Authorized Training Center

TIPPINGPOINT® SECURITY SOLUTIONS 5.0 TRAINING FOR CERTIFIED PROFESSIONALS

COURSE DESCRIPTION:

Trend Micro™ TippingPoint® Security Solutions 5.0 Training for Certified Professionals is a two-day, instructor-led training course that teaches the concepts and best practices necessary for installation, configuration, security management, and system administration of Trend Micro TippingPoint solutions. Through interactive lectures and hands-on activities, students will learn to implement the inspection device and the Security Management System (SMS).

Taught by Trend Micro certified trainers, this course incorporates a variety of hands-on lab exercises, allowing participants to put the lesson content into action.

KEY INFORMATION

Course Title:	Trend Micro TippingPoint Security Solutions 5.0 Training for Certified Professionals
Product ID:	TRNN0124
Course Length:	Two Days
Level:	Professional
Delivery Language:	English

CERTIFICATIONS AND RELATED EXAMINATIONS:

Upon completion of this course, participants may choose to complete the certification exam to obtain designation as a Trend Micro Certified Professional for TippingPoint

PREREQUISITIES:

Before you take this course, Trend Micro recommends that you have:

- A working knowledge of their products and services, as well as basic networking concepts and principles.
- Completed the Trend Micro TippingPoint Essentials (modular web-based training) or have equivalent hands-on experience using TippingPoint solutions.

You should also have a working knowledge of the following:
- Data center networking implementation and management practices
- Experience with network security practices
- General knowledge of network and security management tools

COURSE OBJECTIVES:

Upon completion of this course, students will acquire knowledge of the Trend Micro TippingPoint solutions including:

- Administrative tasks and management
- Inspection device setup and configuration
- SMS setup and configuration
- Deployment architecture and deployments
- Administrative best practices
- Use cases

WHY CHOOSE TREND MICRO EDUCATION:

- Hands-on instruction from Trend Micro certified trainers
- With Trend Micro product certifications, you have the skills to deploy and manage our leading security solutions
- On demand or in a classroom—we have the right courses for you
- By sharpening your skills, you are in a position to better detect and respond to the latest attacks

Target Audience:

This course is designed for security and IT professionals who are responsible for protecting networks from any kind of network, endpoint, or cloud security threats. The individuals who will typically benefit the most include:

- Network Engineers
- Network Administrators
- Network Technicians
- Security Administrators
- Systems Engineers
- System Administrators
- Security Strategist and Planning Architects

DETAILED COURSE OUTLINE:

The course topics in this training are divided into the following lessons:

Inspection Device Management
- TippingPoint solutions overview
- Inspection device out-of-box experience (OBE)
- Introduction of local security manager (LSM)

SMS Management
- SMS setup and OBE
- Install the SMS client
- Manage inspection device with SMS
- View events in SMS
- Generate and view reports in SMS

Advanced Inspection Device Management
- Discuss network segments and ports
- Discuss intrusion prevention system (IPS) segment concepts (Layer 2 Fallback (L2FB) configuration and link down synchronization)
- Zero power high availability (ZPHA)
- Discuss terms of service (TOS) versioning and updating

Basic Security Policies
- Discuss the Trend Micro™ TippingPoint® Digital Vaccine® package
- Threat management center (TMC) provided resources
- Assess vulnerabilities using Trend Micro™ TippingPoint® ThreatLinQ
- Tuning a profile to meet specific needs

Profile Management
- Discuss action sets
- Policy by direction use case
- Profile versioning, rollback, and auditing
- Managing multiple profiles

Advanced Security Policies
- Differentiate between flow based and nonflow based filters
- Summarize the inspection device architecture
- Perform traffic management techniques to obtain desired results
- Explain quarantine methods to secure a network

Enterprise Vulnerability Remediation (EVR)
- Introduce EVR
- Perform an EVR scan
- Tune profile based on scan results

Maintenance and Performance
- Performing daily maintenance tasks
- Discuss automatic optimization
- Discuss manual optimization