

## Specialist – Systems Administrator, VxFlex Integrated Rack Version 1.0

### Certification Description



[Proven Professional Website](#)

[Education Services Community](#)

#### Certification Overview

Successfully obtaining this certification validates the candidate's ability to apply the knowledge and skills required to effectively administer a VxFlex Integrated Rack. The certification supports the skills needed to efficiently leverage the platform to solve business problems and work within environments undergoing digital and IT Transformations.

#### Certification Requirements

To complete the requirements for this certification you must:

1. Achieve one of the following Associate level certifications\*
  - Associate – Converged Systems and Hybrid Cloud Version 1.0
  - Associate – Converged Systems and Hybrid Cloud Version 2.0
2. Pass the following Implementation Exam
  - [DES-6231 Specialist - Systems Administrator, VxFlex Integrated Rack Exam](#)

Note: These details reflect certification requirements as of December 06, 2019.

**Note:** "VxRack FLEX" has recently been re-branded to "VxFlex Integrated Rack". The required course and exam titles have been updated to reflect the rebranding, however the content of the courses and the exam remain functionally the same.

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

Once you have achieved this Certification you may be interested in:

- [Expert – Multi-Cloud](#)

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



# DES-6231 Specialist – Systems Administrator, VxFlex Integrated Rack Exam

## Exam Description



### Duration

90 Minutes  
(60~ Questions)

Pass Score: 63

### Practice Test

Exam [DES-6231](#)

**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 **Specialist – Systems Administrator, VxFlex Integrated Rack (DCS-SA)** track.

This exam focuses on the administration and management of the VxFlex Integrated Rack. This includes the solution architecture, management interfaces, configurations and resource provisioning, system monitoring, data protection, and maintenance topics.

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:

- Dell EMC VxFlex integrated rack
- Dell EMC PowerEdge Servers
- VMware vSphere 6.7
- VMware vSAN
- VMware vCenter 6.7
- Dell EMC VxFlex OS 3.0.0.1
- Dell EMC Avamar
- Dell EMC Data Domain
- Dell EMC RecoverPoint for Virtual Machines

### Exam Topics

Topics likely to be covered on this exam include:

#### **VxFlex Integrated Rack Architecture and Use Cases (20%)**

- Describe the use cases for VxFlex Integrated Rack and explain how VxFlex Integrated Rack solves business challenges
- Describe the VxFlex Integrated Rack hardware components - nodes and rack configurations
- Describe the VxFlex Integrated Rack networking components and connectivity -
- Describe VxFlex Integrated Rack software defined storage - VxFlex OS/vSAN

#### **VxFlex Integrated Rack Management Tools and Data Protection (24%)**

- Describe VxFlex Integrated Rack system management tools and capabilities
- Describe VxFlex Integrated Rack Backup and Replication - Avamar, Data Domain, and RecoverPoint for Virtual Machines
- Describe how to protect VxFlex OS volumes using Snapshots
- Explain how to configure and manage VMware Data Protection

#### **VxFlex Integrated Rack Storage Management (20%)**



- Describe VxFlex Integrated Rack Storage Provisioning and Volume Management
- Explain VxFlex OS Rebuild and Rebalancing
- Explain how to manage VxFlex OS System Parameters
- Explain how to manage VxFlex OS Security and user accounts

**Compute and Network Resource Management (12%)**

- Describe the virtual compute configuration
- Describe the virtual networking configuration

**Monitoring System Health and Status (12%)**

- Explain how to monitor virtualized components and VxFlex OS
- Explain how to monitor the hardware and system health

**Maintenance and Troubleshooting (12%)**

- Describe VxRack integrated rack lifecycle management
- Describe how to troubleshoot VxFlex integrated rack and use the logs
- Explain the services, support and troubleshooting for VxFlex Manager

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.

**Please complete all of the following courses**

Course Title	Course Number	Mode	Available
VxFlex Integrated Rack Concepts – On Demand Course	ES131CPX00059	On-Demand Course	7/5/19

**Please complete one of the following courses**

Course Title	Course Number	Mode	Available
VxFlex Integrated Rack Administration – Classroom	ES133CPX00069	Classroom	6/17/19

Note: These exam description details reflect contents as of **December 06, 2019**.

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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