

# VMware vRealize Network Insight: Install, Configure, Manage

## 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 infrastructure for your applications. 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.

## 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 the infrastructure supporting your applications

## Target Audience

Network professionals and who design, build, operate, manage, and troubleshoot software-defined networking and security, and application owners who need visibility across multi-cloud environments.

## 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](#)

## Course Delivery Options

- Classroom
- Live Online
- [Onsite](#)
- [On Demand](#)

## Product Alignment

- vRealize Network Insight 5.0

## Course Modules

### 1 Course Introduction

- Introductions and course logistics
- Course objectives

### 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
- Perform application discovery

- 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
- Set and configure thresholds to identify aberrations in the behavior of entities
- Use vRealize Network Insight tools to troubleshoot common problems
- Generate and export support logs
- Integrate VMware vRealize® Log Insight™ with vRealize Network Insight

## Contact

If you have questions or need help registering for this course, click [here](#).



VMware, Inc. 3401 Hillview Avenue Palo Alto CA 94304 USA Tel 877-486-9273 Fax 650-427-5001 [www.vmware.com](http://www.vmware.com)

© 2020 VMware, Inc. All rights reserved. The product or workshop materials is protected by U.S. and international copyright and intellectual property laws. VMware products are covered by one or more patents listed at <http://www.vmware.com/download/patents.html>. VMware is a registered trademark or trademark of VMware, Inc. in the United States and/or other jurisdictions. All other marks and names mentioned herein may be trademarks of their respective companies.

VMware warrants that it will perform these workshop services in a reasonable manner using generally accepted industry standards and practices. THE EXPRESS WARRANTY SET FORTH IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE SERVICES AND DELIVERABLES PROVIDED BY VMWARE, OR AS TO THE RESULTS WHICH MAY BE OBTAINED THEREFROM. VMWARE WILL NOT BE LIABLE FOR ANY THIRD-PARTY SERVICES OR PRODUCTS IDENTIFIED OR REFERRED TO CUSTOMER. All materials provided in this workshop are copyrighted by VMware ("Workshop Materials"). VMware grants the customer of this workshop a license to use and make reasonable copies of any Workshop Materials strictly for the purpose of facilitating such company's internal understanding, utilization and operation of its licensed VMware product(s). Except as set forth expressly in the sentence above, there is no transfer of any intellectual property rights or any other license granted under the terms of this workshop. If you are located in the United States, the VMware contracting entity for the service will be VMware, Inc., and if outside of the United States, the VMware contracting entity will be VMware International Limited.