

Associate – PowerEdge Version 2.0

Certification Description



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Certification Overview

This certification validates the ability understand servers and their associated technologies, networking, applications, maintenance, and security specifically for Dell EMC PowerEdge Server products.

Certification Requirements

To complete the requirements for this certification you must:

1. Pass the following Exam
 - [DEA-41T1 Associate - PowerEdge Exam](#)

Note: These details reflect certification requirements as of June 19, 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.

Other Certification Recommendations

This certification will qualify towards the following Specialist level certifications in the Dell EMC Proven Professional Program

- [Specialist - Implementation Engineer, PowerEdge](#)
- [Specialist - Implementation Engineer, PowerEdge MX Modular](#)
- [Specialist - Implementation Engineer, PowerEdge M1000e, FX, VRTX](#)
- [Specialist - Systems Administrator, OpenManage Enterprise](#)
- [Specialist - Infrastructure Security](#)

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

DEA-41T1 Associate – PowerEdge Exam

Exam Description



Duration

90 Minutes
(60 Questions)

Pass Score: 63

Practice Test

Exam [DEA-41T1](#)

Dell Inc.
Hopkinton
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01748-9103
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1-866-464-7381

Overview

This exam is a qualifying exam for the **Associates - PowerEdge** track.

This exam focuses on basic server technology knowledge, networking, applications, maintenance, and security specifically for Dell EMC PowerEdge Server 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:

- PowerEdge Rack Servers
- PowerEdge Tower Servers

Exam Topics

Topics likely to be covered on this exam include:

Introduction to Servers (28%)

- Define the Server, identify the types of servers and their form factors
- Explain how various storage technologies are used in servers
- Explain in RAID concepts
- Explain the steps to set up a server
- Identify the types of Server Operating Systems and explain the installation procedure

Server Networking (12%)

- Identify networking hardware and cables
- Explain the concept of IP Addressing
- Define various network services

Server Applications (17%)

- Define several common server roles
- Identify and explain common Dell Technologies and Microsoft Windows tools for monitoring server hardware
- Explain the concept and benefits of server virtualization

Server Maintenance (37%)

- Identify server components and their roles
- Identify and describe server management tasks and management tools
- Define Power supply of a server and configure it
- Explain the environment needed for servers and define server maintenance

- Explain common troubleshooting methods and tools for Dell EMC servers
- Explain server configuration management

Server Security (7%)

- Describe best practices and methods of securing and performing backups
- Identify and describe best practices for performing data backups

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.

Dell EMC Employees:

Please complete the following course

Course Title	Course Number	Mode	Available
Dell EMC PowerEdge Server Concepts	SV_SYS_1122	On-Demand	4/24/20

Dell EMC Partner and Customer audiences:

Please complete one of the following courses

Course Title	Course Number	Mode	Available
Dell EMC PowerEdge Server Concepts	US and Canada: DESNOLT-819-9836	On-Demand	5/31/20
	LATAM: DESNOLT-819-9835		
	Brazil: DESNOLT-819-9834		
	EMEA: DESNOLT-706-12885		
	APJ: DESNOLT-706-12891		

Note: These exam description details reflect contents as of **June 19, 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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