

## VxRail Administration (VXRA)

**ID** VXRA **Price** US \$ 3,300.—(excl. VAT) **Duration** 3 days

### Who should attend

This course is intended for customers, partners, and Dell employees who are responsible for administering and managing VxRail clusters.

### Prerequisites

This course assumes that the students are familiar with:

- VxRail system architecture and theory of operations
- IP networking and configurations
- VMware vCenter Server to configure virtual resources

The VxRail 7.0.XXX Concepts course and the VMware vSphere: Install, Configure, Manage course or equivalent knowledge are recommended.

### Course Objectives

Upon successful completion of this course, participants should be able to:

- Describe the VxRail system architecture and components.
- Manage a VxRail cluster using vCenter and the VxRail Manager Plugin for vCenter.
- Configure and provision resources on a VxRail cluster.
- Monitor system status, health, and performance.
- Maintain the system and troubleshoot basic system issues.

### Course Content

#### Review VxRail Deployment Options

- Review VxRail Architecture and vCenter Deployment Options
- Review VxRail Network Deployment Options
- Locate Documentation and Resources for Administering VxRail

#### Manage the VxRail Cluster

- Identify the Interfaces Used to Manage VxRail
- Manage VxRail Using the VxRail Plugin for vCenter Server
- Lab: Manage VxRail Cluster with vSphere Client Using VxRail Plugin
- Review vSAN
- Lab: Explore the VxRail vSAN Cluster Configuration
- Monitor the Health and Performance of the VxRail vSAN Cluster
- Lab: Monitor Health, Capacity, and Performance of the VxRail vSAN Cluster
- Manage vSAN Services
- Lab: Manage vSAN Space Efficiency
- Manage and Use vSAN Storage Policies
- Lab: Manage and Use vSAN Storage Policies
- Manage vSAN HCI Mesh
- Demonstration: Manage vSAN HCI Mesh
- Manage the VxRail vSAN Cluster Availability
- Lab: FTT, FTM, and Fault Domain Interactions
- Lab: Place a Node into Maintenance Mode
- Lab: Restart VM Using vSphere High Availability
- Lab: Node Utilization and Failover

#### Perform Maintenance and Troubleshooting

- Explore SolVe Online and Generate VxRail Procedures
- Lab: Generate VxRail Procedures with SolVe Online
- VxRail Manager File-Based Backup and Restore
- Lab: VxRail Manager File-Based Backup
- Perform Cluster Expansion
- Interaction: Perform VxRail Cluster Expansion
- Upgrade VxRail Software
- Interaction: Perform VxRail Software Upgrade
- Perform Log Collection
- Lab: Perform Log Collection
- Troubleshoot VxRail Issues
- Interaction: Explore iDRAC and ESXi Shell

#### Perform Additional Administrative Tasks

- Manage VxRail Networking
- Lab: Create and Configure VDS for Production Traffic
- Manage a Stretched Cluster Deployment

## Training Centres worldwide



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