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

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

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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

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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.