Dell Technologies

D-VXR-OE-23

Dell VxRail Operate 2023

Certification Description

DELLTechnologies

Proven Professional

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Certification Overview

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

Certification Requirements

To successfully complete this certification, a candidate must:

1. Have a sufficient knowledgebase/skill set through hands-on product experience and/or by consuming the recommended training.

2. Pass the Dell VxRail Operate 2023 Exam.

Note: These details reflect certification requirements as of May 19, 2023.

The Proven Professional Program periodically updates Certifications to reflect technical currency and relevance. Please check the Proven Professional website regularly for the latest information.

Dell Technologies Partners: Achieving a certification validates capability; however, it does not imply authorization to deliver services. Services Competencies provide partners with the ability to deliver services under their own brand or co-deliver with Dell Technologies. Tiered partners are eligible to obtain Services Competencies upon completing the specific requirements outlined in the [Services Competencies Matrix](#). Only partners that have met these requirements should be delivering their own services in lieu of Dell Technologies Services.

Exam Overview

This exam focuses on the overall product, hardware, and software components within a VxRail cluster. This includes components, cluster management, provisioning, monitoring, expanding, REST API, and maintaining with standard activities and troubleshooting.

Products

Products likely to be referred to on this exam include but are not limited to:

- Dell VxRail 7.0
- Dell PowerEdge Servers
- VMware vSphere 7.0
- VMware vSAN 7.0
- VMware vCenter 7.0

Exam Topics

Topics likely to be covered on this exam include:

Introduction to VxRail (9%)
- Describe VxRail use cases, architecture, models, and software stack
- Describe VxRail management, licensing, and data protection options

VxRail deployment options and implications for administration (11%)
- Identify VxRail vCenter Server deployment options
- Identify VxRail network deployment options

Manage the VxRail (38%)
- Mange the VxRail using the VxRail Plugin for vCenter Server
- Monitor the Health and Performance of the VxRail vSAN Cluster
- Manage vSAN Services
- Manage and use vSAN Storage Policies
- Manage the VxRail vSAN Cluster Availability
- Manage vSAN HCI Mesh

Perform Maintenance and Troubleshooting (21%)
- Explore SolVe Online and generate VxRail procedures
- Perform Cluster Expansion
- Perform Software Upgrade and File-Based Backup
- Perform Log Collection and Troubleshoot VxRail Issues

Perform Additional Administrative Tasks (17%)
- Manage VxRail Networking
- Manage a Stretched Cluster Deployment
- Perform cluster shutdown and startup and removing a node from a cluster
- Manage cluster passwords and SSL certificates

VxRail Appliance REST API (4%)
- Identify REST API functionality available in VxRail
- Use the VxRail API to perform tasks

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

Duration

120 minutes

Recommended Training

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

Please complete the following courses

Course Title	Course Number	Modality	Available
VxRail 7.0.XXX Concepts	ES101CPX02007	On Demand	3/10/2022
VxRail 7.0 XXX Feature - REST API	ES102CPX02009	On Demand	10/20/2022

Please complete the following courses

Course Title	Course Number	Modality	Available
VxRail Administration	ES124CPX00078	Classroom/Virtual Classroom	4/26/2023
VxRail 7.0.XXX Administration	ESCPXD05344	On Demand	4/26/2023

Additional training resources:

Course Title	Course Number	Modality	Available
VxRail 7.0.XXX Administration- On Demand Lab	ESCPXS03609	On Demand Lab	5/8/2023

Note: These exam description details reflect contents as of May 19, 2023.