ATTENTION: The English language versions of the E20-357 / E20-559 exams that support the Specialist – Implementation Engineer, Isilon Solutions Version 2.0 / Specialist – Systems Administrator, Isilon Solutions Version 3.0 certifications will retire on June 20, 2019. Japanese version of the exams will be available until the localized version of the course and exam materials are available at a later date (TBD).

These exams are being replaced by the new DES-1423 exam and Specialist – Implementation Engineer, Isilon Solutions Version 3.0 certification available as of June 21, 2019.

Why is the Specialist, Systems Administrator, Isilon Solutions certification no longer available after June 21, 2019?
The new Implementation Engineer training, exam and certification covers all of the administration and implementation topics required. This will be the combined go to Isilon Specialist exam/certification serving both the roles henceforth.

How will this impact me?
The Isilon Administration and Management course will be updated as of May 31, 2019. If you are planning to take the Isilon Administration and Management course before May 31, 2019, and please plan to take the E20-357 / E20-559 before June 21, 2019. If you are planning to take the Isilon Administration and Management course after May 31, 2019, and please plan to take the DES-1423 on or after June 21, 2019.

View the E20-357 exam description and practice test »

View the E20-559 exam description and practice test »

View the DES-1423 preliminary exam description »

Once you achieved Specialist – Implementation Engineer, Isilon Solutions Version 2.0 or Specialist – Systems Administrator, Isilon Solutions Version 2.0, your credential(s) will not expire. As a certified Dell Technologies Proven Professional, you will continue to gain access to exclusive program benefits.

Thank you
Dell Technologies Proven Professional Program Team
Certification Overview
The Isilon Solution Specialist certification demonstrates your understanding of the Isilon technical architecture, administration and operation of the Isilon data storage product. This specialization expands upon the associate level storage knowledge to specifically detail all components within the hardware and software that make up Isilon and the OneFS operating system.

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

2. Pass the following Specialist exam on or after August 26, 2016:
   - E20-559 Specialist, Systems Administrator | Isilon Solutions Exam

Note: These details reflect certification requirements as of August 26, 2016.

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 - Isilon Solutions
Overview
This exam is a qualifying exam for the Specialist – Systems Administrator, Isilon Solutions (DECS-SA) track.

This exam focuses on Isilon storage cluster administration. Highlighted are topics related to network configuration, physical and logical layout, access and authentication, integration with other applications, system monitoring and troubleshooting.

Dell EMC 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:

- OneFS v8.0.x
- InsightIQ 4.x
- Isilon S-Series nodes
- Isilon X-Series nodes
- Isilon NL-Series nodes
- Isilon HD-Series nodes

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

Isilon Fundamentals (5%)
- Scale out vs. Scale up
- General functionality
- Data management and data security

Isilon Storage Concepts (12%)
- Isilon nodes
- Management tools
- Roles and RBAC
- Auditing
- Data lake concepts

Data Protection and Layout (12%)
- File striping
- Protection levels and overhead
- Protection management
- Requested, Suggested, and Actual protection
- Cluster caching
Networking (10%)
- Configure and verify cluster network access
- Connect the cluster to an external IP network
- Configure name resolution for the cluster
- Explain how the SmartConnect service works
- Differentiate between basic and advanced SmartConnect features

Access Management (15%)
- Integrate a cluster with one or more directory services
- Nature of, and how to configure, access zones
- Object storage and Swift
- Isilon’s Hadoop implementation

User Authentication and File Access (13%)
- Managing User Identity Mapping
- Controlling user access to file data
- Configuring SMB shares
- Managing NFS exports

Storage Administration (17%)
- Implement and configure SmartPools
- Differentiate between node pools and tiers (disk pools)
- Configure and manage quotas
- Nature and use of snapshots
- Create SyncIQ configuration policies
- Cloud pools

Job Engine (8%)
- Job engine architecture
- Available jobs
- Job configuration and management

Monitoring (8%)
- Cluster event architecture
- Working with system events
- Nature and use of InsightIQ
- Obtaining statistics from the command line

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

Recommended Training
The following curriculum is recommended for candidates preparing to take this exam.

Please complete all of the following courses

<table>
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<tr>
<th>Course Title</th>
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<th>Mode</th>
<th>Available</th>
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<tr>
<td>Isilon Fundamentals</td>
<td>MR-1WN-ISILONFUND</td>
<td>eLearning</td>
<td>2/1/16</td>
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<tr>
<td>Isilon Installation and Initial Configuration</td>
<td>MR-7WP-ISIHI</td>
<td>eLearning</td>
<td>4/10/15</td>
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<tr>
<td>Isilon Administration and Management</td>
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<td>MR-9CP-ISILONADMNAADMIN</td>
<td>Instructor-Led</td>
<td>8/1/16</td>
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Note: These exam description details reflect contents as of **August 26, 2016**.

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