-tenancy, DDMC, snapshots, fastcopy, retention lock, sanitization, encryption, storage migration, replication, and recovery functionalities. - Manage system access, describe and configure autosupport, Support bundle, SNMP, Syslog, monitor system activity and performance, and evaluate the cleaning frequency. - Verify hardware, analyze and interpret space utilization and compression graphs. Monitor Data Domain capacity and storage burn rate. 	35%

E20-385 Sample Questions:

01. In an EMC Data Domain environment, when are cage nuts used?

- a) Square hole rack fastening
- b) Rack-to-rack fastening
- c) Round hole rack fastening
- d) Tapped hole rack fastening

02. Where are the log files maintained on an EMC Data Domain system?

- a) /var/log
- b) /ddvar/logs
- c) /ddvar/log
- d) /var/logs

03. A customer creates a DD Boost storage unit called "oracle". What is the path for this storage unit on the EMC Data Domain system?

- a) /data/col1/oracle
- b) /data/col1/backup/oracle
- c) /data/col1/ddboost/oracle
- d) /data/ddboost/oracle

04. Which EMC Data Domain type of replication is initiated by backup software?

- a) Directory
- b) Collection
- c) MTree
- d) Managed

05. How can NFS performance issues with the SUN T-processor be resolved?

- a) Set MTU to 2500
- b) Use Jumbo Frames
- c) Set MTU to 1500
- d) Disable Jumbo Frames

06. What is used by SISL to verify segment uniqueness?

- a) Summary vector
- b) lz compression
- c) Containers
- d) Segment localities

07. When logging into an EMC Data Domain system during an initial installation, which connection type must be used?

- a) Serial Console
- b) FTP
- c) Telnet
- d) IPMI

08. After backups are expired and data is marked for deletion, when is space freed up on an EMC Data Domain file system?

- a) After completion of the next file system cleaning
- b) Daily at 6 AM
- c) Immediately after the data is marked for deletion
- d) When the Data Domain system is rebooted

09. Which two licenses are tied to capacity on an EMC Data Domain system?

- a) Expanded and shelf capacity
- b) Added storage and shelf extension
- c) Storage expansion and shelf capacity
- d) Expanded shelf and expanded capacity

10. What does the EMC Data Domain file level retention locking feature provide?

- a) Active archive protection for IT governance
- b) Instant restoration of applications and data
- c) Built-in data safety for extended onsite retention
- d) Offline availability of archive data

Answers to E20-385 Exam Questions:

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

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