

# VMware vRealize Log Insight: Deploy and Manage [V4.3]

**Overview:** In this three-day course, you will focus on deploying and managing VMware vRealize® Log Insight™. You will learn about the configuration and use of vRealize Log Insight to collect and manage logs from a variety of VMware and third-party products. This course discusses interfacing vRealize Log Insight with other systems to monitor, troubleshoot, and secure a data center.

**Objectives:** By the end of the course, you should be able to meet the following objectives:

- Describe the features of vRealize Log Insight that help in the management of logs
- Describe how to install, configure, and use vRealize Log Insight 4.x to collect and analyze logs so that you can better manage and monitor your systems
- Explain how vRealize Log Insight can be integrated with other solutions for monitoring, troubleshooting, and securing a data center
- Describe vRealize Log Insight architecture and use cases
- Explain vRealize Log Insight extensibility and workflows

**Intended Audience:** Experienced system administrators, system integrators, and developers responsible for designing and implementing vRealize Log Insight

**Prerequisites:** This course requires completion of one of the following courses:

- VMware vSphere 6.x: Install, Configure, Manage
- VMware vSphere 6.x: Fast Track

The course presumes that a student can perform the following tasks with no assistance or guidance before enrolling in this course:

- Use VMware vSphere® Web Client
- Perform routine VMware vCenter Server® tasks
- Perform basic Windows management operations

If you cannot complete all of these tasks, VMware recommends that you complete one of the prerequisite courses before enrolling in VMware vRealize Log Insight: Deploy and Manage.

- Outline:**
1. Course Introduction
    - Introductions and course logistics
    - Course objectives
    - Identify additional resources for after this course
  2. Introducing vRealize Log Insight
    - Describe a cloud management platform
    - Discuss sources of logging data
    - Explain the importance of efficient log management
    - Describe the requirements for a log analytics solution
    - Describe the benefits of vRealize Log Insight
    - Describe the key features of vRealize Log Insight
    - Describe vRealize Log Insight editions
    - Describe vRealize Log Insight licensing
  3. Deploying and Configuring vRealize Log Insight
    - Specify the minimum hardware requirements for vRealize Log Insight
    - Size the vRealize Log Insight virtual appliance
    - Describe the compatibility of vRealize Log Insight with other VMware products
    - Describe vRealize Log Insight security requirements
    - Describe the supported file and archive formats in vRealize Log Insight
    - Install the vRealize Log Insight virtual appliance
    - Perform initial configuration of the vRealize Log Insight virtual appliance
    - Configure VMware vSphere® integration with vRealize Log Insight
  4. Using vRealize Log Insight
    - Describe the primary vRealize Log Insight UI functions
    - Access the vRealize Log Insight UI
    - Use the Dashboards tab to view collected data

- Customize the dashboards interface
- Create custom dashboards
- Describe and use vRealize Log Insight widgets
- Use various chart types to display log events data
- Use the Interactive Analytics tab to delve deeper into the log data
- Create and manage queries
- Using vRealize Log Insight on a daily basis
- 5. Administering vRealize Log Insight
  - Access the vRealize Log Insight Administration page
  - Install and configure vRealize Log Insight clusters
  - Configure vRealize Log Insight access controls
  - Configure the general settings in vRealize Log Insight
  - Describe and configure storage policies in vRealize Log Insight
  - Configure system notifications
  - Upgrade vRealize Log Insight
  - Monitor vRealize Log Insight
  - Examine vRealize Log Insight logs
  - Describe the contents of a log message
  - List vRealize Log Insight data sources
  - Describe the Syslog protocol
  - Integrate vSphere into vRealize Log Insight
  - Install and manage vRealize Log Insight agents
  - Configure agent groups
  - Install and manage content packs
  - Use the log importer to import historical logs
- 6. Integrating with vRealize Operations Manager
  - Describe the advantages of VMware vRealize® Operations Manager™ integration with vRealize Log Insight
  - List the vRealize Operations Manager integration requirements
  - Install the vRealize Log Insight management pack
  - Install the vRealize Operations Manager content pack
  - Remove the vRealize Log Insight adapter
  - Remove the vRealize Operations Manager content pack