



Arrow ECS Finland Oy - Education Services

## TRAINING OFFERING

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# Symantec Endpoint Protection 14.x: Configure and Protect

<b>CODE:</b>	<b>LENGTH:</b>	<b>PRICE:</b>
SYM_SEP-CP	24 Hours (3 days)	€2,350.00

## Description

The Symantec Endpoint Protection 14.x: Configure and Protect course is designed for the network, IT security, and systems administration professionals in a Security Operations position who are tasked with configuring optimum security settings for endpoints protected by Symantec Endpoint Protection 14. This class brings context and examples of attacks and tools used by cybercriminals.

## Objectives

By the completion of this course, you will be able to:

- Secure endpoints against network and filebase threats
- Control endpoint integrity and compliance
- Enforce adaptive security posture

## Audience

Network, IT security, and systems administration professionals in a Security Operations position who are tasked with configuring optimum security settings for endpoints protected by Symantec Endpoint Protection 14

## Prerequisites

You must have a working knowledge of advanced computer terminology, including TCP/IP networking terms, Internet terms, and an administrator-level knowledge of Microsoft Windows operating systems.

## Programme

### Introduction

Course environment **Securing Endpoints against Network-Based Attacks**  
Lab environment **Attacks** **Introducing Network Threats**  
Describing how Symantec Endpoint Protection protects each layer of the network stack  
Discovering the tools and methods used by attackers Describing the stages of an attack

**Protecting against Network Attacks and Enforcing Corporate Policies using the Firewall Policy** Preventing network attacks  
Examining Firewall Policy elements Evaluating built-in rules Creating custom firewall rules  
Enforcing corporate security policy with firewall rules Blocking network attacks using protection and stealth settings

Configuring advanced firewall feature **Blocking Threats with Intrusion Prevention** Introducing Intrusion Prevention technologies  
Configuring the Intrusion Prevention policy Managing custom signatures Monitoring Intrusion Prevention events

### Securing Endpoints against File-Based

**Threats** **Introducing File-Based Threats** Describing threat types  
Discovering how attackers disguise their malicious applications Describing threat vectors  
Describing Advanced Persistent Threats and a typical attack scenario Following security best practices to reduce risks  
**Preventing Attacks with SEP Layered Security** Virus and Spyware protection needs and solutions  
Describing how Symantec Endpoint Protection protects each layer of the network stack Examining file reputation scoring  
Describing how SEP protects against zero-day threats and threats downloaded through files and email  
Describing how endpoints are protected with the Intelligent Threat Cloud Service  
Describing how the emulator executes a file in a sandbox and the machine learning engine's role and function

### Securing Windows Clients

Platform and Virus and Spyware Protection policy overview  
Tailoring scans to meet an environment's needs Ensuring real-time protection for clients  
Detecting and remediating risks in downloaded files Identifying zero-day and unknown threats  
Preventing email from downloading malware Configuring advanced options Monitoring virus and spyware activity

**Securing Mac Clients** Touring the SEP for Mac client **Securing Mac clients** Monitoring Mac clients **Securing Linux Clients**  
Navigating the Linux client Tailoring Virus and Spyware settings for Linux clients Monitoring Linux clients

### **Controlling endpoint integrity and compliance**Providing Granular Control with Host Integrity

Ensuring client compliance with Host Integrity Configuring Host Integrity Troubleshooting Host Integrity Monitoring Host Integrity

### **Controlling Application and File Access** Describing Application Control and concepts

Creating application rulesets to restrict how applications run Monitoring Application Control events

### **Restricting Device Access for Windows and Mac Clients**

Describing Device Control features and concepts for Windows and Mac clients Enforcing access to hardware using Device Control

### Discovering hardware access policy violations with reports, logs, and notifications **Hardening Clients with System Lockdown**

What is System Lockdown? Determining to use System Lockdown in Whitelist or Blacklist mode Creating whitelists for blacklists

Protecting clients by testing and Implementing System Lockdown. **Enforcing Adaptive Security Posture**

### **Customizing Policies based on Location** Creating locations to ensure the appropriate level of security when logging on remotely

Determining the criteria and order of assessment before assigning policies Assigning policies to location Monitoring locations on the SEPM and SEP

### **Managing Security Exceptions** Creating file and folder exceptions for different scan types

Describing the automatic exclusion created during installation Managing Windows and Mac exclusions

Monitoring security exceptions

## **Session Dates**

Aikataulutamme kiinnostuksen mukaan. [Ota yhteyttä](#)

## **Additional Information**

[This training is also available as onsite training. Please contact us to find out more.](#)