



Announcing DEE-1721 Expert – SC Series Exam **retirement**

The **DEE-1721 exam** that supports the Expert – SC Series certification **will retire on July 31, 2020.**

[View the DEE-1721 exam description and practice test »](#)

Your credential 'Expert – SC Series' once achieved, will have a two-year validity period.

Expert - SC Series

Certification Description



[Proven Professional Website](#)

[Education Services Community](#)

Certification Overview

This certification validates the ability to perform intermediate to advanced skill level tasks in deploying, management and troubleshooting the Dell EMC SC Series storage products.

Certification Requirements

To complete the requirements for this certification you must:

1. Achieve the following Specialist level certification*
 - Specialist – Implementation Engineer, SC Series 1.0 ([DES-1721 Specialist – Implementation Engineer, SC Series Exam](#))
2. Pass the following Implementation Exam
 - [DEE-1721 Expert - SC Series Exam](#)

Note: These details reflect certification requirements as of April 27, 2018.

Dell Certified Professional Expert and Master certifications have two-year validity. 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 [Proven Professional CertTracker](#) website regularly for the latest information and for other options to meet the Associate level requirement.

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

DEE-1721 Expert - SC Series Exam

Exam Description



Duration

120 Minutes
(~60 Questions)

Pass Score: 60

Practice Test

[Exam DEE-1721](#)

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Overview

This exam is a qualifying exam for the **Expert - SC Series** track.

This exam focuses on the knowledge and activities involved in installing, initializing, configuring, testing, updating, upgrading and troubleshoot the hardware and software of the Dell EMC SC Series Storage 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:

SC Series Storage DSM 2015, SCOS 6.X, the SC4020 and the SC8000

Exam Topics

Topics likely to be covered on this exam include:

Dell SC Series Physical Hardware Installation (12%)

- Describe the steps for installing add-ons
- Describe how to properly cable the storage environment

Dell SC Series Storage Array Initialization (19%)

- Explain how to update the SC Series firmware through an ISO image
- Describe how to initialize SC Series controllers
- Identify and describe the information required to complete the SC Series Setup Wizard
- Identify and describe how to replace existing SC Series controllers with a new controller using documented procedures

Dell SC Series Array Configuration (40%)

- Identify and describe how to install and configure Dell Storage Manager
- Identify and evaluate SC Series utilization
- Describe how to configure volume(s) and volume folders
- Identify and describe the correct method and settings to set up replication
- Determine and describe how to set up replay (snapshot) and storage profiles, and/or redundancy settings for the SC Series environment
- Describe how to configure the SC Series array settings for different workloads
- Explain how to configure an SC Series for performance and reliability, and how to monitor an SC Series environment using alerts
- Identify and describe the standard, On-demand Data Progression cycle on an SC Series

Dell SC Series Front-End Storage Networking Configuration (12%)



- Identify and describe how to configure and optimize SC Series performance and reliability for an iSCSI network
- Describe how to configure Fibre Channel zoning on an SC Series
- Evaluate and determine the correct fault domains to apply on an SC Series

Dell SC Series Host Configuration and Attachment (11%)

- Identify and describe the host integration tool options available for host configurations
- Identify and describe how to map and mount SC Series volumes to attached hosts through iSCSI, Fibre Channel, or SAS
- Identify and describe how to optimize the host for storage performance

Dell SC Series Failover Testing (6%)

- Identify and describe how to perform failover testing in an SC Series SAN environment

Recommended prior hands-on experience

Candidates taking this exam are preferred to have experience in deploying and/or managing Dell SC series hardware and software for at least one year. The candidate should have a basic understanding of networking technologies for iSCSI and fiber channel implementations. They should also possess knowledge of fundamental storage technologies. It is also recommended they be able to perform basic administrative tasks within supported operating systems.

Recommended Training

The following curriculum is recommended for candidates preparing to take this exam.

Dell EMC Employees:

Please complete the following courses

Course Title	Course Number	Mode	Available
Storage Planning and Design for Planning Engineers – Applications and Operating Systems	ST_SFT_2048	e-Learning	October 18, 2016
Storage Planning and Design for Planning Engineers – SC Series	ST_SFT_2050	e-Learning	October 18, 2016
Storage Planning and Design for Planning Engineers SC Series Workshop	ST_SYS_2087	Virtual Instructor-Led	October 18, 2016
OR			
Storage Planning and Design for Planning Engineers SC Series Workshop [On Demand]	ES501STG00329	e-Learning	May 11, 2018
Dell Storage Center Overview	ST_SYS_1042	e-Learning	October 18, 2016
Dell Storage SC - Install Configure 7.x	ST_SYS_3039	Virtual Instructor-Led	October 18, 2016
OR			
Dell Storage SC - Install Configure 7.x [On Demand]	ES502STG00227	e-Learning	May 11, 2018



Dell EMC Partner and Customer audiences:

Please complete the following courses

Course Title	Course Number	Mode	Available
Storage Planning and Design for Planning Engineers – SC [On Demand]	ES531STG00329	eLearning	May 11, 2018
OR			
Dell SC Series Planning Training with eLearning	DESILT-804-6465	eLearning + Virtual Instructor-Led	October 18, 2016
Dell Storage SC Install Configure and Manage with SCOS 7.x and DSM 2016 R2 [On Demand]	ES532STG00227	eLearning	May 11, 2018
OR			
Dell SC Series installation and Configuration Training with eLearning	DESILT-804-6464	eLearning + Virtual Instructor-Led	October 18, 2016

Note: These exam description details reflect contents as of **April 27, 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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