

# Endpoint Security 10.x Administration

## Education Services Instructor-led Training

Our McAfee® Endpoint Security 10X Administration course provides an in-depth introduction to the tasks crucial to set up and administer McAfee Endpoint Security (ENS). McAfee Endpoint Security combines threat prevention, firewall, and web control to take immediate action against potentially dangerous applications, downloads, websites, and files. This course combines lectures and practical lab exercises, with significant time allocated for hands-on interaction with the McAfee Endpoint Security user interface, as well as detailed instructions for the integration of this solution.

### Agenda At A Glance

#### Day 1

- Welcome
- Solution Overview
- Planning
- McAfee ePolicy Orchestrator® (McAfee ePO™) Server Overview
- Preparing the McAfee ePO Server
- Deploying the Client Endpoints
- Using the McAfee Endpoint Security Client
- Policy Management Overview
- Configuring Common Settings

#### Day 2

- Threat Prevention—Configuring Access Protection
- Threat Prevention—Exploit Prevention
- Threat Prevention—Configuring the On-Access and On-Demand Scanners

### Agenda At A Glance (continued)

#### Day 2 (continued)

- Configuring Other Threat Prevention Options
- Firewall Overview and Configuring Firewall Options

#### Day 3

- Configuring Firewall Rules and Groups
- Configuring Web Control
- Monitoring and Reporting
- Migrating Policies and Client Tasks
- McAfee Data Exchange Layer Overview
- McAfee Threat Intelligence Exchange Overview

#### Day 4

- Data Exchange Layer Management and Use
- Threat Intelligence Exchange Management and Use

### Audience

This course is intended for system and network administrators, security personnel, auditors, and/or consultants concerned with system endpoint security.

## Course Description

### Learning Objectives

#### Solution Overview

Describe the solution, including key features, benefits, and enhancements within this latest release.

#### Planning

Plan the deployment.

#### McAfee ePO Server Overview

Identify and navigate through commonly used McAfee ePO pages.

#### Preparing the McAfee ePolicy Orchestrator On-Premises Server

Add required packages and extensions to the McAfee ePO server.

#### Deploying the Client Endpoints

Deploy the Client Endpoints.

#### Using the McAfee Endpoint Security Client

Log in as an administrator and navigate through the client interface.

#### Policy Management Overview

Describe the purpose of McAfee ePO policies and communicate about key terms and concepts.

#### Configuring Common Settings

Configure common settings that apply to all McAfee Endpoint Security modules and features, such as Client interface, Language, Logging, Proxy server for McAfee Global Threat Intelligence (GTI) reputation, and Update configuration.

#### Threat Prevention—Configuring Access Protection

Describe Threat Prevention Access Protection features, and configure Access Protection settings to meet customer requirements.

#### Threat Prevention—Exploit Prevention

Identify Threat Prevention Exploit Prevention features, and configure Exploit Prevention settings to meet customer requirements.

#### Threat Prevention—Configuring the On-Access and On-Demand Scanners

Describe Threat Prevention On-Access Scanner and On-Demand Scanner features,

and configure scan settings to meet customer requirements.

#### Configuring Other Threat Prevention Options

Identify Quarantine Manager, Exclusions by Detection Name, and Potentially Unwanted Program (PUP) Detection features, and configure these feature settings to meet customer requirements.

#### Firewall Overview and Configuring Firewall Options

Describe Firewall features, communicate about key Firewall terms and concepts, and configure overall Firewall Options settings to meet customer requirements.

#### Configuring Firewall Rules and Groups

Identify the purpose of Firewall rules and groups, and configure Firewall rules and groups to meet customer requirements.

#### Configuring Web Control

Describe Web Control features, and configure Web Control settings to meet customer requirements.

#### Monitoring and Reporting

Monitor the solution using dashboards, queries, reports, and threat event detail.

#### Migrating Policies and Client Tasks

Identify the steps to migrate policies and client tasks manually and automatically.

#### McAfee Data Exchange Layer Overview

Describe the Data Exchange Layer (DXL) solution and its key features.

#### McAfee Threat Intelligence Exchange Overview

Describe the McAfee Threat Intelligence Exchange solution and its key features.

#### Data Exchange Layer Management and Use

Identify and distinguish between the policies required for a DXL environment.

#### Threat Intelligence Exchange Management and Use

Identify and distinguish between the policies required for a Threat Intelligence Exchange environment.

### Recommended Pre-Work

- Working knowledge of Windows and system administration, network technologies.
- Basic understanding of computer security, command line syntax, malware/anti-malware, virus/antivirus, and web technologies.
- Working knowledge of McAfee ePO software.

### Related Courses

- McAfee VirusScan® and McAfee ePO Software Administration
- McAfee Advanced Threat Defense Administration
- McAfee Web Gateway Administration

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