Gigamon®

Gigamon Education Services

GigaVUE Cloud Suite for VMware Fundamentals Course

This course is designed to assist participants in gaining fundamental knowledge utilizing GigaVUE Cloud Suite for VMware through both instruction and hands-on lab activities.

Course Overview

The Gigamon GigaVUE Cloud Suite™ for VMware Foundations course is a two-day, instructor-led course that provides essential training to guide customers through deployment activities, the monitoring of network traffic in both ESXi/vCenter and NSX-T environments, and the use of GigaSMART® applications to create flow maps to traffic tools. The hands-on activities focus on the real-time capture and examination of network traffic.

Course Delivery

This two-day course is delivered as Instructor-led online (ILO) and scheduled regularly by our authorized training partners (ATPs) as a publicly scheduled class.

Who Should Attend

The primary target audiences for the course are:

- All end users of Gigamon products who intend to integrate Gigamon cloud visibility
- New end users who intend to leverage Gigamon cloud visibility as a standalone solution
- Security operations professionals and architects
- Network operations professionals and architects
- Professional service and system integrations specialists
- Network and security administrators and architects
- Participants of the Gigamon Partner Program and Gigamon Support Partner Program (GSPP) or Gigamon Professional Services Program (GPSP)

Prerequisites

We recommend that you have the following prerequisites prior to taking this course:

- CompTIA Cloud+ or equivalent working knowledge

Course Objectives

This course focuses on guiding customers who are unfamiliar with GigaVUE Cloud Suite for VMware through the deployment, configuration, and utilization of the Gigamon Deep Observability Pipeline. Participants will learn how to:

- Deploy the GigaVUE-FM fabric manager appliance
- Configure third-party authentication
- Create user accounts with minimum privileges to facilitate GigaVUE V Series operations
- Review East-West (lateral) visibility factors for ESXi and NSX-T
- Configure and deploy a monitoring domain for ESXi
- Configure and deploy a monitoring session for ESXi
- Configure and deploy a monitoring domain for NSX-T
- Configure and deploy a monitoring session for NSX-T
- Use and test GigaSMART applications
- Remove GigaVUE Cloud Suite from ESXi and NSX-T

Course Modules

The course is segmented into the following modules:

- Module 1 – GigaVUE Cloud Suite for VMware
- Module 2 – GigaVUE-FM fabric manager
- Module 3 – GigaVUE Cloud Suite for VMware: ESXi
- Module 4 – GigaVUE Cloud Suite for VMware: NSX-T
- Module 5 – Flow Mapping® and GigaSMART Applications
- Module 6 – Removing GigaVUE Cloud Suite for VMware

Detailed Course Outline

Module 1: GigaVUE Cloud Suite for VMware

This module covers the following topics:

- Evolution of virtualization
- Cloud traffic visibility
- Virtual traffic access
- Virtual traffic access concerns
- GigaVUE Cloud Suite

Module 2: GigaVUE-FM Fabric Manager

This module covers the following topics:

- GigaVUE-FM fabric manager
- GigaVUE-FM fabric manager appliance
- Licensing
- Authentication
- Creating a vCenter user

Module 3: GigaVUE Cloud Suite for VMware: ESXi

This module covers the following topics:

- ESXi monitoring domains
- Understanding East-West visibility: Standard and distributed virtual switches
- Simple ESXi monitoring session

Module 4: GigaVUE Cloud Suite for VMware: NSX-T

This module covers the following topics:

- NSX-T monitoring domains
- Understanding East-West visibility: NSX transport zones
- Understanding East-West visibility: Micro-segmentation and network introspection
- NSX-T monitoring sessions

Module 5: Flow Mapping and GigaSMART Applications

This module covers the following topics:

- Introduction
- Flow Mapping
- GigaSMART De-duplication
- GigaSMART Load Balancing
- GigaSMART Slicing
- GigaSMART Header Stripping
- Other GigaSMART applications

Module 6: Removing GigaVUE Cloud Suite for VMware

This module covers the following topics:

- Removing V Series for ESXi
- Removing V Series for NSX-T

Labs
- Lab 1 – Deploy GigaVUE-FM Fabric Manager
- Lab 2 – Configure Third-Party Authentication
- Lab 3 – Create a vCenter User for V Series
- Lab 4 – Deploy an ESXi Monitoring Domain
- Lab 5 – Deploy an ESXi Monitoring Session
- Lab 6 – Deploy an NSX-T Monitoring Domain
- Lab 7 – Deploy an NSX-T Monitoring Session
- Lab 8 – Flow Mapping
- Lab 9 – GigaSMART De-duplication
- Lab 10 – GigaSMART Load Balancing
- Lab 11 – GigaSMART Slicing
- Lab 12 – GigaSMART Header Stripping
- Lab 13 – Removing V Series for ESXi
- Lab 14 – Removing V Series for NSX-T

For more information or questions

If you have additional questions, please contact your Gigamon Sales Account Manager. Channel Partners please contact your Channel Account Manager or email EdServices@gigamon.com.

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