

# McAfee Advanced Threat Defense Administration

## McAfee® Education Services Instructor-Led Training

McAfee® Advanced Threat Defense enables organizations to detect advanced targeted attacks and convert threat information into immediate action and protection. Unlike traditional sandboxes, it includes additional inspection capabilities that broaden detection and expose evasive threats. In this course, you will learn how to set up and administer a McAfee Advanced Threat Defense solution, as well as integrate it with other McAfee solutions for sharing of threat intelligence across the network infrastructure.

**Earn up to 32 CPEs after completing this course.**

### Audience

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

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### Agenda at a Glance

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#### Day 1

- Welcome
- Solution Overview
- Planning the Deployment
- Installing and Setting Up McAfee Advanced Threat Defense
- Navigating the Web Interface
- Configuring Appliance Settings
- Creating Analyzer Virtual Machines
- Analyzing Malware

#### Day 2

- Configure a McAfee Advanced Threat Defense Cluster
  - Managing Content and Software
  - Basic Troubleshooting
  - McAfee® Network Security Platform Integration
  - McAfee® Web Gateway Integration
  - McAfee® Email Gateway Integration
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## COURSE DESCRIPTION

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### Agenda at a Glance

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#### Day 3

- McAfee® Enterprise Security Manager Integration
- McAfee® ePolicy Orchestrator® (McAfee ePO™) Software Integration
- Data Exchange Layer Fundamentals
- Configuring and Using Data Exchange Layer
- McAfee® Threat Intelligence Exchange Fundamentals
- Configuring and Using McAfee Threat Intelligence Exchange

#### Day 4

- McAfee® Active Response Fundamentals, Management, and Use

### Learning Objectives

#### Solution Overview

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

#### Planning

Plan the deployment.

#### Installing and Setting up McAfee Advanced Threat Defense

Ensure appliance is installed, configure initial appliance settings, and verify the web application is accessible.

#### Navigating the Web Interface

Log in to and navigate the web application, identify commonly used web application, pages, and command line interface and become familiar with interface conventions and controls.

#### Configuring Appliance Settings

Configure and manage McAfee Advanced Threat Defense appliance settings, as necessary—for example: user accounts, external servers, telemetry, and web certificates.

#### Creating Analyzer Virtual Machines

Identify how to create an analyzer virtual machine for a supported operating system, upload and convert a virtual machine disk (VMDK) file, and view log files to monitor the status.

#### Managing Virtual Machine and Analyzer Profiles

Create and manage analyzer virtual machine (VM) profiles.

#### Analyzing Malware

Submit content for analysis, interpret the results, generate reports, and manage the whitelists and

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### Recommended Pre-Work

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- Solid knowledge of Windows and system administration and network technologies
- Solid knowledge of computer security, command line syntax, malware/anti-malware, virus/antivirus, and web technologies
- Prior experience with one or more of these McAfee solutions: McAfee ePO software, McAfee Network Security Platform, and/or McAfee Web Gateway Integration

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### Related Courses

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- McAfee Network Security Platform Administration
- McAfee Email Gateway Administration
- McAfee Enterprise Security Management System Administration
- McAfee Web Gateway Administration
- McAfee® VirusScan® and McAfee ePO Software Administration

## COURSE DESCRIPTION

### Configuring a McAfee Advanced Threat Defense Cluster

Configure and manage a McAfee Advanced Threat Defense cluster.

### Managing Content and Software

Manage security content and software updates and upgrades.

### Basic Troubleshooting

Identify and use resources and tools helpful for basic troubleshooting.

### McAfee Dynamic Endpoint Protection

Integrate other McAfee solutions with McAfee Advanced Threat Defense for deeper analysis and threat information sharing.

### Learn More

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To order, or for further information, please email [SecurityEducation@mcafee.com](mailto:SecurityEducation@mcafee.com).



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