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Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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VMware vRealize Network Insight: Install Configure Manage [V3.x]

CODE:	LENGTH:	PRICE:
VM-VR-NW-IS-ICM-V3.X	16 Hours (2 days)	$1,700.00

Description

Course Overview
This two-day, hands-on course gives you the skills to deploy and use VMware vRealize® Network Insight™ to ensure an optimized, highly available, and secure network infrastructure. You will learn the features, components, architecture, and benefits of vRealize Network Insight and how to use it to simplify daily operation and troubleshooting tasks.

Objectives

Course Objectives
By the end of the course, you should be able to meet the following objectives:
• Explain the features and architecture of vRealize Network Insight
• Describe the vRealize Network Insight installation and upgrade processes and requirements
• Navigate the vRealize Network Insight GUI
• Describe major use cases for vRealize Network Insight and their benefits
• Use vRealize Network Insight to monitor, operate, analyze, and troubleshoot network and security problems

Audience

Target Audience
Network professionals who design, build, operate, manage, and troubleshoot software-defined networking and security

Prerequisites

Prerequisites
Students taking this course should have general networking and security knowledge.
Before taking this course, students should take the following courses or have equivalent knowledge and experience:
• VMware NSX: Install, Configure, Manage [V6.4]
• VMware vRealize Network Insight Fundamentals

Programme

Course Modules
1 Course Introduction
• Review course goals
• Review course objectives
• Review the course outline
• Find additional resources after this course
2 Introduction to vRealize Network Insight
• Identify the use cases for vRealize Network Insight
• Access the vRealize Network Insight Home page
• View vRealize Network Insight entity data
• Perform searches for specific entity data
• Create entity search queries
• Find and use event data
3 vRealize Network Insight Architecture and Components
• Identify the components of vRealize Network Insight
• Describe the function of each component and how the components interact

- Check the health of vRealize Network Insight components

4 vRealize Network Insight Installation

- Deploy vRealize Network Insight components
- Configure the pairing relationship between the platform VM and the proxy VM
- Troubleshoot platform VM and proxy VM configuration problems
- Explain how data sources export flow information
- Add VMware vCenter Server® to vRealize Network Insight
- Add a VMware NSX® data source to vRealize Network Insight
- Configure IPFIX
- Distinguish between the mechanisms used to scale vRealize Network Insight
- Select the appropriate scaling mechanism for your environment
- Describe how clusters are expanded

5 vRealize Network Insight Use Cases

- Explain use cases for vRealize Network Insight
- Create vRealize Network Insight applications
- Plan and optimize micro-segmentation and security for applications
- Explain the use of flow analytics
- Use flow information from physical devices in security planning
- Generate virtual machine path topologies between entities using flows
- Extract useful information from path topologies
- Validate NSX for vSphere deployments
- Monitor and troubleshoot NSX for vSphere events

6 Operations and Troubleshooting Common Issues

- Perform vRealize Network Insight operations by using VMware vSphere® tags
- Use the flow analytics dashboards to perform flow analysis
- Use vRealize Network Insight tools to troubleshoot common problems
- Generate and export support logs
- Integrate VMware vRealize® Log Insight™ with vRealize Network Insight

Session Dates

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.