



Announcing E20-593 – Specialist – Implementation Engineer, NetWorker Exam Retirement

The **E20- 593 exam** that supports the Specialist - Implementation Engineer, NetWorker Version 7.0 certification **will retire on October 15, 2020**. This exam will be replaced by the new **DES-3128** aligning to the 'Specialist – Implementation Engineer, NetWorker Version 8.0' certification **available as of October 16, 2020**. This will include a revision of the Specialist-level **credential version from 7.0 to 8.0**.

The DES-3128 exam and certification cover the NetWorker Concepts, NetWorker Implementation, and NetWorker Administration.

How will this impact me?

If you have taken the *NetWorker Implementation and Management* course, please plan to take the **E20-593** exam before **October 16, 2020**.

- [View the E20-593 exam description and practice test »](#)
- View the DES-3128 exam description and practice test (coming soon) »

Your credential 'Specialist - Implementation Engineer, NetWorker Version 7.0' once achieved, will not expire. As a certified Dell Technologies Proven Professional, you will continue to gain access to exclusive program benefits.

Specialist - Implementation Engineer, NetWorker Version 7.0

Certification Description



[Proven Professional Website](#)

[Education Services Community](#)

Overview

This certification is used to validate an individual's knowledge of NetWorker and common backup and recovery concepts necessary to successfully implement Dell EMC NetWorker solutions. The exam requires the successful candidate to demonstrate the knowledge required to implement and configure Dell EMC NetWorker backup solutions.

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
 - Associate - Backup Recovery Version
 - Associate - Data Protection and Management Version 1.0
2. Pass the following Specialist exam on or after July 12, 2019:
 - [E20-593 NetWorker Specialist Exam for Implementation Engineers](#)

Note: These details reflect certification requirements as of **July 12, 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:

- [Expert – Implementation Engineer, NetWorker Version 7.0](#)
- [Specialist – Implementation Engineer, Data Domain Version 2.0](#)
- [Specialist – Implementation Engineer, Avamar Version 8.0](#)

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

E20-593 NetWorker Specialist Exam for Implementation Engineers

Exam Description



Duration

90 Minutes
(60 Questions)

Pass Score: 63

Practice Test

Specialist Exam - [E20-593](#)

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, NetWorker (DCS-IE)** track.

This exam focuses on ensuring individuals are knowledgeable in enterprise backup concepts and terminology, and can successfully implement solutions designs with Dell EMC NetWorker. The exam requires the successful candidate to demonstrate the knowledge required to implement and configure Dell EMC NetWorker backup solutions.

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 NetWorker software
- Dell EMC NetWorker modules (e.g. NMM, NMDA)

Exam Topics

Topics likely to be covered on this exam include:

Dell EMC NetWorker Overview (10%)

- Describe a NetWorker solution and its advantages
- Identify and describe the NetWorker software components and their roles, data protection functions, and terminology
- Explain the use of NetWorker control data and administrative interfaces

Dell EMC NetWorker Modules Overview (15%)

- Explain how NetWorker modules work with native applications to support backup and recovery
- Explain the backup and recovery process with NetWorker modules
- Explain the functionality of various NetWorker modules; for example, NMM and NMDA

Dell EMC NetWorker Installation and Configuration (40%)

- Describe the NetWorker architecture and components, including processes and backup data flow
- Identify and describe how NetWorker and NetWorker Management Console are installed and licensed
- Identify and describe how to configure NetWorker backups; including client, protection group, policy and directive resources, and client save set

and backup command attributes

- Explain the NetWorker backup options; including synthetic full backup, block based backup, snapshot management, and VMware backup options
- Identify and describe the features of NetWorker backup devices and how they are configured and managed; including device types, media pools, client direct backups, cloning, and staging

Dell EMC NetWorker Administration and Management (25%)

- Identify and describe the NetWorker security features; including NetWorker authentication (AuthC), NetWorker user groups, logs, and configuring firewalls
- Identify and describe how the NetWorker server and NetWorker Management Console are configured and managed; for example: notifications, reports, parallelism, multi-tenancy
- Identify and describe how to recover Windows hosts and configure NetWorker in cluster environments
- Identify and describe how NetWorker recoveries are performed; for example: directed, browsable, and save set
- Describe the management and backup and recovery of NetWorker databases; for example: media and resource databases and client file indexes

Dell EMC NetWorker Cloud Enablement (10%)

- Describe the NetWorker features and capabilities that support backup to and in the Cloud
- Describe how to "configure" NetWorker with CloudBoost and Cloud Tier
- Describe how to "manage" NetWorker with CloudBoost and Cloud Tier
- Describe the features and capabilities provide by the NetWorker vRealize Data Protection Extension

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

Please complete all of the following courses

Course Title	Course Number	Mode	Available
NetWorker Fundamentals	MR-1WP-NWFUN	eLearning	1/17/2019
NetWorker Cloud Enablement	MR-1WP-NWCLD	eLearning	4/3/2019

Please complete one of the following courses

Course Title	Course Number	Mode	Available
NetWorker Implementation and Management	MR-1CP-NWIM	Instructor-Led	3/8/2019
NetWorker Implementation and Management – Online ILT	MR-1LP-NWIM	Online ILT	3/8/2019
NetWorker Implementation and Management	ES152DPS00598	On-Demand	August 2019

Note: These exam description details reflect contents as of **July 12, 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.



Copyright © 2019 Dell Inc. or its subsidiaries. All Rights Reserved. Dell Technologies, Dell, EMC, Dell EMC and other trademarks are trademarks of Dell Inc. or its subsidiaries. Other trademarks may be trademarks of their respective owners. Published in the USA [07/19] [Exam Description]

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