

FortiWeb

Course Description

In this course, you will learn how to deploy, configure, and troubleshoot FortiWeb. You will learn key concepts of web application security and explore protection and performance features. You will experience traffic and attack simulations that use real web applications. You will learn how to distribute the load from virtual servers to real servers, while enforcing logical parameters, inspecting flow, and securing HTTP session cookies.

Product Version:

- FortiWeb 6.4

Course Duration:

3 days

Who should attend?.

Networking and security professionals involved in the administration and support of FortiWeb should attend this course.

Certification:

This course is intended to help you prepare for the Fortinet NSE 6 - FortiSOAR 7.3 Administrator certification exam. This certification is part of the Fortinet Certified Professional - Security Operations certification track.

Prerequisites:

- You must have an understanding of the topics covered in the following courses, or have equivalent experience:
 - FCP - FortiGate Security
 - FCP - FortiGate Infrastructure
- It is also recommended that you have an understanding of the following topics:
 - HTTP protocol
 - Basic knowledge of HTML, JavaScript, and server-side dynamic page languages, such as PHP

Outlines:

1. Introduction
2. Basic Setup
3. Compliance
4. Authentication and Access Control
5. Web Application Security
6. DoS and Defacement
7. Machine Learning and Bot Detection
8. SSL/TLS
9. Application Delivery
10. API Protection and Bot Mitigation
11. Additional Configuration
12. Troubleshooting

Objectives:

After completing this course, you will be able to:

- Define web application firewall and describe its role in the network
- Perform basic configuration and initial deployment
- Configure FortiWeb for deployment in a load balanced network environment
- Implement FortiWeb machine learning capabilities
- Configure and customize FortiWeb signatures
- Configure FortiWeb to protect against DoS and defacement attacks
- Implement SSL/TLS encryption, including inspection and offloading
- Configure user authentication and access control features
- Configure FortiWeb to ensure PCI DSS compliance of your web applications