Enterprise Computing Solutions - Education Services

TRAINING OFFERING

Du kan nå oss här

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Configuring BIG-IP Advanced WAF: Web Application Firewall 17.5

CODE:	LENGTH:	PRICE:
F5N_BIG-AWF-CFG	32 Hours (4 days)	kr38,500.00

Description

In this 4 day course, students are provided with a functional understanding of how to deploy, tune, and operate F5 Advanced Web Application Firewall to protect their web applications from HTTP-based attacks.
The course includes lecture, hands-on labs, and discussion about different F5 Advanced Web Application Firewall tools 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 exploits.
Vouchers are purchased directly from the test delivery providers:

- Pearson Vue
- Certiverse

For details, view F5's Certification website.

Objectives

- Describe the role of the BIG-IP system as a full proxy device in an application delivery network
- Provision F5 Advanced Web Application Firewall resources
- Define a web application firewall
- Describe how F5 Advanced Web Application Firewall protects a web application by securing file types, URLs, and parameters
- Deploy F5 Advanced Web Application Firewall using the Rapid Deployment template (and other templates) and define the security checks included in each
- Define learn, alarm, and block settings as they pertain to configuring F5 Advanced Web Application Firewall
- Define attack signatures and explain why attack signature staging is important
- Contrast positive and negative security policy implementation and explain benefits of each
- Configure security processing at the parameter level of a web application
- Use an application template to protect a commercial web application
- Deploy F5 Advanced Web Application Firewall using the Automatic Policy Builder
- Tune a policy manually or allow automatic policy building
- Integrate third party application vulnerability scanner output into a security policy
- Configure login enforcement and session tracking
- Configure protection against brute force, web scraping, and Layer 7 denial of service attacks
- Implement iRules using specific F5 Advanced Web Application Firewall events and commands
- Use Content Profiles to protect JSON and AJAX-based applications
- Implement Bot Signatures
- Implement Proactive Bot Defense

Prerequisites

There are no F5-technology-specific prerequisites for this course. However, completing the following before attending would be very helpful for students with limited BIG-IP administration and configuration experience:
Administering BIG-IP instructor-led course
-or-
F5 Certified BIG-IP Administrator
The following free web-based training courses, although optional, will be very helpful for any student with limited BIG-IP administration and configuration experience. These courses are available at F5 University:

- Getting Started with BIG-IP web-based training
- Getting Started with BIG-IP Application Security Manager (ASM) web-based training

The following general network technology knowledge and experience are recommended before attending any F5 Global Training Services instructor-led course:

- OSI model encapsulation
- Routing and switching
- Ethernet and ARP
- TCP/IP concepts
- IP addressing and subnetting
- NAT and private IP addressing
- Default gateway
- Network firewalls
- LAN vs. WAN

Programme

- Resource provisioning for F5 Advanced Web Application Firewall
- 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
- Policy Diff, merging, and exporting
- Advanced parameter handling
- Using application templates
- Using Automatic Policy Builder
- Integrating with web vulnerability scanners
- Login enforcement
- Brute force mitigation
- Session tracking
- Web scraping detection and mitigation
- Geolocation Enforcement and IP Address Exceptions
- Using Parent and Child policies
- Layer 7 DoS protection
- F5 Advanced Web Application Firewall and iRules
- Using Content Profiles for AJAX and JSON applications
- Advanced Bot Detection and Defense
- Proactive Bot Defense

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
16 Nov 2026	Virtual Classroom (CET)	CET	English	Instructor Led Online		kr38,500.00
15 Feb 2027	Virtual Classroom (CET)	CET	English	Instructor Led Online		kr38,500.00
12 Apr 2027	Virtual Classroom (CET)	CEDT	English	Instructor Led Online		kr38,500.00
07 Jun 2027	Virtual Classroom (CET)	CEDT	English	Instructor Led Online		kr38,500.00

Ytterligare information

Denna utbildning finns också som utbildning på plats. Kontakta oss för mer information.