

Specialist – Technology Architect, Data Protection Version 1.0

Certification Description



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Certification Overview

This certification formally validates the Specialist level skills necessary to recommend and design data protection solutions using the latest Dell EMC Data Protection products and become a trusted advisor to customers.

Certification Requirements

To complete the requirements for this certification you must:

1. Achieve one of the following Associate level certifications*
 - Associate - Data Protection and Management Version 1.0
 - Associate - Data Protection and Management Version 2.0
 - Associate - Backup Recovery
 - Associate - Information Storage and Management Version 2.0
 - Associate - Information Storage and Management Version 3.0
 - Associate - Information Storage and Management Version 4.0
2. Pass the following Specialist exam on or after November 02, 2018:
 - [DES-3611 Specialist – Technology Architect, Data Protection Exam](#)

Note: These details reflect certification requirements as of November 02, 2018.

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-3611 Specialist – Technology Architect, Data Protection Exam

Exam Description



Overview

This exam is a qualifying exam for the **Specialist – Technology Architect, Data Protection (DCS-TA) track**.

This exam focuses on recommending and designing data protection solutions using the latest Dell EMC 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:

Data Domain 6.1	NetWorker 18.1
Avamar 18.1	DPA 18.1
Data Protection Suite for Applications 4.6	Enterprise Copy Data Management 2.1
IDPA 2.2/2.3	RecoverPoint 5.1
RecoverPoint for VMs 5.1	Data Domain Cloud Disaster Recovery 18.1
NetWorker Virtual Edition 18.1	Cloud Snapshot Manager July/2018
Avamar Virtual Edition 18.1	Data Domain Virtual Edition 4.0
Isolated Recovery Solution 1.0	

Exam Topics

Topics likely to be covered on this exam include:

Dell EMC Data Protection Product Features, Functions, Software-based Architectures and/or Components (31%)

- Identify and describe the available tools and services to assess a customer's environment for a data protection solution
- Describe the Dell EMC Cloud Data Protection Solutions features, functions, and/or architecture/components
- Describe the Dell EMC Data Domain features, functions, and/or architecture/components

Duration

120 Minutes
(65 Questions)

Pass Score: 60

Practice Test
[Exam DES-3611](#)

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- Describe the Dell EMC NetWorker features, functions, and/or architecture/components
- Describe the Dell EMC RecoverPoint and RecoverPoint for Virtual Machines (VMs) features, functions, and/or architecture/components
- Describe the Dell EMC Integrated Data Protection Appliances (IDPA) features, functions, and/or architecture/components
- Describe the Dell EMC Data Protection Suite for Applications (DPS) features, functions, and/or architecture/components
- Describe the Dell EMC Isolated Recovery Solutions features, functions, and/or architecture/components

Dell EMC Data Domain Solutions Design (8%)

- Identify and describe the best practices for capacity planning, performance tuning, sizing, and designing a Dell EMC Data Domain data protection solution

Dell EMC NetWorker Solutions Design (8%)

- Explain Dell EMC NetWorker capacity planning and performance tuning
- Identify and describe the best practices for sizing and designing a Dell EMC NetWorker data protection solution

Dell EMC Avamar Solutions Design (7%)

- Explain Dell EMC Avamar capacity planning and performance tuning for a data protection solution
- Identify and describe the features, functions, and the best practices for sizing and designing a Dell EMC Avamar data protection solution

Dell EMC RecoverPoint and RecoverPoint for Virtual Machines (VMs) Solutions Design (17%)

- Explain the replication concepts and replication planning for a Dell EMC RecoverPoint and Dell EMC RecoverPoint for VMs data protection solution
- Explain Dell EMC RecoverPoint and Dell EMC RecoverPoint for VMs capacity planning for a data protection solution
- Identify and describe the best practices for designing a Dell EMC RecoverPoint and Dell EMC RecoverPoint for VMs data protection solution

Dell EMC Cloud Data Protection Solutions Design (8%)

- Explain Dell EMC Cloud Data Protection capacity planning and performance tuning for a data protection solution
- Identify and describe the best practices for sizing and designing a Dell EMC Cloud Data Protection solution

Dell EMC Integrated Data Protection Appliances (IDPA) Solutions Design (9%)

- Explain Dell EMC Integrated Data Protection Appliances (IDPA) deployment planning and performance tuning
- Identify and describe the best practices for sizing and designing a Dell EMC Integrated Data Protection Appliances (IDPA) solution

Dell EMC Data Protection Suite for Applications (DPS) Solutions Design (6%)



- Identify and describe Dell EMC Data Protection Suite for Applications (DPS) integration planning considerations and best practices

Solutions Design using Dell EMC Isolated Recovery Solutions Design (6%)

- Identify and describe Dell EMC Isolated Recovery Solutions licensing, design considerations, and best practices for a data protection solution

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.

The following courses are recommended prerequisites

Course Title	Course Number	Mode	Available as of
Data Domain Fundamentals	MR-1WP-DDFUND	On-Demand Course	7/1/18
Integrated Data Protection Appliance Fundamentals	MR-1WN-IDPAFUN	On-Demand Course	7/1/18
NetWorker Fundamentals	MR-1WP-NWFUN	On-Demand Course	7/1/18
Avamar Fundamentals	MR-1WN-AVAM	On-Demand Course	7/1/18
RecoverPoint Fundamentals	MR-1WP-RPFD	On-Demand Course	7/1/18
Application Protection and Data Management Fundamentals	MR-1WN-APDMFUN	On-Demand Course	7/1/18
Isolated Recovery Services Overview	MR-7WN-IRSOVW	On-Demand Course	7/1/18
Cloud Snapshot Manager - July 2018 increment Recorded Knowledge Transfer	MR-NWN-KTCSMJ8	On-Demand Course	7/1/18
Avamar Virtual Edition Overview	MR-1WN-AVAM136	On-Demand Course	7/1/18
Data Domain Virtual Edition Fundamentals	MR-1WN-DDVEFUN	On-Demand Course	7/1/18

Please complete all of the following courses

Course Title	Course Number	Mode	Available as of
Dell EMC Data Protection Specialist Level Overview	ES131DPS00269	On-Demand Course	9/24/18

Dell EMC Data Protection Solution Design Knowledge Check	ES171DPS00270	On-Demand Course	9/24/18
Dell EMC Data Protection Overview	ES131DPS00271	On-Demand Course	9/24/18
Dell EMC Data Protection Solution Design Foundations	ES132DPS00272	On-Demand Course	8/16/18
Data Domain Solutions Design	ES132DPS00273	On-Demand Course	8/16/18
Designing Solutions using Dell EMC Data Protection Suite for Applications	ES132DPS00279	On-Demand Course	8/16/18
Integrated Data Protection Appliances Solutions Design	ES132DPS00274	On-Demand Course	9/24/18
Designing Solutions using Dell EMC NetWorker	ES132DPS00275	On-Demand Course	9/24/18
Designing Solutions using Dell EMC Avamar	ES132DPS00276	On-Demand Course	9/24/18
Designing Solutions using Dell EMC Recover Point	ES132DPS00277	On-Demand Course	9/24/18
Designing Solutions using Dell EMC Recover Point for VMs	ES532DPS00439	On-Demand Course	8/16/18
Designing Dell EMC Cloud Data Protection Solutions	ES132DPS00278	On-Demand Course	9/24/18
Designing Solutions using Dell EMC Isolated Recovery Solutions.	ES132DPS00280	On-Demand Course	9/24/18
Dell EMC Data Protection Solution Design Challenge	ES172DPS00281	On-Demand Course	9/24/18
Dell EMC Data Protection Expert Role	ES531DPS00282	On-Demand Course	9/24/18

Note: These exam description details reflect contents as of **November 02, 2018**.

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



Dell Technologie believes the information in this document is accurate as of its publication date. The information is subject to change without notice.