



Dell Certified Professional - Networking

Certification Description



Overview

This certification validates the ability to perform intermediate to advanced skill level tasks in deploying Dell EMC Networking products.

Certification Requirements

To complete the requirements for this certification you must

1. **(OPTIONAL)** Achieve the following Associate level certification:

Dell Certified Associate - Networking

2. Pass the following Professional exam on or after March 30, 2018:

[DNDNS-200 Networking Professional Exam](#)

[Proven Professional Website](#)

[Proven Professional Community](#)

Note: These details reflect certification requirements as of **March 30, 2018**.

Dell Certified Professional – Networking certification has a two-year recertification policy. Within that two-year window, a credential is considered active. Please refer to the Policies and Procedures document on the Dell EMC Proven Professional website for more information.

The Proven Professional Program periodically updates certification requirements. Please check the [Dell EMC Certification](#) website regularly for the latest information.

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



DNDNS-200 Dell Networking Professional Exam

Exam Description



Duration

75 Minutes
(60 Questions)

Pass Score:

700 (out of possible 900)

[Practice Test
Networking Professional](#)

[Study Guide
Networking Professional](#)

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Hopkinton
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Overview

This exam is a qualifying exam for the **Dell Certified Professional - Networking** track.

This exam focuses on installing, configuring, validating and troubleshooting Dell EMC Networking products.

Dell EMC 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:

- Dell EMC N Series, S Series, C Series, and Z Series Networking switches

Exam Topics

Topics likely to be covered on this exam include:

Pre Site and On Site (9%)

- Analyze a network deployment or cutover plan and evaluate that provided information equipment and customer infrastructure supports the deployment or cutover plan.

Physical Installation (14%)

- Compare plan with the inventory
- Identify Proper component placement
- Verify switch hardware and cabling.
- Verify switch completes power-on procedure without errors.

Configure (40%)

- Explain the firmware upgrade process.
- Identify appropriate commands to configure control and management plane protocols.
- Explain the concepts to configure switch parameters.
- Identify appropriate commands to configure VLANs, spanning tree, dynamic protocols, LACP, ACLs, static routing, IPv4 multicast, VLT/MLAG
- Explain switch stacking concepts.

Validation (25%)



- Analyze output of operational show commands and reachability tests.
- Interpret a CLI response to verify expected configuration
- Evaluate if VLANs, spanning tree, routing and switch protocol, function as expected.
- Verify VLT/MLAG functionality and configuration.

Troubleshooting (12%)

- Assess the environment to determine appropriate troubleshooting steps.
- Analyze output of operational ping, traceroute, DNS, DHCP, link state indicators, and show commands and reachability tests.
- Interpret the device indicators to include LEDs, console display, physical condition, etc. to identify hardware failure.

The percentages after each topic above reflects the approximate distribution of the total question set across the exam.

Recommended prior hands-on experience

Candidates taking this exam will have experience in deploying and/or managing Dell Networking Hardware for a recommendation of one year, with additional industry experience of one to three years. They should also possess an understanding of configuration and troubleshooting of network technologies, and knowledge on Dell deployment process and tools. The MQC will be able to perform typical deployment and/or cutover and integration with little or no assistance.

Recommended Training

Combined with hands-on experience, the recommended curriculum below will provide you with the knowledge and skills to help preparing for this exam.

Please complete [one / all] of the following courses:

Course Title	Course Number	Mode	Available as of
Dell Networking Planning	NT_SYS_3042	Virtual Instructor-Led	October 18, 2016
Dell Networking Installation and Configuration	NT_SYS_3041	Virtual Instructor-Led	October 18, 2016

Study Guide

The Study Guide provides an overview of each topic on the Dell EMC Networking Professional certification exam and a list of technical resources for detailed information about each topic. Candidates should use the resources for further study and exam preparation. The Study Guide can be accessed [here](#).

Note: These exam description details reflect contents as of **March 30, 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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[Exam Description]

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