DELLTechnologies

Specialist - Implementation Engineer, Dell EMC Unity Solutions Version 2.0
Certification Description

Proven Professional
Website

Education Services
Community

Overview
This certification validates the candidate's knowledge of key product related activities including installation, configuration and management of Dell EMC Unity and Dell EMC Unity XT Systems. The Dell EMC UnityVSA and product features such as Snapshots, Replication for block and file storage, data reduction, dynamic pools, upgrades, and system hardware are also covered.

Certification Requirements
To complete the requirements for this certification you must:

1. Achieve one of the following Associate level certifications*
   - Associate - Information Storage and Management Version 1.0
   - Associate - Information Storage and Management Version 2.0
   - Associate - Information Storage and Management Version 3.0
   - Associate - Information Storage and Management Version 4.0

2. Pass the following Specialist exam on or after July 19, 2019:
   - E20-393 Specialist – Implementation Engineer, Dell EMC Unity Solutions Exam

Note: These details reflect certification requirements as of **July 19, 2019.**

The Proven Professional Program periodically updates certification requirements. *Please check the Proven Professional CertTracker website regularly for the latest information and for other options to meet the Associate level requirement.

Other Certification Recommendations
Once you have achieved this Certification you may be interested in:
   - Specialist – Implementation Engineer, SC Series Version 1.0

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E20-393 Specialist - Implementation Engineer, Dell EMC Unity Solutions Exam

Exam Description

DELL Technologies
Proven Professional

Duration
90 Minutes
 (60 Questions)

Pass Score: 63

Practice Test
Specialist – E20-393

Dell Inc.
Hopkinton
Massachusetts
01748-9103
1-508-435-1000
In North America
1-866-464-7381

Overview
This exam is a qualifying exam for the **Specialist - Implementation Engineer, Dell EMC Unity Solutions (DCS-IE)** track.

This exam tests the candidate's knowledge to install, configure and manage Dell EMC Unity Systems and Dell EMC Unity XT Systems as well as the Dell EMC UnityVSA. This exam also tests the candidate's knowledge of key product features including, but not limited to, Snapshots, Replication for block and file storage, data reduction, dynamic pools, upgrades, and system hardware.

Dell Technologies provides free practice tests to assess your knowledge in preparation for the exam. Practice tests allow you to become familiar with the topics and question types you will find on the proctored exam. Your results on a practice test offer one indication of how prepared you are for the proctored exam and can highlight topics on which you need to study and train further. A passing score on the practice test does not guarantee a passing score on the certification exam.

Products
Products likely to be referred to on this exam include but are not limited to:

- Dell EMC Unity
- Dell EMC Unity XT
- Dell EMC Unity VSA

Exam Topics
Topics likely to be covered on this exam include:

Dell EMC Unity Platform Concepts, Features, and Architecture (10%)
- Describe the Dell EMC Unity platform architecture, features, and functions
- Describe the Dell EMC UnityVSA software defined storage solution
- Identify the Dell EMC Unity XT hardware components: DPE, SPE, DAE, expansion modules

Dell EMC Unity XT and UnityVSA Installation and Service (13%)
- Describe how to install and initialize a Dell EMC Unity XT storage system
- Describe how to deploy and initialize a Dell EMC UnityVSA system
- Identify key service tasks and related resources
- Describe the Dell EMC Unity Platform service functions, including alert levels, event logs, CRU replacement

Dell EMC Unity XT and UnityVSA System Administratio (7%)
- Identify and describe the user interfaces for monitoring and managing the Dell EMC Unity family of storage systems

- Describe how the support and basic system settings are configured for system administration

Dell EMC Unity XT and UnityVSA Storage Provisioning and Access (25%)
- Describe the different types of storage pools - traditional and dynamic - and how they are provisioned
- Describe dynamic pool expansion, considerations for mixing drive sizes and the rebuild process
- Describe how to provision block, file and VMware datastore storage
- Describe how to configure host access to block storage resources
- Describe how to configure NAS client access to SMB and NFS file storage resources
- Describe how to configure VMware ESXi hosts to access VMware datastore storage resources

Storage Efficiency, Scalability, and Performance Features (23%)
- Describe the nature and use of FAST Cache performance feature
- Describe the nature and use of the Host I/O performance feature
- Describe the nature and use of the File Level Retention feature
- Describe the nature and use of UFS64 file system scalability feature and the File System Quotas feature
- Describe the nature and use of the Data Reduction efficiency feature
- Describe the nature and use of the FAST VP Tiering efficiency feature
- Describe the nature and use of Thin Clones feature

Data Protection and Mobility (22%)
- Describe the nature and use of the mobility features Local LUN Move and Local NAS Server mobility
- Describe the Snapshots data protection feature and how snapshots are created
- Describe how snapshot operations are performed on storage resources
- Describe the Replication data protection feature
- Describe how to create synchronous and asynchronous replication sessions for storage resources
- Describe synchronous and asynchronous replication operations for storage resources

The percentages after each topic above reflects the approximate distribution of the total question set across the exam.

Recommended Training
There are two different curriculum paths recommended for candidates preparing to take this exam, based on their audience group.

All audiences:
Please complete all of the following courses

Course Title	Course Number	Mode	Available
Dell EMC Unity Concepts and Features – On-Demand Course	ES131STG00107	On-Demand	6/27/2019
Dell EMC Unity XT Hardware Concepts and Features - On-Demand Course	ES131STG01194	On-Demand	6/27/2019

Dell EMC Unity Installation and Service - On-Demand Course	ES132STG00109	On-Demand	6/27/2019

Please complete one of the following courses

Course Title	Course Number	Mode	Available
Dell EMC Unity Implementation and Administration – Classroom	ES112STG00110	Classroom	7/1/2019
Dell EMC Unity Implementation and Administration – Virtual Classroom	ES112STG00111	Virtual Classroom	7/1/2019
Dell EMC Unity Implementation and Administration – On-Demand Video	ES152STG00246	On-Demand	9/12/2019

Note: These exam description details reflect contents as of **July 19, 2019**.

The Proven Professional Program periodically updates exams to reflect technical currency and relevance. Please check the Proven Professional website regularly for the latest information.

Dell Technologies believes the information in this document is accurate as of its publication date. The information is subject to change without notice.