

# Gigamon Foundations II: GigaSMART traffic intelligence services

## COURSE CONTENT

The Gigamon Visibility and Analytics Fabric is an essential element in any monitoring or security strategy. The Gigamon Foundations II course extends basic knowledge about how to implement and configure GigaVUE® platforms to include features that off-load CPU intensive tasks or otherwise streamline traffic ingestion by tools. Through comprehensive discussions, real-world use cases and practical hands-on labs, this course reviews additional foundational features needed by security and network teams to configure Gigamon appliances and features in support of organizational objectives. The course will help you accelerate deployment and the expected ROI for solutions that incorporate the Gigamon Visibility and Analytics Fabric..

## WHO SHOULD ATTEND?

- + Security and networking architects, administrators and operations staff who are Gigamon customers but new to Gigamon products
- + Gigamon partners who focus on security and networking and who are using Gigamon products for the first time

## PREREQUISITES

Mandatory Requirement: Customers must have knowledge of or have taken the GigamonFoundations I course before they take this one-day follow-on course.

- + Data security protection and prevention fundamentals
- + Fundamentals of route switch technologies.

## COURSE OBJECTIVES

After completing this course, you will understand:

- + The different GigaSMART traffic intelligence features and how they support and enhance monitoring and security solutions
- + How to plan for, and ultimately deploy, GigaSMART features into your data center
- + Different traffic characteristics and how they impact your overall security solution
- + How to create flow maps which include GigaSMART features that optimize traffic characteristics so that tools can perform inspections more quickly or easily

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## OUTLINE

This 1-day course includes instruction time and hands-on labs that walk you through the topics covered below:

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<b>Module 1: Gigamon Solution Overview</b>	<ul style="list-style-type: none"><li>· Gigamon Platform</li><li>· GigaSMART module options</li><li>· GigaVUE HC Series and GigaVUE-FM</li></ul>
<b>Module 2: GigaSMART Feature Overview</b>	<ul style="list-style-type: none"><li>· GigaSMART traffic intelligence: Slicing, Masking, Header Stripping, Tunneling, Source Port Labeling, Load Balancing, Adaptive Packet Filtering</li><li>· GigaSMART flow and session level intelligence: De-duplication, Advanced Flow Slicing, NetFlow Generation, Application Filtering Intelligence, Application Metadata Intelligence, SSL/TLS Decryption, FlowVUE Flow Sampling, GTP Correlation</li><li>· ThreatINSIGHT Sensor</li></ul>
<b>Module 3: GigaSMART Sizing Considerations</b>	<ul style="list-style-type: none"><li>· Port counts</li><li>· GigaSMART feature capacity</li><li>· Module requirements</li></ul>

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