

VMware vRealize Network Insight: Install, Configure, Manage [V6.1] Course

Course Duration: 16 Hours

Course Code: VRNIICM6.1

1. Course Overview

This five-day, hands-on training course equips you with the knowledge and skills needed to deploy, configure, and manage VMware vRealize Network Insight. The course focuses on providing complete visibility into the virtual and physical network, enabling you to optimize network performance, troubleshoot faster, and ensure compliance with security and micro-segmentation strategies. Participants will learn how to leverage vRealize Network Insight to simplify operations and enhance their VMware NSX environment.

2. What You'll Learn?

By the end of this course, you will be able to:

- Describe the architecture and components of vRealize Network Insight.
- Deploy and configure vRealize Network Insight.
- Discover and manage VMware NSX deployments using vRNI.
- Monitor, analyze, and troubleshoot network traffic flows.
- Plan security policies and micro-segmentation.
- Integrate physical and virtual network infrastructure.
- Generate and interpret network and security reports.

3. Target Audience

This course is designed for:

- Network Administrators
- Network Engineers
- System Administrators
- Cloud Administrators
- Security Professionals
- VMware NSX Administrators and Architects

4. Pre-Requisites

Before taking this course, you should have:

- Knowledge of VMware NSX-T Data Center.
- Experience with VMware vSphere.
- Understanding of networking and security concepts (switching, routing, firewalls).
- Familiarity with enterprise data center technologies.

5. Course Content

Module 1: Course Introduction

- Introductions and course logistics
- Overview of goals and objectives

Module 2: Introduction to VMware vRealize Network Insight

- Overview and key benefits
- Use cases and architecture
- Components and data sources

Module 3: Deployment and Configuration

- Deploying vRNI platform and collectors
- Initial configuration and licensing
- Adding data sources

Module 4: VMware NSX Operations with vRNI

- NSX-T and NSX-V integration
- Flow-based application discovery
- Micro-segmentation planning

Module 5: Network Infrastructure and Security Operations

- Physical switch and router integration
- Firewall and security rule analysis
- Ensuring compliance and auditing

Module 6: Troubleshooting and Monitoring

- Troubleshooting network and application connectivity
- Flow visualization and analysis
- Performance monitoring and reporting

Module 7: Advanced Features and Use Cases

- Integrating with VMware vRealize Suite
- Custom dashboards and reports
- Scaling vRNI for large environments

Module 8: Course Wrap-Up

- Review of key concepts
- Summary and Q&A