

## Trend Micro

# APEX ONE™ TRAINING FOR CERTIFIED PROFESSIONALS

In this course, you will learn how to use Trend Micro Apex One™. This course details basic architecture, protection functionality, deployment scenarios, and troubleshooting. Through hands-on labs, participants practice configuring Apex One protection features, along with the administration options needed for a successful implementation and long-term maintenance.

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.

## Target Audience:

This course is designed for IT professionals responsible for protecting endpoint computers from data breaches and targeted attacks.

This includes those involved with:

- Operations
- Deployment
- Security Response
- Compliance

### KEY INFORMATION

|                           |   |
|---------------------------|---|
| <b>Course Title:</b>      | Trend Micro Apex One Training for Certified Professionals   |
| <b>Product ID:</b>        | TRNN1040 or TRNM0003  |
| <b>Course Length:</b>     | Three Days  |
| <b>Level:</b>             | Professional  |
| <b>Delivery Language:</b> | English   |
| <b>To Enroll:</b>         | Existing account holders can visit the Trend Micro Education Portal for a list of available classes. For more information about how to create an account please visit <a href="https://trendmicro.com/education">trendmicro.com/education</a> |

## 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 Apex One**.

## PREREQUISITES:

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 also beneficial:

- Windows® servers and clients
- Microsoft® Internet Information Server (IIS)
- General understanding of malware

Participants are required to bring a laptop computer with a recommended screen resolution of at least 1980 x 1080 or above, and a display size of 15" or above.

## COURSE OBJECTIVES:

After completing this course, participants will be able to:

- Describe the purpose, features, functions, and capabilities of Apex One
- Define the components that make up Apex One
- Implement security using Security Agents
- Configure and administer Apex One Servers and Agents
- Deploy Apex One policies using Trend Micro Apex Central
- Troubleshoot common issues
- Attempt the Trend Micro Certified Professional for Apex One Certification Exam

## 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
- By sharpening your skills, you are in a position to better detect and respond to the latest attacks

## DETAILED COURSE OUTLINE:

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

### Apex One Overview

- Trend Micro solutions
- Key features of Apex One
- Apex One components
- Deployment methods
- Threat detection

### Apex One Server

- Apex One Server tasks
- Apex One Server services and components
- Configuration repositories
- Installing/upgrading Apex One Server
- Apex One plug-ins and utilities

### Apex One Web Management Console

- Logging into the console
- Integrating with Active Directory
- Creating new administrative accounts

### Security Agents

- Security Agent tasks
- Security Agent services and components
- Security Agent tree
- Installing Agents
- Migrating from other endpoint security software
- Agent-to-Server/Server-to-Agent communication
- Endpoint location
- Moving Security Agents
- Uninstalling Security Agents
- Agent settings and grouping
- Agent self-protection
- Agent privileges

### Managing Off-Premise Agents

- Protection features
- Installing the Apex One Edge Relay Server
- Registering the Apex One Edge Relay Server
- Edge Relay Server and external Agent communication
- Edge Relay Server digital certificates

### Keeping Apex One Updated

- ActiveUpdate
- Updating the Apex One Server
- Updating Security Agents
- Update Agents
- Security compliance

### Trend Micro Smart Protection

- Smart Protection services and sources
- Configuring the Smart Protection source

### Protecting Endpoint Computers from Malware

- Scanning for malware
- Scan settings
- Quarantining malware
- Smart Scan
- Spyware/grayware protection
- Preventing outbreaks

### Protecting Endpoint Computers Through Behavior Monitoring

- Malware behavior blocking
- Ransomware protection
- Anti-exploit protection
- Fileless malware protection
- Newly encountered program detection
- Event monitoring
- Behavior monitoring exceptions

### Protecting Endpoint Computers from Unknown Threats

- Common Vulnerabilities and Exposures exploits
- Predictive machine learning
- Offline predictive machine learning

### Detecting Emerging Malware Through Trend Micro™ Connected Threat Defense

- Connected Threat Defense requirements
- Deep Discovery Analyzer
- Suspicious Objects

### Blocking Web Threats

- Web reputation
- Detecting suspicious connections
- Protecting against browser exploits

### Protecting Endpoint Computers Through Traffic Filtering

- Firewall filtering
- Application filtering
- Certified Safe Software list
- Stateful inspection
- Intrusion Detection System
- Firewall policies and profiles

### Preventing Data Leaks on Endpoint Computers

- Data Loss protection
- Installing Data Loss protection
- Configuring data identifiers, data loss prevention templates and policies
- Device control

### Deploying Policies Through Apex Central

- Apex Central
- Apex Central management modes
- Managing Apex One policies in Apex Central
- Data Discovery policies

### Blocking Unapproved Applications on Endpoint Computers

- Integrated Application Control
- Application Control criteria
- Implementing Application Control
- User-based Application Control
- Lockdown Mode
- Best practices

### Protecting Endpoint Computers from Vulnerabilities

- Integrated Vulnerability Protection
- Vulnerability Protection Pattern
- Implementing Vulnerability Protection
- Network Engine settings

### Detecting and Investigating Security Incidents on Endpoint Computers

- Integrated Endpoint Sensor
- Endpoint Detection and Response
- Apex One Incident Response Model
- Managed Detection and Response

### Troubleshooting Apex One

- Debugging the Apex One Server and Agents
- Troubleshooting communication issues
- Troubleshooting virus infection
- Troubleshooting Apex One services
- Troubleshooting sample submission

For More Information:

Please contact Trend Micro Education for additional information

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Securing Your Connected World

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