

Training: F5 Networks  
Configuring BIG-IP ASM II Application Security Manager - Advanced  
Workshop



Please contact us by phone using the form below in order to perform calculations as training

## TRAINING GOALS:

This course gives users of **ASM** a further understand of its features and functions. The course aims to add detail and depth to subjects covered in the four day configuration course. It looks at common administrative and operation tasks, building to give a full working knowledge of the tasks needed to keep an ASM in optimum condition. The workshop is lecture driven with hands on labs, system testing and discussions.

### Audience

The course is intended for network administrators, operators and engineers responsible for managing the normal day-to-day operation and administration of **BIG-IP Application Security**.

## CONSPECT:

- A day in the life of an ASM.
  - What to watch and how to optimise the system.
  - In depth look at Logs
  - Traffic Learning and Resources
  - Resource Allocation, Memory, CPU utilization
  - LAB
- The ASM Database
  - Understanding the backend database.
  - Reset & Repair
  - Trouble shooting
  - LAB
- Signatures
  - Downloads and Automation.
  - Recommendations following Updates
  - System Signature Staging vs Individual Signature Staging
  - LAB
- IP Address Intelligence

- Setting up
- Configuring
- Best practise
- LAB
- Trouble shooting
  - Trouble shooting logic
  - Best practises.
  - Resource allocation/memory & CPU
  - LAB
- Denial of Service
  - Rate Limiting
    - Source
    - URL
  - Thresholds
  - BOT Detection
  - System Wide
  - Heavy URLs
  - Stress Based Detection
  - LAB
- Session Awareness
  - Delay Blocking
  - IP Address
  - Blocking Periods
  - User Name
  - Session
  - LAB

## REQUIREMENTS:

Students are required to complete all of the following F5 prerequisites before attending this course:

- [Administering BIG-IP](#)
- F5 Certified BIG-IP Administrator <https://f5.com/education/certification>
- [Configuring BIG-IP ASM Application Security Manager](#)

The following web-based courses, although optional, will be very helpful for any student with limited BIG-IP administration and configuration experience:

- Getting Started with BIG-IP web-based training  
<https://f5.com/education/training/free-courses/getting-started-with-big-ip>
- Getting Started with BIG-IP Application Security Manager (ASM)  
<https://f5.com/education/training/free-courses/getting-started-with-big-ip-application-security-manager-asm>

Students should understand:

- TMOS administration
- Network concepts and configuration
- Programming concepts
- Web application delivery
- Communications service provider

Students should have working accounts for the following websites.

<http://Askf5.com>

<http://Devcentralf5.com>

### Difficulty level



### CERTIFICATE:

The participants will obtain certificates signed by F5 Networks (course completion).

### TRAINER:

Certified F5 Networks Trainer.