DELLTechnologies

Announcing DES-1B31 Specialist – System Administrator, ECS Exam Retirement

The **Specialist – System Administrator Version 1.0** certification (DES-1B21) will be updated on December 8, 2023 by a new certification offering. The new certification is **Dell ECS Operate 2023** (D-ECS-OE-23)

This certification is a part of the [new](#) Proven Professional framework focused on skill and outcome-based solutionscertifications that was announced on February 6th.

How will this impact you?

If you have already taken the aligned training or previously attempted the exam for the **Specialist – System Administrator, ECS Version 1.0** certification, plan to take the DES-1B31 exam by **January 4,2024.**

- [View the DES-1B31 exam description and practice test »](#)

Once achieved, your credential, Specialist – System Administrator, ECS Version 1.0, will notexpire.

If you're just beginning your certification journey, choose one of the new exams that aligns closest with the skills andknowledge you're looking to develop.

- [**Dell ECS Operate 2023** (D-ECS-OE-23) Exam Description and Practice Test »](#)

Specialist - Systems Administrator, ECS Version 1.0

Certification Description

Proven Professional
Website

Engage with your peers
in our Proven
Professional Community.

Certification Overview

This certification benefits any professional managing ECS solutions. The certification is supported by a core curriculum describing the ECS critical components, features, protocol integrations and product integrations when managing an ECS 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
    *   Associate - Information Storage and Management Version 4.0
    *   Associate - Information Storage and Management Version 5.0
    *   Associate - Cloud Infrastructure and Services Version 2.0
    *   Associate - Cloud Infrastructure and Services Version 3.0
    *   Associate - Cloud Infrastructure and Services Version 4.0

2. Pass the following Implementation Exam
    *   DES-1B31 Specialist – Systems Administrator, ECS Exam

Note: These details reflect certification requirements as of September 17, 2021.

Dell Technologies Partners: Achieving a certification validates capability; however, it does not imply authorization to deliver services. Services Delivery Competencies provide partners with the ability to deliver services under their own brand or co-deliver with Dell Technologies. Tiered partners are eligible to obtain services delivery competencies upon completing the specific requirements outlined in the enablement matrix. Only partners that have met these requirements should be delivering their own services in lieu of Dell Technologies Services.

*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.

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DES-1B31 Specialist – Systems Administrator, ECS Exam
Exam Description

Overview

This exam is a qualifying exam for the **Specialist - Systems Administrator, ECS (DCS-SA)** track.

This exam focuses on the knowledge and activities involved in managing and monitoring ECS solutions. This includes configuring ECS components, data client access and ECS product integrations with some Dell Technologies Data Protection products.

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:

- ECS 3.6
- Amazon S3
- Data Domain Cloud Tier 6.2
- OpenStack
- Isilon Cloud Pools 8.0.x
- Networker CloudBoost 9.1

Exam Topics

Topics likely to be covered on this exam include:

ECS Overview (13%)
- Describe ECS key features, functions and capabilities
- Describe ECS architecture and components
- Describe the ECS solution, including hardware configuration, typical single and multi-site deployments, and case scenarios

ECS Advanced Administration (38%)
- Describe how ECS packages and protects data within a site. Describe ECS failure handling and failover scenarios in single-site and multi-site environments
- Describe how to configure ECS using the portal, including creation of storage pools, VDCs, RGs, namespaces, users and buckets
- Describe how to configure ARM, ACLs, quotas, and retention policies on namespaces and buckets
- Describe ECS D@RE features and functionality and Active Directory integration with ECS
- Describe ECS monitoring and metering capabilities and Syslog support operations and Troubleshooting

Duration
90 Minutes
(~60 Questions)

Pass Score:
63%

Practice Test
Exam DES-1B31

ECS Data Client Access (29%)
- Describe ECS integration with Amazon S3, configuration and management using the ECS Portal, the Amazon S3 browser and REST APIs
- Describe ECS integration with OpenStack Swift, configuration and management using the management interfaces and APIs
- Describe the ECS configuration of object client applications such as Centera CAS and Hadoop HDFS
- Describe ECS NFS file features and functionality
- Describe ECS GeoDrive, Cloud DVR, ECS CLI, and REST API

ECS Integrated Solutions (20%)
- Describe the integration between ECS and Data Domain Cloud Tier, including use cases and configuration
- Describe the integration between ECS and Isilon CloudPools, including use cases and configuration
- Describe the integration between ECS and Networker with CloudBoost, including use cases and configuration

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

Please complete all of the following courses

Course Title	Course Number	Mode	Available
ECS Concepts and Features	MR-EWN-ETECSO	On-Demand	8/25/20
ECS Data Client Integration – Amazon S3	MR-1WN-ECSDCAAS3	On-Demand	12/16/17
ECS Data Client Integration – OpenStack	MR-1WN-ECSDCAOSW	On-Demand	1/17/17
Data Domain Cloud Tier and ECS Integrated Solution	MR-1WN-ECSDDCT	On-Demand	7/17/17
Isilon CloudPools and ECS Integrated Solution	MR-1WN-ECSICP	On-Demand	7/17/17
NetWorker with CloudBoost and ECS Integrated Solution	MR-1WN-ECSNWCB	On-Demand	7/17/17

Please complete one of the following courses

Course Title	Course Number	Mode	Available
ECS Administration	ESSTGS02852	Classroom	9/16/21
ECS Administration	ESSTGS02853	Virtual Classroom	9/16/21
ECS Administration	ESSTGD02854	On-Demand	9/16/21

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Note: These exam description details reflect contents as of September 17, 2021.

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