

Associate – PowerEdge Version 1.0

Certification Description



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Certification Overview

This certification validates the ability to perform intermediate skill level tasks in installing, configuring, maintaining and troubleshooting 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 22, 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.

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 – Systems Administrator, OpenManage Enterprise

DEA-41T1 Associate – PowerEdge Exam

Exam Description



Duration

90 Minutes
(60 Questions)

Pass Score: 63

Practice Test

Exam [DEA-41T1](#)

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 **Associates - PowerEdge** track.

This exam focuses on basic server technology knowledge and skills to install, configure, manage, and perform troubleshooting diagnostics on the Dell EMC PowerEdge Server platform.

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:

Server Installation and Upgrades (35%)

- Explain the steps to install a rack system
- Explain how various storage technologies are used in servers
- Explain basic RAID concepts
- Explain the basic steps to set up a typical server
- Explain how common server operating systems are supported

Basic Networking for Servers (5%)

- Explain server to network cabling, IP addressing, and the role of DNS
- Explain the concept of IP Addressing
- Define DNS and the role it plays on the network

Server Roles and Services (20%)

- Define several common server roles
- Explain the concept of DAS, NAS, and SAN
- Identify and explain common Dell EMC and Windows tools for monitoring server hardware
- Explain the concept and purpose of server virtualization

Basic Server Management (35%)

- Explain major server components and their role
- Explain common maintenance tasks on a server
- Understand server PSUs and the concepts of power redundancy

- Explain common troubleshooting methods and tools for Dell EMC servers
- Identify and describe server management tasks and software
- Explain server configuration management

Security Best Practice (5%)

- 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 and Products	SV_SYS_1122	eLearning	6/28/2018

Dell EMC Partner and Customer audiences:

Please complete the following course

Course Title	Course Number	Mode	Available
Dell EMC PowerEdge Server Concepts and Products	DESNOLT-819-9836	eLearning	6/28/2018

Note: These exam description details reflect contents as of **June 22, 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.

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