McAfee™

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.

Earn up to 32 CPEs after completing this course.*

* Student must self-report for CPE credits. We cannot guarantee any specific quantity, as it is up to the program or certification group to determine what they will or will not accept.

Audience

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

Agenda at a Glance

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 and Data Loss Prevention
- Malware Scanning
- Authentication and Account Management
- HTTPS Scanning

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Agenda at a Glance

Day 3
- Quota Management and Coaching
- Web Caching, Next Hop Proxies, Progress Pages, and Block Pages
- Logging
- Dashboards and Monitoring
- Content Reporting System

Day 4
- Advance Management
- Basic Troubleshooting
- Web Hybrid Solution
- McAfee® Advanced Threat Defense Overview and Integration

Recommended Pre-Work

- Solid knowledge of Microsoft Windows and system administration and network technologies
- Solid knowledge of computer security, command line syntax, malware/anti-malware, virus/antivirus, and web technologies

Learning Objectives

Solution Overview
Describe the solution, including key features, benefits, and enhancements within this latest release.

Planning
Planning considerations.

Installation
Installation considerations and best practices.

System Configuration
Perform key system configurations.

Policy Overview
Overview of policies, rules, and rule sets.

Rule, Rule Sets, and List Configuration
Review rules, rule sets, and list design.

McAfee Global Threat Intelligence (McAfee® GTI) and URL Filtering
Overview of URL Filtering, McAfee GTI, Gateway Anti-Malware, and URL Filter engine.

Media Type Filtering and Data Loss Prevention
Overview of Media Type Filtering and McAfee® Data Loss Prevention.

Malware Scanning
Overview of anti-malware scanning engines and behavior, as well as configuring engines.

Authentication and Account Management
Configuring authentication method and rules.

HTTPS Scanning
Review SSL scanning engine, certificate handling, and SSL rule sets.

Quota Management and Coaching

Describe coaching and coaching rule sets based on time and volume.

Web Caching, Next Hop Proxies, Progress Pages, and Block Pages

Overview of web caching, next hop proxies, progress pages, and block pages.

Logging

Overview of rule-based logging, system log files, and user-defined log files.

Dashboards and Monitoring

Overview of Web Gateway dashboards, alerts and charts as well as McAfee® ePolicy Orchestrator® (McAfee ePO™) software solution integration.

McAfee Content Security Reporter

Overview of McAfee® Content Security Reporter and its integration with McAfee Web Gateway.

Advance Management

Overview of how McAfee Web Gateway reverse proxy setup, McAfee Web Gateway as Internet Content Adaptation Protocol (ICAP) server, central management cluster, high-availability (HA) proxy, and representational state transfer (REST) interface works.

Basic Troubleshooting

Identify common problem areas and key troubleshooting tools.

Web Hybrid Solution

Describe Web Hybrid solution and its configuration.

McAfee Advanced Threat Defense Overview and Integration

Describe malware challenges and integration of McAfee Advanced Threat Defense with McAfee Web Gateway.

Learn More

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