

F5 Networks – Application Security Manager

Vendor Course Code: F5 SECURE

Course Length: 4 days

Overview: This four-day course covers ways to manage Web-based and XML application attacks and the use of Application Security Manager to defend against these attacks. The course covers installation, configuration, management, security policy building, traffic learning, and implementation of Application Security Manager in both stand-alone and modular configurations. This class includes lectures, labs, demonstrations, and discussions.

Skills Gained: Upon completing this course, a student will be able to install and understand web application configuration and configure a security policy based on live traffic, Wildcard entities and Rapid Deployment techniques. Additionally, a student will be able to monitor and administer Application Security Manager.

Key Topics:

- Installation and Licensing
- HTTP and HTML Concepts
- Web Application Concepts
- Common Vulnerabilities
- Security Policy Configuration
- Traffic Forensics
- Ongoing Policy Management
- ASM Application Flow
- Enhancing Standard Policies
- APC & Policy Building Tools
- ASM Learning
- Advanced Policy Configuration
- Major Practical Lab Projects

Target Audience: This class is intended for security and network administrators who will be responsible for the installation and day-to-day maintenance of the Application Security Manager.

Prerequisites:

- Participants should understand:
 - Basic HTTP and HTML concepts
 - Basic security concepts
 - Common network terminology
 - Web application terminology
- In addition, participants should be proficient with:
 - Basic PC operation and application skills, including operating a keyboard, mouse, Linux and Windows OS
 - Basic Web browser operation (Internet Explorer and Mozilla Firefox are used in class)
 - TCP/IP Addressing and Routing