

Dell Technologies Cloud Platform - VMware Cloud Foundation on VxRail Workshop

Workshop Description

VMware Cloud Foundation (VCF) on VxRail, the foundation for Dell Technologies Cloud Platform, delivers the simplest path to hybrid cloud with consistent operations and infrastructure. The integration of VCF and VxRail, jointly engineered by Dell EMC and VMware, further simplifies, streamlines, and automates the operations of your entire SDDC from Day 0 through Day 2 operations, enabling IT to deliver next-generation digital services powered by data.

In this technical workshop, you will gain first-hand knowledge of the VCF on VxRail architecture, such as workload domains and HCI system architecture. Next, we take you through the networking and storage capabilities, followed by Lifecycle Management (LCM). You will then learn how to deploy VCF on VxRail, starting with an initial deployment and scaling to multisite deployments. Finally, we give you insights into the operational side of VCF, focusing on security, data protection, and hybrid cloud operations.

This workshop features hands-on click-through demos in which you will get to walk through the process of deploying VCF on VxRail, adding workload domains, exploring full-stack LCM, and configuring security certificates.

Who Should Attend

This workshop provides solutions-oriented training designed for Virtualization Architects and Senior Engineers who are responsible for developing data center solutions that span compute, network, and storage.

You will gain the most from this seminar if you are familiar with basic virtualization, storage, and networking concepts.

In This Workshop We Will:

- Explain the VCF on VxRail Advantage
- Discuss Workload Domains, HCI, Hardware and Software Components
- Explain NSX, vSAN and secondary storage options
- Discuss Integrated Cloud Foundation and VxRail Lifecycle management
- Explain Cloud Foundation Deployment, and Multisite and Consolidated Options
- Explore Software Components, Hybrid Cloud Operations, Data Protection, and Services and Support

Demos

- Demo 1: Cloud Foundation on VxRail Deployment
- Demo 2: Create NSX-T Backed VxRail Workload Domain
- Demo 3: Full Stack LCM
- Demo 4: SSL Certificates and Password Management
- Demo 5: Enable vSphere with Kubernetes



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Agenda

Module 1:

VCF on VxRail Overview

- Cloud Foundation on VxRail Integration Architecture Overview
- Cloud Foundation on VxRail Solution Benefits

Module 2:

VCF on VxRail Architecture

- Cloud Foundation on VxRail Workload Domains
- VxRail HCI System Software
- Cloud Foundation on VxRail Software Components
- VxRail Hardware Details

Module 3:

VCF on VxRail Networking and Storage

- Networking
- Physical Network Design
- NSX-T with Cloud Foundation on VxRail
- Cloud Foundation on VxRail External Storage Options

Module 4:

VCF on VxRail Lifecycle Management

- VMware Cloud Foundation on VxRail Lifecycle Management

Module 5:

VCF on VxRail Deployment

- Cloud Foundation on VxRail Deployment
- Multi-Site Deployments
- Cloud Foundation on VxRail Delivery Options
- Cloud Foundation on VxRail Deployment

Module 6:

VCF on VxRail Operations

- Cloud Foundation Multi-Instance Management
- Security
- Data Protection
- Services and Support
- Hybrid Cloud Operations



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