McAfee Web Gateway Administration

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.

**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
- Secure Socket Layer (SSL) Scanning

**Audience**

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

**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 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 enhancement 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, 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.
Secure Socket Layer (SSL) Scanning
Review SSL Scanning engine, certificate handling and SSL rule sets.

Quota Management and Coaching
Describe coaching, 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 central management cluster, HA proxy and 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 Web Gateway.