

# Announcing DES-1B11 Specialist – Technology Architect, ECS Exam Update

The Proven Professional program will be announcing a new certification framework on February 6, 2023. As a part of the new framework, certifications will be aligned to a specific set of skills versus a singular track and will include new outcome-based solutions certifications.

To align, on February 6<sup>th</sup> we will be replacing the **Specialist – Technology Architect, ECS Version 1.0** certification (DES-1B11) with **Dell ECS Design 2023** (D-ECS-DS-23). There will be NO CHANGE to the training or exam content aligned to the original certification. We are leveraging the existing training and exam content for the new certification.

## How will this impact me?

If you are currently scheduled to take the exam for the **Specialist – Technology Architect, ECS Version 1.0** (DES-1B11) certification, we will continue delivery through February 28, 2023.

- [View the Exam Description and Practice Test »](#)

Once achieved, your credential, Specialist – Technology Architect, ECS Version 1.0, will not expire.

If you have not yet scheduled your exam, be sure to register for **Dell ECS Design 2023** (D-ECS-DS-23) on or after February 6, 2023.

- [View the Exam Description and Practice Test »](#)

## Specialist - Technology Architect, ECS Version 1.0

### Certification Description



[Proven Professional Website](#)

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#### Certification Overview

This Proven certification provides specialist level certification for those working to design and size an ECS solution for a particular customer workflow. This is focused on sales and architect partners and internals to understand the details of the ECS solution, and the capabilities and particulars of designing an object storage solution.

#### Certification Requirements

To complete the requirements for this certification you must:

1. Achieve one of the following certifications\*
  - 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 Specialist exam
  - [DES-1B11 Specialist – Technology Architect, ECS Exam](#)

Note: These details reflect certification requirements as of October 14, 2022.

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.

## DES-1B11 Specialist - Technology Architect, ECS Exam

### Exam Description



#### Overview

This exam is the qualifying exam for **Specialist - Technology Architect, ECS (DCS-TA)** certification.

This exam focuses on architectural and design principles that facilitate providing a solution that meets customer requirements. This exam covers the technical components, hardware and software of the ECS product. The exam also covers basic sizing techniques and associated tools when building an ECS Solution to meet real world applications.

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

Concepts likely to be referred to on this exam include but are not limited to the topic and features through:

- ECS 3.7

#### Duration

90 Minutes  
(~60 Questions)

Pass Score: 63%

#### Practice Test

Exam - [DES-1B11](#)

#### Exam Topics

Topics likely to be covered on this exam include:

##### ECS Solution Design Platform Architecture (20%)

- Recommend activities performed in the end-to-end process of solutions design
- Identify the node type for a given workflow or use case
- Determine the hardware requirements for a given use case or workflow

##### ECS Solution Design Networking (20%)

- Design an ECS networking solution to meet requirements or use cases
- Recommend the appropriate network separation deployments
- Differentiate the load balancer types and methods

##### ECS Solution Design Data Management (20%)

- Recommend a configuration of the ECS storage abstractions
- Differentiate between protection/replication configurations
- Design resiliency for potential failure scenarios

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### **ECS Solution Design Cluster Access (20%)**

- Identify the use cases for client protocols
- Design a multi-tenant solution using the ECS isolation features
- Identify the access control required to implement data permissions for ECS client access
- Identify the use cases for data compliance and retention

### **ECS Solution Design Monitoring and Performance (20%)**

- Recommend the most appropriate monitoring capabilities for the situation
- Identify factors that impact performance

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 the following course**

Course Title	Course Number	Mode	Available
ECS Concepts and Features	MR-EWN-ETEC SO	On Demand	8/22/2022

#### **Please complete one of the following courses**

Course Title	Course Number	Mode	Available
ECS Solution Design - Platform Architecture	ES502STG01880	On Demand	9/16/2022
ECS Solution Design - Networking	ES502STG02067	On Demand	9/16/2022
ECS Solution Design - Cluster Access	ES502STG02069	On Demand	9/16/2022
ECS Solution Design - Data Management	ES502STG02068	On Demand	9/16/2022
ECS Solution Design - Monitoring and Performance	ES502STG02066	On Demand	9/16/2022
ECS Solution Design - Verticals	ESSTGD04180	On Demand	9/16/2022

Note: These exam description details reflect contents as of October 14, 2022.

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

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