

McAfee Advanced Threat Defense Administration

McAfee® Education Services guided on-demand training

The McAfee® Advanced Threat Defense Administration 4.2 guided on-demand course from McAfee Education Services offers you comprehensive and focused multimedia training from experienced instructors in a self-paced environment at your desk. The course delivers the same curriculum as the instructor-led training through virtual, on-demand coursework, recorded instructor presentations, use case scenarios from McAfee best practices and experiences, and hands-on lab exercises. You'll have email access to the instructor to get your questions answered.

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.

Audience

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

Agenda at a Glance

Modules 1-9

- 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
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COURSE DESCRIPTION

Agenda at a Glance

Modules 10–16

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

Modules 17–20

- McAfee® Email Gateway Integration
- McAfee® Enterprise Security Manager Integration

- McAfee® ePolicy Orchestrator® (McAfee ePO™) Software Integration
- Data Exchange Layer Fundamentals
- Configuring and Using Data Exchange Layer

Modules 21–23

- McAfee® Threat Intelligence Exchange Fundamentals
- Configuring and Using McAfee Threat Intelligence Exchange
- McAfee® Active Response Fundamentals, Management, and Use

Recommended Pre-Work

- Solid knowledge of Microsoft Windows, 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

Learning Objectives

Solution Overview

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

Planning

Plan the deployment.

Configuration and User Management

Configure solution features and components. Create and modify user accounts and administrative domains.

Basic Sensor Management

Install and manage sensors.

Virtualization

Configure virtual Interfaces and sub-interfaces.

Policy Configuration and Tuning

Identify, configure, customize, and tune policies.

Threat Explorer and Attack Log

Navigate Threat Explorer and Attack Log.

Advances Malware Detection

Describe attack types and configure protection against attacks.

Report Generation

Generate reports and activity logs.

Database Maintenance

Describe best practices for database maintenance.

Learn More

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