

Dell EMC VxRail Training

===== Day 1

Module 1 – VxRail Overview

Benefits of hyper-converged infrastructure

What is VxRail?

VxRail documentation and resources

VxRail network considerations

Module 2 – VxRail Administration and Management Overview

Introduction to management interfaces

vSAN Overview

VxRail conventions

===== Day 2

Module 3 – VxRail Manager

VxRail Manager views

VxRail Manager tasks

Module 4 – Managing vSAN

vSAN Configuration

Storage Policies

Monitoring vSAN

Availability Considerations

Module 5 – Managing virtualization

vSphere concepts and functions

Managing vSphere

===== Day 3

Module 6 – Availability Management

VxRail availability standard features

VxRail additional availability features

Stretched clusters

Module 7 – Maintenance and Troubleshooting

VxRail health check and log collection

VxRail maintenance procedures

Troubleshooting

===== Day 4

Module 01 - Plan for a VxRail Deployment

Review VxRail architecture and deployment process.

Identify vCenter Server deployment options and requirements.

Identify VxRail network deployment options and requirements.

Identify VxRail node discovery options and requirements.

Module 02 - Use VxRail Configuration Portal to prepare for VxRail deployment.

VxRail Configuration Portal Overview

Create VxRail Project

Create VxRail cluster configuration

Export VxRail configuration report

Review pre-deployment checklist

Download VxRail configuration file for deployment

Module 03 - Install VxRail hardware

Process Overview

Rack VxRail nodes and Connect power

Cable to ToR switches

Power On VxRail Nodes

Configure iDRAC and system time for VxRail nodes.

Module 04 - Use SolVe to generate VxRail Install procedure

Generate procedure for installing and configuring the VxRail cluster.

===== Day 5

Module 05 - Validate network environment for deployment

Configure tagged management VLAN ID on VxRail nodes

Configure access to VxRail Manager VM

Validate the network environment manually

Validate the network environment using the Network Validation Tool (NVT)

Module 06 - Deploy a VxRail cluster

Deploy a standard VxRail cluster with VxRail-managed vCenter Server

Deploy a standard VxRail cluster with existing vCenter Server

Module 07 - Perform post deployment tasks

Verify VxRail cluster deployment using VxRail Plugin

Perform vSAN health check

Add VMware licenses

Enable vSAN Performance Service

Enable vSAN Space Efficiency Services

Enable vSAN Encryption Services

Create vSAN storage policies

Configure Dell support account and Secure Remote Services

Configure VxRail Manager file-based backup