Course Description

McAfee Advanced Threat Defense Administration

Education Services Instructor-led Training

Earn up to 32 CPEs after completing this course

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 Intel® Security solutions for sharing of threat intelligence across the network infrastructure.

Agenda At A Glance

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

Day 2

- Managing Virtual Machine and Analyzer Profiles
- Analyzing Malware
- Configuring an Advanced Threat Defense Cluster
- Managing Content and Software
- Basic Troubleshooting

Agenda At A Glance (continued)

Day 3

- McAfee Network Security Platform Integration
- McAfee Web Gateway Integration
- McAfee Email Gateway Integration
- McAfee Enterprise Security Manager Integration
- McAfee ePolicy Orchestrator® (McAfee ePO™) software Integration

Day 4

- McAfee Dynamic Endpoint Protection

Audience

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

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Course Description

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 whitelist and blacklist.

Configuring an Advanced Threat Defense Cluster
Configure and manage an 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 Advanced Threat Defense for deeper analysis and threat information sharing.

Recommended Pre-Work

- Solid knowledge of Windows and system administration, 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.

Related Courses

- 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

To order, or for further information, please call 1 888 847 8766 or email **SecurityEducation@intel.com**.

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