

# McAfee Application Control and McAfee Change Control Administration (8.0)

## McAfee® Education Services Instructor-led Training

The McAfee® Application Control and McAfee® Change Control Administration course from McAfee Education Services provides in-depth training on the tools you need to efficiently install, configure, operate, and troubleshoot issues relating to McAfee Application Control and McAfee Change Control to safeguard intellectual property and ensure compliance. The course details how this solution uses McAfee® ePolicy Orchestrator® (McAfee® ePO™) software for centralized management. It also explains how to use McAfee Application Control's dynamic whitelisting to ensure that only trusted applications run on devices, servers, and desktops and how to use McAfee Change Control to monitor and prevent changes to the file system, registry, and user accounts.

### 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
- McAfee ePO overview
- McAfee Application Control and McAfee Change Control overview
- Planning a managed deployment
- Install McAfee Application Control and McAfee Change Control extension
- McAfee Application Control and McAfee Change Control server tasks and permission sets
- McAfee Application Control client

#### Day 2

- Rule groups and rules
- McAfee Application Control policies
- McAfee Application Control trust model
- Modify protected files

## COURSE DESCRIPTION

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### Agenda At A Glance

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#### Day 3

- McAfee Application Control inventory
- McAfee Change Control
- Integrity Monitoring
- Events and alerts
- Dashboards and reporting

#### Day 4

- Troubleshooting
  - Administration using the command line interface
  - Recommended practices
  - Case studies
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### Learning Objectives

#### Welcome

Become familiar with McAfee information and support resources and feedback mechanisms.

#### McAfee Application Control and McAfee Change Control Overview

Describe McAfee Application Control and McAfee Change Control components, features, and functionality.

#### Planning a managed deployment

Describe the prerequisites and key parts of a deployment plan, and identify solution considerations and pilot plan phases.

#### Install McAfee Application Control and McAfee Change Control extension

Describe how to add the McAfee Application Control and McAfee Change Control extension to the McAfee ePO server and verify installation.

#### McAfee Application Control and McAfee Change Control server tasks and permission sets

Identify default permissions sets included with McAfee ePO software, McAfee Application Control, and McAfee Change Control and understand the product-specific server tasks created after deployment.

#### McAfee Application Control client

Describe how to enable and disable McAfee Application Control client tasks, describe end-user notifications, events, and approvals, and customize end-user notifications.

#### Rule groups and rules

Explain rule groups, rule group ownership, and rule groups permissions, configure and manage rule groups, and describe McAfee Application Control, McAfee Change Control, and Integrity Monitoring rule group tabs.

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### Recommended Pre-Work

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- 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 using McAfee ePO software

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### Related Courses

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- McAfee ePolicy Orchestrator Administration

## COURSE DESCRIPTION

### McAfee Application Control policies

Describe McAfee Application Control policies and their relationship to rule groups, define the role of the policy, and configure policies.

### McAfee Application Control trust model

Understand the basics of whitelisting and design the McAfee Application Control trust model.

### Modify protected files

Understand how to use Update mode and Observe mode, and describe how to make rule modifications.

### McAfee Application Control Inventory

Navigate the Inventory menus, describe how to fetch and manage an Inventory, and explain how to compare an Inventory.

### McAfee Change Control

Discuss how to use write protection and read protection in policies, define updaters and authorized users, and configure McAfee Change Control.

### Integrity Monitoring

Configure Integrity Monitoring policies, reduce “noise” using the Advanced Exclusion Filter, and understand how to use content change tracking.

### Events and alerts

Describe how McAfee Application Control events are handled in McAfee ePO software, understand when to use one-click exclusion, and configure McAfee Application Control alerts in McAfee ePO software.

### Dashboards and Reporting

View and use McAfee Application Control dashboards and queries, and view reports.

### Troubleshooting

Identify client versus McAfee ePO software handling, locate log file and key resources, use troubleshooting tools, and troubleshoot feature implementation issues.

### Administration using the command line interface

Use the command line interface to administer systems not connected to the McAfee ePO server.

### Recommended practices

Identify best practices for initial setup, testing, policy creation and tuning, and maintenance.

### Case studies

Create your own McAfee Application Control and McAfee Change Control policies without guidance, and create a notification for violations of these policies.

### Learn More

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To order or for further information, email

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