Training: F5
Mitigating Vulnerabilities with NGINX App Protect

TRAINING GOALS:

This 2 day course gives participants a functional understanding of how to deploy and operate NGINX App Protect WAF to protect their web applications from the most common web application vulnerabilities and Layer 7 denial of service attacks.

CONSPECT:

- An application-centered approach to security
- Overview of HTTP processing
- Exploiting web application vulnerabilities in a modern application
- Web application security concepts and terminology
- Deployment options and use cases for NGINX App Protect
- Default policy configuration and settings
- Security event logging
- Understanding policy elements
- Tuning policies for specific needs
- Working with multiple policies
- Recommended practices for attack signatures and threat campaigns
- Defining Behavioral DoS protection
- Connecting DoS directives and nginx.conf
- Mitigating DoS

REQUIREMENTS:

Administering NGINX for Web Services is the foundation of your NGINX training and is a recommended prerequisite. The course assumes a basic understanding of networking, web servers, HTTP, proxying, and related concepts.

Hands on labs are performed in a Linux environment. You will need to be able to navigate the file system from the command line and edit configuration files using VI/VIM. Additional experience with Linux environments will be helpful.

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Difficulty level

CERTIFICATE:

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

TRAINER:

Certified F5 Networks Trainer

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