

## Specialist - Implementation Engineer, Avamar Version 9.0

### Certification Description



[Proven Professional Website](#)

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#### Certification Overview

This certification will benefit any Implementation Engineer and/or Avamar professional implementing or managing the Avamar product. The learning path focuses on Avamar Concepts, Avamar Implementation, and Avamar Administration. Topics include use cases, system architecture, components, monitoring, maintenance, capacity management, backup, restore, replication, AVE and ADS installation, implementation, maintenance, and best practices. The exam also covers the Cloud Tier solution, the Avamar Fitness Analyzer, and integration of Avamar with Data Domain and NDMP.

#### 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 2.0
  - Associate - Information Storage and Management Version 3.0
  - Associate - Information Storage and Management Version 4.0
  - Associate - Data Protection and Management Version 1.0
2. Pass the following Specialist exam on or after July 31, 2020:
  - [E20-594 Specialist - Implementation Engineers, Avamar Exam](#)

Note: These details reflect certification requirements as of July 31, 2020.

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.

**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.

#### Other Certification Recommendations

Once you have achieved this Certification you may be interested in:

- [Specialist – Implementation Engineer, NetWorker Version 7.0](#)
- [Specialist – Implementation Engineer Data Domain Version 2.0](#)

**Dell Inc.**  
Hopkinton  
Massachusetts  
01748-9103  
1-508-435-1000  
In North America  
1-866-464-7381

## E20-594 Specialist – Implementation Engineer, Avamar Exam

### Exam Description



#### Duration

90 Minutes  
(60 Questions)

Pass Score: 63

#### Practice Test

Exam - [E20-594](#)

#### Dell Inc.

Hopkinton  
Massachusetts  
01748-9103  
1-508-435-1000  
In North America  
1-866-464-7381

#### Overview

This exam is a qualifying exam for the **Specialist - Implementation Engineer, Avamar (DCS-IE)** track.

This exam focuses on ensuring individuals are knowledgeable in Avamar concepts and terminology. The exam requires the successful candidate to demonstrate the knowledge required to implement and configure an Avamar backup solution in single and multi-node environments. This exam covers Avamar Concepts, Avamar Implementation, and Avamar Administration. The exam also covers the Cloud Tier solution, the Avamar Fitness Analyzer, and integration of Avamar with Data Domain and NDMP.

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:

- Avamar v19.2 software
- Avamar Data Store Gen4T
- Avamar Virtual Edition v19.2
- Avamar NMDP Accelerator

#### Exam Topics

Topics likely to be covered on this exam include:

##### Avamar Concepts (18%)

- Identify use cases where Avamar can be used
- Give examples of how to use Avamar to address the use cases
- List Avamar features and capabilities
- Describe Avamar system architecture and components
- Explain the key concepts required to administer and use Avamar

##### Avamar Implementation (13%)

- Explain Avamar Virtual Edition solution
- Understand the prerequisites for Avamar Installation and Upgrade
- Explain Avamar Installation procedures, best practices, and understand licensing options
- Explain Avamar Upgrade procedures and best practices

##### Avamar Installation and Maintenance (24%)

- Describe Avamar Data Store (ADS) solution
- Install Avamar Data Store hardware
- Explain the node replacement and node addition processes
- Summarize how to connect Avamar Data Store to the customer network

#### Avamar Administration (45%)

- Identify Avamar tools for system monitoring, maintenance, and capacity management
- Navigate through the Avamar Web User Interface (AUI)
- Configure and perform backups and restores
- Configure and run Avamar replication solutions
- Configure and run Cloud Tier solution
- Identify best practices for configuring an Avamar backup environment
- Explain and conduct Avamar server daily maintenance activities
- Explain Avamar Fitness Analyzer and its functionalities
- Integrate Avamar with Data Domain and NDMP

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 choose one of the options below.

#### Option 1: Please complete the following courses

Course Title	Course Number	Mode	Available
Avamar Concepts	MR-1WN-AVAM	On Demand Course	3/11/20
Avamar Implementation	ES102DPS01503	On Demand Course	3/25/2020
Avamar Implementation On-Demand Lab	ES102DPS01702	On Demand Lab	3/25/20
Avamar Administration	ES102DPS01502	On Demand Course	4/17/20
Avamar Administration On-Demand Lab	ES102DPS01701	On Demand Lab	04/17/20
Avamar Installation and Maintenance	MR-7WP-ADS	On Demand Course	5/8/2020

#### Option 2: Please complete the following courses

Course Title	Course Number	Mode	Available
Avamar Implementation and Administration	MR-7CP-AVAM633 OR MR-7LP-AVAM633	Classroom OR Virtual Classroom	05/19/20
Avamar Installation and Maintenance	MR-7WP-ADS	On Demand Course	5/8/2020

Note: These exam description details reflect contents as of **July 31, 2020**.

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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