Gigamon Inline SSL/TLS Decryption: Designing and Implementing Inline SSL/TLS Solutions (SSL SOLUTIONS)

ID SSL SOLUTIONS   **Price** US $ 995.—(excl. tax)   **Duration** 1 day

Course Overview

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: Insight into Network Data Across Your Network (GFD1) 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

Detailed Course Outline

Module 1: Gigamon Solution Overview

- Gigamon Platform
- Inline Bypass module options

Module 2: SSL/TLS Technology Overview

- SSL/TLS Overview
- SSL/TLS Handshake Process
- Understanding Private Keys and Certificates

Module 3: Inline Challenges

- Traffic Asymmetry
- Resolving Asymmetry problems
- Resilient Inline Arrangement (RIA)

Module 4: Inline Decryption Challenges

- 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

- Configuring the Inline SSL/TLS Decryption Policy Profile

Module 6: Inline Decryption Mapping Example

- Inline SSL/TLS Map Groups
- Inline SSL/TLS Mapping Example
- Using Inline Monitor Mode

About Fast Lane

Fast Lane

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