

Configuring F5 Advanced WAF

The BIG-IP Application Security Manager course gives participants a functional understanding of how to deploy, tune, and operate BIG-IP Application Security Manager (ASM) to protect their web applications from HTTP-based attacks.

The course includes lecture, hands-on labs, and discussion about different ASM components for detecting and mitigating threats from multiple attack vectors such web scraping, Layer 7 Denial of Service, brute force, bots, code injection, and zero day.

Détails

- Code : PROD-ASM
- Durée : 4 jours (28 heures)

Public

Pré-requis

- Administering BIG-IP

Objectifs

Programme

Items

- Setting up the BIG-IP system
- Traffic processing with BIG-IP Local Traffic Manager (LTM)
- Web application concepts
- Web application vulnerabilities
- Security policy deployment
- Security policy tuning
- Attack signatures
- Positive security building
- Securing cookies and other headers
- Reporting and logging
- User roles
- Policy modification, merging, and exporting
- Advanced parameter handling
- Using application templates
- Using Automatic Policy Builder
- Integrating with web vulnerability scanners
- Login enforcement and session tracking
- Web scraping detection and mitigation
- Layer 7 DoS protection
- ASM and iRules
- XML and web services support
- AJAX and JSON support

Modalités

- **Type d'action** :Acquisition des connaissances
- **Moyens de la formation** :Formation présentielle – 1 poste par stagiaire – 1 vidéo projecteur – Support de cours fourni à chaque stagiaire
- **Modalités pédagogiques** :Exposés – Cas pratiques – Synthèse
- **Validation** :Exercices de validation – Attestation de stages