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.

COURSE DESCRIPTION

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

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

Agenda At A Glance

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

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 using McAfee ePO software

Learning Objectives

Welcome
Became 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.

Related Courses

- 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
To order or for further information, email SecurityEducation@mcafee.com.