



E20-594

DECS-IE

A Success Guide to Prepare-  
Dell EMC Avamar Specialist for Implementation Engineers

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# Introduction to E20-594 Exam on Dell EMC Avamar Specialist for Implementation Engineers

Use this quick start guide to collect all the information about Dell EMC Avamar Specialist (E20-594) Certification exam. This study guide provides a list of objectives and resources that will help you prepare for items on the E20-594 Dell EMC Avamar Specialist for Implementation Engineers exam. The Sample Questions will help you identify the type and difficulty level of the questions and the Practice Exams will make you familiar with the format and environment of an exam. You should refer this guide carefully before attempting your actual Dell EMC DECS-IE certification exam.

The Dell EMC Avamar Specialist certification is mainly targeted to those candidates who want to build their career in Avamar domain. The Dell EMC Certified Specialist - Implementation Engineer - Avamar (DECS-IE) exam verifies that the candidate possesses the fundamental knowledge and proven skills in the area of Dell EMC DECS-IE.

## Dell EMC E20-594 Certification Details:

Exam Name	Dell EMC Certified Specialist - Implementation Engineer - Avamar (DECS-IE)
Exam Code	E20-594
Exam Price	\$200 (USD)
Duration	90 mins
Number of Questions	60
Passing Score	63%
Books / Training	Avamar Fundamentals (MR-1WN-AVAM) Avamar Data Store Hardware Installation (MR-7WP-ADS) Avamar Virtual Edition Overview (MR-1WN-AVAM136) Avamar Management, Installation and Configuration (MR-7CP-AVAM633) Avamar Management, Installation and Configuration – Online ILT (MR-7LP-AVAM633) Avamar Management, Installation and Configuration – Video ILT (MR-7TP-AVAM633-1504)
Schedule Exam	<a href="#">Pearson VUE</a>
Sample Questions	<a href="#">Dell EMC Avamar Specialist Sample Questions</a>
Practice Exam	<a href="#">Dell EMC E20-594 Certification Practice Exam</a>

## Dell EMC E20-594 Exam Syllabus:

Topic	Details	Weights
Avamar Fundamentals	<ul style="list-style-type: none"> <li>- List EMC Avamar features and functionality</li> <li>- Illustrate EMC Avamar system architecture, components and processes</li> <li>- Describe Avamar server daily maintenance activities (for example: HFS checks, checkpoints, and garbage collection)</li> </ul>	15%
Avamar Virtual Edition	<ul style="list-style-type: none"> <li>- Explain EMC Avamar Virtual Edition solutions</li> </ul>	10%
Avamar Data Store Hardware Installation	<ul style="list-style-type: none"> <li>- Describe EMC Data Store solutions</li> <li>- Install EMC Avamar Data Store hardware</li> </ul>	9%
Avamar Installation and Configuration	<ul style="list-style-type: none"> <li>- Demonstrate considerations for building an EMC Avamar server (for example: hardware requirements, sizing, and utilities)</li> <li>- Install EMC Avamar systems (for example: RAIN, non-RAIN)</li> <li>- Demonstrate the Avamar system migration process</li> <li>- Conduct the node replacement and node addition processes</li> </ul>	28%
Avamar Management	<ul style="list-style-type: none"> <li>- Identify Avamar tools for system monitoring, maintenance, and capacity management</li> <li>- Configure and perform backups and restores</li> <li>- Configure and run EMC Avamar replication solutions</li> <li>- Identify best practices for configuring an Avamar backup environment (for example: scheduling)</li> <li>- Explain and conduct Avamar server daily maintenance activities (for example: HFS checks, checkpoints, and garbage collection)</li> <li>- Integrate Avamar with Data Domain, database/e-mail/clustered applications, NDMP, and Virtual environments</li> </ul>	38%

## E20-594 Sample Questions:

**01. Where is the metadata stored, when a Dell EMC Avamar is integrated with Data Domain?**

- a) Avamar server
- b) Data Domain
- c) Avamar Client
- d) Cloud

**02. An administrator started an on-demand backup of a Dell EMC Avamar client. The backup is running low on performance, the daily scheduled backup**

**for the same client is completing properly. What is a possible cause for the issue?**

- a) On-demand backups initiate a consistency check before the actual client backup
- b) On-demand backups in Avamar are generally slower than the scheduled backup
- c) On-demand backups are triggered while garbage collection is running
- d) On-demand backups will not check hash cache so more data is sent to the Avamar server

**03. What is a characteristic of a Dell EMC Avamar Gen4T Data Store?**

- a) Internal switches are also connected to the customer network
- b) Additional nodes can be added, starting from the top to the bottom
- c) Bypass the internal switch by connecting directly to the customer switch
- d) All multi-node Avamar servers are installed with two internal switches

**04. You want to install a 1 TB Dell EMC Avamar Virtual Edition (AVE) on a VMware ESXi 5.5 server. What is the minimum physical memory that needs to be allocated to the AVE?**

- a) 4 GB
- b) 6 GB
- c) 8 GB
- d) 16 GB

**05. When cabling a Dell EMC Avamar Gen4T utility node, which two network ports are connected to internal switches for high availability?**

- a) SLIC0NIC0 and SLIC0NIC1
- b) SLIC0NIC2 and SLIC0NIC3
- c) SLIC1NIC0 and SLIC1NIC1
- d) SLIC1NIC2 and SLIC1NIC3

**06. What are the four stripe file types that Dell EMC Avamar uses for backup data storage organization?**

- a) Index, atomic, composite, and hash
- b) Atomic, composite, index, and data
- c) Atomic, composite, index, and parity
- d) Composite, index, hash, and root

**07. You have been asked to configure replication on a Dell EMC Avamar 7.3 Gen4S M2400 multi-node server from site A to another Avamar Gen4T M2400 multi-node server running the newest code on Site B.**

**Which scenario accurately describes this process?**

- a) Replication is possible, source has newer Avamar version than destination
- b) Replication is possible, destination has newer Avamar version than source
- c) Replication is not possible, destination has newer Avamar version than source
- d) Replication is not possible, source and destination Avamar version must be the same only

**08. Dell EMC Avamar support requested a node transplant of a Gen4S M2400 storage node. What is a cause for this request?**

- a) Memory DIMM failed in the node
- b) Power supply failed

- c) /data01 file system got corrupted
- d) Single disk failed

**09. On which TCP port does avagent listen in a Dell EMC Avamar Client?**

- a) 7778
- b) 27000
- c) 28001
- d) 28002

**10. Which commands are used to view the Dell EMC Avamar maintenance activity logs?**

- a) avtar and dumpmaintlogs
- b) avmaint and dumpmaintlogs
- c) avmaint and mccli
- d) avtar and mccli

**Answers to E20-594 Exam Questions:**

Question: 01 Answer: a	Question: 02 Answer: c	Question: 03 Answer: d	Question: 04 Answer: c	Question: 05 Answer: d
Question: 06 Answer: c	Question: 07 Answer: b	Question: 08 Answer: a	Question: 09 Answer: d	Question: 10 Answer: b

Note: If you find any typo or data entry error in these sample questions, we request you to update us by commenting on this page or write an email on [feedback@edusum.com](mailto:feedback@edusum.com)