

McAfee Data Loss Prevention Endpoint Administration (2.0)

Education Services Instructor-led Training

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The McAfee® Data Loss Prevention Endpoint Administration course from McAfee Education Services provides in-depth training on the tools you need to design, implement, configure, and use McAfee Data Loss Prevention Endpoint 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 monitor and address risky, day-to-day end-user actions such as emailing, web posting, printing, clipboards, screen captures, device control, uploading to the cloud, and more.

Agenda At A Glance

Day 1

- Welcome
- Data Loss Prevention Solution Overview
- Data Loss Prevention Endpoint Fundamentals
- Planning the Deployment
- Preparing the Enterprise Environment
- Installing Data Loss Prevention Endpoint Software
- Deploying Client Endpoints

Agenda At A Glance (continued)

Day 2

- Configuring the Client
- Help Desk
- Configuring Permission Sets
- Data Loss Prevention Policy Manager Overview
- Privileged Users and End-User Group Definitions
- Device Control
- Device Rule Sets and Rules

Audience

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

Course Description

Agenda At A Glance (continued)

Day 3

- Classifying Sensitive Content
- Content Fingerprinting and Classification Criteria Rules
- Data Protection Definitions
- Configuring Data Protection Rules
- Endpoint Discovery

Agenda At A Glance (continued)

Day 4

- Monitoring and Reporting
- Basic Troubleshooting
- Protecting Files with Rights Management
- McAfee File and Removable Media Protection

Learning Objectives

Welcome

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

Data Loss Prevention Solution Overview

Describe the solution, its features, and its functionality.

Data Loss Prevention Endpoint Fundamentals

Describe the McAfee Data Loss Prevention Endpoint solution, its key features, deployment architecture, and new features and enhancements for this release.

Planning the Deployment

Describe the business, software, hardware, and component requirements to consider when planning deployment.

Preparing the Enterprise Environment

Prepare Active Directory, add a resource folder, and configure sharing, permissions, and security settings.

Installing McAfee Data Loss Prevention Endpoint Software

Describe how to add Data Loss Prevention Endpoint extensions and packages to the McAfee ePO server and verify installation.

Deploying Client Endpoints

Describe the ways to deploy the software to endpoints, deploy it, and verify the success of the deployment.

Configuring the Client

Describe how to configure the Data Loss Prevention Client Configuration Policy and ensure policies are assigned to the appropriate groups or systems.

Help Desk

Describe the purpose of the Data Loss Prevention Help Desk and its key features, configure the Help Desk feature, and use the Help Desk feature to generate keys.

Configuring Permission Sets

Identify default permission sets included with McAfee ePO and Data Loss Prevention Endpoint software, and create custom permission sets.

McAfee Data Loss Prevention Policy Manager Overview

Access the Data Loss Prevention Policy Manager and navigate through Data Loss Prevention Policy Manager tabs to become familiar with its design and use.

Privileged Users and End-User Group Definitions

Register Active Directory server, create a Privileged User, and create End-User Group definitions.

Device Control

Describe the Device Control feature, and configure Device Control to meet customer requirements.

Course Description

Device Rule Sets and Rules

Identify the built-in rule sets and rules available for use, describe the parts of a device rule, and create device rules to meet customer requirements.

Classifying Sensitive Content

Explain classification definitions and criteria and the Classification module features.

Content Fingerprinting and Classification Criteria Rules

Explain how to create content fingerprinting criteria, how to create content classification rules, and how persistent fingerprinting works.

Data Protection Definitions

Identify data protection definitions and their associated data protection rules, create definitions used for data protection rules, and configure end-user notifications and justifications.

Configuring Data Protection Rules

Identify the building blocks for data protection rules, build data protection rules to meet customer requirements, and provide examples of use cases for data protection rules.

Endpoint Discovery

Identify the built-in endpoint discovery rule sets and rules available for immediate use, identify the parts of a discovery rule, and create discover rules to meet customer requirements.

Monitoring and Reporting

Identify and use the monitoring and reporting features of Data Loss Prevention Enterprise, including Data Loss Prevention Incident Manager, Data Loss Prevention Operational Events, and Data Loss Prevention Case Management.

Basic Troubleshooting

Describe the use of the Diagnostic Tool and how to use Debug Logging.

Protecting Files with Rights Management

Explain how Rights Management works in the McAfee Data Loss Prevention environment, and configure and use supported Rights Management products.

McAfee File and Removable Media Protection

Describe the McAfee File and Removable Media Protection solution and install the solution.

Recommended Pre-Work

- 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 using McAfee ePO software.

Related Courses

- McAfee ePolicy Orchestrator Administration
- McAfee Endpoint Security Administration

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

