Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Trend Micro Deep Security 11

CODE:	LENGTH:	PRICE:
TRM_DS11	24 Hours (3 days)	€1,500.00

Description

Trend Micro Deep Security 11. Training for Certified Professionals is a three-day, instructor-led training course where participants will learn how to use Trend Micro Deep Security for advanced hybrid-cloud security of physical, virtual and cloud-based servers. This course details the basic architecture of the Deep Security solution, deployment options, protection modules, policy configuration, and administration of the system.
As part of the course, participants will install Deep Security Manager in a virtual lab environment, deploy Deep Security Agents on a variety of Windows Server computers, and configure protection on these computers. Best practices and troubleshooting details for successful implementation and long-term maintenance of the system are also discussed.
This course is based on Deep Security 11.0

Objectives

Learn how to use Trend Micro Deep Security for advanced hybrid-cloud security of physical, virtual and cloud-based servers.

Audience

This course is designed for IT professionals who are responsible for protecting users, networks, data centers and cloud resources from data breaches and targeted attacks.
Individuals who will typically benefit from the training course include:

- System administrators
- Network engineers
- Support engineers
- Integration engineers
- Solution and Security Architects

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
- Firewalls and packet inspection devices
- VMware ESXi / vCenter / NSX
- Amazon AWS / Microsoft Azure / VMware vCloud
- Virtualization technologies

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

Programme

Course topics are divided into the following lessons.**Product Overview**

- Trend Micro solutions
- Introduction to Deep Security
- Deep Security Protection Modules
- Deep Security components

Deep Security Manager

- Server and operating system requirements
- Database requirements
- Deep Security Manager architecture and components
- Automating tasks
- Installing Deep Security Manager
- Upgrading Deep Security Manager
- Logging into the Deep Security Manager Web console

Deep Security Agent

- Deep Security Agent architecture
- Installing Deep security Agents
- Adding computers
- Activating Deep Security Agents
- Upgrading Deep Security Agents to Relays
- Distributing software and security updates
- Viewing computer protection status
- Organizing computers using groups and Smart Folders

Policies

- Policy inheritance and overrides
- Creating policies based on Recommendation Scans
- Creating new policies
- Common objects

Protecting Servers From Malware

- Enabling Anti-Malware protection
- Anti-Malware scanning techniques
- Viewing Anti-Malware-related events
- Reviewing identified files
- Smart Scan

Blocking Malicious Web Sites

- Enabling Web Reputation
- Setting the security level
- Viewing Web Reputation-related events

Filtering Traffic Using Firewall Rules

- Enabling the Deep Security Firewall
- Firewall Rules
- Traffic Analysis
- Rule order of analysis
- Stateful and pseudo-stateful filtering
- Port scanning
- Viewing Firewall-related events

Protecting Servers From Vulnerabilities

- Virtual Patching
- Protocol Hygiene
- Protocol Control
- Web Application Protection
- Enabling Intrusion Prevention
- Running Recommendation Scans
- Intrusions Prevention rules
- SSL filtering
- Protecting Web applications

Detecting Changes to Protected Servers

- Enabling Integrity Monitoring
- Running Recommendation Scans
- Detection changes to the baseline object
- Event tagging
- Viewing integrity Monitoring-related events

Blocking Unapproved Software

- Enforcement Modes
- Enabling Application Control
- Detecting software changes
- Creating an inventory of approved software
- Viewing Application Control-related events

Inspecting Logs on Protected Servers

- Enabling Log inspection
- Running Recommendation Scans
- Viewing Log Inspection-related events

Logging and Reports

- Enabling diagnostic logging
- Creating diagnostic packages
- Event forwarding
- Reporting
- Filtering report data

Activating and Managing Multiple Tenants

- Enabling Multi-Tenancy
- Creating tenants
- Managing tenants
- Activating Deep Security Agents on tenants
- Usage monitoring

Detecting Emerging Malware Through Connected Threat Defense

- Connected Threat Defense requirements
- Deep Discovery Analyzer
- Trend Micro Control Manager
- Integrating Deep Security into Connected Threat Defense

Protecting Virtual Machines Using the Deep Security Virtual Appliance

- Agentless protection
- Deploying Deep Security in VMWare ESXi environments
- Configuring Affinity settings
- Virtual Appliance deployment

Follow on courses

Please contact us training.ecs.it@arrow.com

Test and Certification

This course is taught by Trend-Micro certified trainers.
Upon completion of this course, participants may complete the certification examination to obtain designation as Trend Micro
Certified Professional for Deep Security.

Further Information

For any other information please contact training.ecs.it@arrow.com putting your contacts. You will be called back ASAP

Session Dates

Su richiesta. Contattaci al n.ro +39 0471 099134 oppure via mail a training.ecs.it@arrow.com

Informazioni aggiuntive

Questa formazione è disponibile anche come formazione in loco. Per favore, contattaci per saperne di più.