

Gigamon Inline SSL/TLS Decryption: Designing and Implementing Inline SSL/TLS Solutions

COURSE CONTENT

The Gigamon Deep Observability Pipeline is an essential element in any monitoring or security strategy. This 1-day course focuses on building inline SSL/TLS decryption solutions. Training is conducted through comprehensive discussions, real-world use cases, and practical hands-on labs. If you are planning on implementing SSL/TLS decryption as part of your Gigamon deployment, this is a great additional day of training to help you achieve success.

WHO SHOULD ATTEND?

The primary target audiences for the course are:

- Security Ops teams that need to understand how Gigamon inline SSL/TLS decryption solutions function in relation to designing and deploying visibility solutions utilizing these features.
- Network Ops teams that are familiar with Gigamon, and will be implementing a Classic or Flexible Inline Bypass solution with SSL/TLS decryption. These include roles like architects, admins, and operators.

PREREQUISITES

Mandatory Requirement: Customers must have knowledge of or have taken the Gigamon Foundations I course before they take this one-day follow-on course. It is also strongly recommended that learners have knowledge of or have taken the Gigamon Designing and Implementing Inline Bypass Solutions course. As a follow-on course to the Gigamon Foundations I and Gigamon Designing and Implementing Inline Bypass Solutions courses, learners are expected to already possess these skills, abilities, and knowledge:

- Basic Flow Mapping
- GigaVUE-FM Navigation
- Inline Bypass Concepts and Configuration

COURSE OBJECTIVES

- Learn how Gigamon manages traffic flows where decryption of traffic is essential
- Understand the different map group choices which support inline SSL/TLS decryption
- Design and implement an inline SSL/TLS decryption solution
- Learn best practices and common challenges

OUTLINE

Module 1: Gigamon Solution Overview	<ul style="list-style-type: none">• Gigamon Platform• Inline Bypass module options
Module 2: SSL/TLS Technology Overview	<ul style="list-style-type: none">• SSL/TLS Overview• SSL/TLS Handshake Process• Understanding Private Keys and Certificates
Module 3: Inline Challenges	<ul style="list-style-type: none">• Traffic Asymmetry• Resolving Asymmetry problems• Resilient Inline Arrangement (RIA)
Module 4: Inline Decryption Challenges	<ul style="list-style-type: none">• Passive versus Inline SSL/TLS Decryption• Inbound versus Outbound Configurations• SSL/TLS Decryption Policy Parameters• Decrypt / No Decrypt Decision
Module 5: Inline Decryption Policy Profile Example	<ul style="list-style-type: none">• Configuring the Inline SSL/TLS Decryption Policy Profile
Module 6: Inline Decryption Mapping Example	<ul style="list-style-type: none">• Inline SSL/TLS Map Groups• Inline SSL/TLS Mapping Example• Using Inline Monitor Mode



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