

# McAfee Web Gateway Administration

## McAfee® Education Services Instructor-Led Training

The McAfee® Web Gateway Administration course from McAfee Education Services provides an in-depth introduction to the tasks crucial to setting up and administering McAfee Web Gateway effectively. The course combines lectures and practical lab exercises, with significant time allocated for hands-on interaction with the McAfee Web Gateway user interface. It provides detailed instructions for the integration of this product.

### Audience

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

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### Course Goals

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- Identify the purpose of the solution, as well as its key features.
- Plan the deployment.
- Install and configure solution components.
- Configure rules, rule sets, lists, and related components to meet customer security, performance, and usage requirements.
- Implement controls for administrator access.
- Monitor the solution's operation and performance.
- Gather information about the solution and generate reports for more detailed analysis.

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### Agenda at a Glance

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#### Day 1

- Welcome
- Solution Overview
- Planning
- Installation
- System Configuration
- Policy Overview
- Rule, Rule Sets, and List Configuration

#### Day 2

- McAfee® Global Threat Intelligence and URL Filtering
- Media Type Filtering
- Malware Filtering
- Authentication and Account Management
- Secure Socket Layer (SSL) Scanning

## COURSE DESCRIPTION

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### Agenda at a Glance

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#### Day 3

- Quota Management and Coaching
- Web Caching, Next Hop Proxies, Progress Pages, and Block Pages
- Cloud Storage Encryption and Decryption (no lab)
- Logging
- Dashboards and Monitoring
- Content Reporting System

#### Day 4

- Advanced Management
  - Basic Troubleshooting
  - Web Hybrid Solution (no lab)
  - McAfee® Advanced Threat Defense Overview and Integration
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### Recommended Pre-Work

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It is recommended that students have a working knowledge of Microsoft Windows administration, system administration concepts, a basic understanding of computer security concepts, and a general understanding of internet services.

### Course Outline

#### Module 1—Welcome

- About the Course
- Acronyms and Terms
- McAfee Community

#### Module 2—Solution Overview

- Challenges of Effective Web Security
- Key Features

#### Module 3—Planning

- Planning Considerations

#### Module 4—Installation

- Installation Considerations

#### Module 5—System Configuration

- Configuration Considerations

#### Module 6—Policy Overview

- Policy Overview
- How Rules and Rule Sets Work
- Permissions

#### Module 7—Rule, Rule Set, and List Configuration

- Review: Filtering Traffic, Transactions, Cycles, and Rule Operation
- Default Rule Sets with Preconfigured Rules
- Rule/Rule Set/List Design

#### Module 8—McAfee Global Threat Intelligence (McAfee GTI) and URL Filtering

- URL Filtering Overview
- McAfee GTI Overview
- Gateway Anti-Malware Engine Overview
- URL Filter Engine Overview

## COURSE DESCRIPTION

### Module 9—Media Type Filtering

- Media Type Filtering Overview
- Default Enable Opener Rule
- Default Media Type Filtering Rule Set
- McAfee® Data Loss Prevention (McAfee DLP)

### Module 10—Malware Filtering

- Anti-Malware Scanning Engines and Behavior
- Configuring Engines
- Malware Filtering Overview
- Rule Construction Overview

### Module 11—Authentication and Account Management

- Configuring Authentication Method
- Rule Construction
- Default Authentication Rule Sets
- Administrator Management Overview

### Module 12—Secure Socket Layer Scanning

- SSL Scanning Engines
- Certificate Handling
- Configuring SSL
- Rule Sets

### Module 13—Quota Management and Coaching

- Coaching
- Configuring Time, Volume, Authorized and Blocking Sessions Engine Settings
- Rule Handling
- Rule Set Handling

### Module 14—Web Caching, Next Hop Proxies, Progress Pages, and Block Pages

- Web Caching Overview
- Next Hop Proxies
- Progress Indication and Block Pages Overview
- Basic Components

### Module 15—Cloud Storage Encryption and Decryption

- Importing Cloud Storage Encryption Rule Set
- Configuring Cloud Storage Encryption Engines
- Ensuring Secure Communications
- Data Encryption

### Module 16—Logging

- Rule-Based Logging Overview
- System Log Files
- User Defined Log Files
- Rule Options

## COURSE DESCRIPTION

### Module 17—Dashboards and Monitoring

- McAfee® Web Gateway Dashboard Overview
- Alerts and Charts and Tables Tabs
- McAfee® ePolicy Orchestrator® (McAfee ePO™) Software Solution Integration
- Queries Overview

### Module 18—McAfee Content Security Reporter

- McAfee® Content Security Reporter Overview
- McAfee Content Security Reporter Integration
- Maintaining McAfee Content Security Reporter

### Module 19—Advanced Management

- Central Management Overview
- How It Works
- Configuring and Using Central Management

### Module 20—Basic Troubleshooting

- Common Problem Areas
- Performing a Backup and Restore
- Creating a Feedback File
- Troubleshooting Tools

### Module 21—Web Hybrid Solution

- Configuring and Using a Web Hybrid Solution
- McAfee® Client Proxy Solution Overview
- Deploying with McAfee ePO Software
- Deploying Outside of McAfee ePO Software
- Configuration Considerations

### Module 22—McAfee Advanced Threat Defense Overview and Integration

- Malware Challenges
- McAfee® Advanced Threat Defense Integration
- McAfee Advanced Threat Defense Basic Solution Components and Considerations
- Configuring Rule Sets

### Learn More

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To order, or for further information, please email [SecurityEducation@mcafee.com](mailto:SecurityEducation@mcafee.com).



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JUNE 2018