

Dell VxRail Deploy Version 2

Certification Description



Certification Overview

Hyperconverged solutions simplify IT operations while reducing operational costs. A VxRail cluster allows businesses to start small when integrating into their datacenters and grown seamlessly. An understanding of the requirements and tasks to go from nodes in a box to a working cluster is a requirement for any individual deploying VxRail clusters. Individuals will use the certification to validate their knowledge to support implementation activities.

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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 Deploy Exam](#).

Note: These details reflect certification requirements as of May 10, 2024.

Dell Technologies

1 Dell Way
Round Rock Texas 78682

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.

Dell VxRail Deploy Exam

Exam Description



Dell Technologies

1 Dell Way Round Rock Texas 78682

Exam Overview

This exam is a qualifying exam for the **Dell VxRail Deploy v2 Certification**.

This exam focuses on the overall product, hardware, and software requirements to implement a basic VxRail cluster. This includes solution planning, using the VxRail Configuration Portal, hardware installation, environment validation, software implementation, solution validation, post-deployment day 1 tasks, scale out and up activities, REST API, and common issues and troubleshooting of events.

Products

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

- Dell VxRail 8.0.XXX
- Dell PowerEdge Servers
- VMware vSphere
- VMware vSAN
- VMware vCenter

Part 1:

Duration

90 Minutes

Part 2:

Duration

30 Minutes

A passing score is required on **both** parts of this exam.

Practice Test

[D-VXR-DY-P-01](#)

[Simulator Demo](#)

Exam Topics

Topics likely to be covered on this exam include:

VxRail Physical Components (4%)

- Describe VxRail cluster architecture
- Describe VxRail rack requirements

VxRail Deployment Planning (12%)

- Describe vCenter server
- Describe physical networking components
- Explain vSphere Distributed Switch usage
- Describe DNS options
- Identify node discovery options
- Describe vSAN options

Using VxRail Configuration Tools (4%)

- Create VxRail projects and configurations
- Review completed configuration for implementation

VxRail Hardware Installation and Initialization (8%)

- Describe VxRail system installation procedures
- Installing and cabling VxRail cluster hardware
- Configure VxRail node iDRAC and system time

VxRail Network Environment Requirements and Initialization (8%)

- Configure VxRail network settings
- Perform a VxRail initialization with vSAN ESA

- Validate the network environment manually

Deploying the VxRail Cluster (24%)

- Perform a VxRail initialization with a VxRail managed vCenter Server
- Perform a VxRail initialization with a customer managed vCenter Server

VxRail Post-Deployment procedures (18%)

- Perform post-installation validation of the VxRail cluster
- Configure required vSAN settings post-deployment
- Configure native backups

VxRail Cluster Upgrade and Expansion (10%)

- Describe VxRail upgrade requirements and activities
- Describe VxRail scale-out best practices
- Describe the cluster expansion process

VxRail Troubleshooting (6%)

- Perform VxRail log collections
- Using VxRail troubleshooting resources
- Troubleshooting using vSAN tools

VxRail REST API (6%)

- Identify REST API functionality available in VxRail
- Use VxRail REST APIs to perform tasks

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

Exam Preparation

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.

Recommended Training

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

Please complete the following courses:

Course Title	Course Number	Modality	Available
VxRail 8.0.XXX Concepts	ESCPXD05504	On Demand	7/10/2023
VxRail 8.0 XXX Feature - REST API	ESCPXD05505	On Demand	8/23/2023

Please complete one of the following course groups:

Course Title	Course Number	Modality	Available
VxRail Installation and Implementation	ES524CPX00074	Classroom/Virtual Classroom	2/13/2024
	OR		
VxRail 8.0.XXX Planning	ESCPXD05508	On Demand	10/4/2023
VxRail 8.0.XXX Installation	ESCPXD05509	On Demand	10/30/2023
VxRail 8.0.XXX Implementation	ESCPXD05510	On Demand	2/8/2024
VxRail 8.0.XXX Implementation: On Demand Lab	ESCPXD05512	On Demand	2/8/2024

Note: These exam description details reflect contents as of May 10, 2024.

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