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Authorized Training Center

TIPPINGPOINT® SECURITY SOLUTIONS 1.0 TRAINING FOR CERTIFIED PROFESSIONALS

COURSE DESCRIPTION:

Trend Micro™ TippingPoint® Security Solutions 1.0 Training for Certified Professionals is a three-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 1.0 Training for Certified Professionals
Product ID:	TRNN0124
Course Length:	Three 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



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PREREQUISITIES:

There are no prerequisites to attend this course, however, a working knowledge of Trend Micro products and services, as well as an understanding of basic networking concepts and principles will be helpful.

Basic knowledge of the following topics is beneficial:

- Windows and Linux Operating Systems
- Network switching and routing
- Firewalls and Packet Inspection Devices
- Virtualization Technologies with emphasis on VMware
- Other Trend Micro solutions beneficial

COURSE OBJECTIVES:

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

- Trend Micro Threat Research and TippingPoint Solutions
- Inspection Device Setup and Configuration
- Security Management System Setup and Configuration
- Inspection Device Management
- Security Profile Management
- Traffic Management and Bypass Rules
- Quarantine
- SMS Events and Reports
- SMS Dashboard
- Maintenance and Performance
- Best Practices
- Troubleshooting
- Cloud Networking Protection

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:

- System Administrators
- Network Engineers
- Support Engineers
- Integration Engineers
- Solution and Security Architects
- Technical Account Managers

DETAILED COURSE OUTLINE:

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

Introduction to Trend Micro and TippingPoint

- Trend Micro Overview
- TippingPoint Solutions Overview
- Trend Micro Threat Research

Portfolio Overview

- TippingPoint inspection device platforms
- SMS features and functionalities
- Common deployment scenarios

Inspection Device Setup

- Introduction to License Manager
- Device setup Out-of-Box-Experience
- Local Security Manager (LSM) Introduction

Security Management System

- Setup and Basic Configuration
- Communication Settings
- Threat Insight Porta

Inspection Device Management

- Device configuration
- Network configuration and High Availability
- TippingPoint Operating System (TOS)

Security Profile Management

- Digital Vaccine (DV)
- Profile Versioning, Rollback, and Auditing
- Profile Search
- Managing Multiple Profiles

Traffic Management and Bypass Rules

- Flow based vs. non-flow based DV filters
- Traffic Management Filters
- Inspection Bypass Rules

Quarantine

- Blocking vs. Thresholds
- Quarantine Considerations

SMS Events and Reports

- SMS Event Management
- SMS Reports

SMS Dashboard

- SMS Dashboard Customization
- Geo Locator Database

Maintenance and Performance

- Analyze System Health Details
- Inspection Tier Stats

Best Practices

- System Architecture
- Deployment Considerations
- System Administration

Troubleshooting

- Analyze System Health Details
- Inspection Tier Stats

Cloud Network Protection

- What is Cloud Network Protection
- Deployment Models