



FortiMail

In this 2-day class, you will learn how to use FortiMail.

In interactive labs, you will explore FortiMail's role as a specialized device, and how its features extend beyond FortiGate email filtering to provide both high-performance and in-depth security for business-critical communications.

You will analyze MMS & email security challenges that administrators from small businesses to carriers face. These administrative fundamentals will provide you with a solid understanding of where and how to deploy and troubleshoot FortiMail, including FortiSandbox integration.

Product Version

FortiMail 5.3

Formats

- Instructor-led classroom
- Instructor-led online*
- Self-paced online

* Private class only. Please contact your Fortinet Sales Representative.

Agenda

- 1 Email Concepts
- 2 Basic Setup
- 3 Server Mode
- 4 Access Control
- 5 SSL/TLS
- 6 Session Monitoring
- 7 Antivirus & Content Inspection
- 8 Antispam
- 9 IBE
- 10 High Availability
- 11 Gateway & Transparent Mode
- 12 Diagnostics

Objectives

After completing this course, you will be able to:

- Integrate FortiMail with FortiSandbox
- Use FortiMail flexibly — for secure webmail and calendar, a shield for Microsoft Exchange, or as an ISP for clean pipes
- Deploy HA & redundant infrastructure for ultimate uptime of mission-critical email
- Protect the priceless reputation of your MTA on spam blacklists
- Secure email transmission via best-of-breed technologies: SMTPS, SMTP over TLS, S/MIME, & IBE
- Archive email for compliance
- Leverage your existing LDAP / Active Directory server for user preferences & authentication
- Eliminate spear phishing, leaks, and zero-day viruses
- Throttle client connections, blocking MTA abuse
- Understand the system architecture of a FortiMail appliance: how email flows through its modules, how it



applies intelligent routing and policies to email, and what parts of the configuration to check if legitimate email is being detected as spam

- Block spam with sophisticated techniques: deep header inspection, heuristics, recipient verification, PDF/image scans, third-party DNSBL and SURBL queries, and the FortiGuard Antispam service

Who Should Attend

Anyone who is responsible for day-to-day management of a FortiMail appliance.

Prerequisites

- Experience with email servers
- Basic understanding of network security

System Requirements

If you take an online format of this class, you must have a computer with:

- High-speed Internet connection
- Up-to-date web browser
- PDF viewer
- Speakers / headphones
- Either:
 - HTML 5 support or
 - Up-to-date Java runtime environment (JRE) with Java plugin enabled in your web browser

Wired Ethernet connection (not Wi-Fi) recommended. Firewalls including Windows Firewall or FortiClient must allow connections with the online labs.

Certification

This course prepares you for the FortiMail 5.3 Specialist Exam. This course is part of preparation for the NSE 6 certification exam.