Trend Micro Apex One Training for Certified Professionals

Duration: 3 Days Course Code: TMAO

Overview:

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 longterm 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

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

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.

Testing and Certification

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Content:

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

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

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

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

Protecting Endpoint Computers from Unknown Threats :

Common Vulnerabilities and Exposures exploits

Predictive machine learning

Offline predictive machine learning

Detecting Emerging Malware Through Trend

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

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 sample submission Apex One

Debugging the Apex One Server and Agents

Troubleshooting communication issues

Troubleshooting virus infection

Troubleshooting Apex One services

Troubleshooting sample submission

Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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