

## Dell ECS Operate 2023

### Certification Description



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#### Certification Overview

This certification is focused on the skills for an object storage administrator performing daily operations of the Dell ECS solution.

#### Certification Requirements

To successfully complete this certification, a candidate must:

1. Have a sufficient knowledgebase/skill set through hands-on product experience and/or by consuming the recommended training.
2. Pass the Dell ECS Operate 2023 exam.

Note: These details reflect certification requirements as of December 8, 2023.

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

**Dell Technologies Partners:** Achieving a certification validates capability; however, it does not imply authorization to deliver services. Services 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 Competencies upon completing the specific requirements outlined in the [Services Competencies Matrix](#). Only partners that have met these requirements should be delivering their own services in lieu of Dell Technologies Services.

## Exam Overview

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

## Products

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

- ECS 3.8
- Amazon S3
- Data Domain (DD) Cloud Tier 6.2
- Open Stack
- PowerScale CloudPools 9.x
- NetWorker CloudBoost 9.1

## Exam Topics

Topics likely to be covered on this exam include:

### **ECS Overview (22%)**

- Identify ECS key features, functions, and capabilities
- Differentiate ECS architecture and components
- Describe the ECS solution, including hardware configuration, typical single and multi-site deployments, and case scenarios
- Identify ECS D@RE features and functionality and Active Directory integration with ECS

### **ECS Administration (39%)**

- Define how ECS packages and protects data within a local site and federation
- Configure ECS using the portal
- Configure ARM, ACLs, quotas, or retention policies on namespaces and buckets
- Monitor an ECS solution for problems

### **ECS Data Client Access (30%)**

- Configure the ECS integration with Amazon S3 using the ECS Portal, the Amazon S3 browser, and REST APIs
- Configure the ECS integration with OpenStack Swift using the management interfaces and APIs
- Configure object client applications with ECS
- Configure ECS GeoDrive, ECS CLI, and REST API

### **ECS Integrated Solutions (9%)**

- Integrate ECS and Dell Cloud Tier
- Integrate ECS and Isilon CloudPools
- Integrate ECS and NetWorker with CloudBoost

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

## Duration

90 minutes

## Recommended Training

The following training is recommended for candidates preparing to take this exam.

Course Title	Course Number	Mode	Available
ECS Concepts and features	MR-EWN-ETEC SO	On-Demand	8/29/23
ECS Implementation	MR-7LN- ECSIMPLEMENT	Classroom & Virtual Class	5/13/20
ECS Implementation	ES503STG01698	Video ILT	5/13/20
ECS Administration	ESSTGS02853	Classroom &Virtual Class	11/30/23
ECS Administration	ESSTGD02854	On-Demand	11/30/23
ECS Data Client Access- Amazon S3	MR-1WN-ECS DCAAS3	On-Demand	1/12/17
Data Domain Cloud Tier and ECS Integrated Solution	MR-1WN-ECS DDCT	On-Demand	7/7/17
Networker with CloudBoost and ECS Integrated Solution	MR-1WN-ECS NWCB	On-Demand	7/7/17
ECS Data Client Access- OpenStack Swift	MR-1WN- ECS DCAOSW	On-Demand	1/23/17
Isilon CloudPools and ECS Integrated Solution	MR-1WN-ECS ICP	On-Demand	7/7/17

Note: These exam description details reflect contents as of December 8, 2023

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