

FortiWeb - NSE6 (FORT-WEB)

Who should attend

Networking and security professionals involved in the administration and support of FortiWeb.

Prerequisites

Knowledge of OSI layers and the HTTP protocol
Basic knowledge of HTML, JavaScript, and server-side dynamic page languages, such as PHP
Basic experience using FortiGate port forwarding

Course Objectives

After completing this course, you should 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's 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

Configure FortiWeb to perform Caching and Compression tasks

Configure FortiWeb to perform HTTP content based routing, rewriting, and redirection.

Perform basic troubleshooting of FortiWeb

Detailed Course Outline

Introduction

Basic Setup

Integrating Front-End SNAT and Load Balancers

Machine Learning and Bot Detection

Signatures and Sanitization

DoS and Defacement

SSL/TLS

Authentication and Access Control

PCI DSS Compliance

Caching and Compression

HTTP Routing, Rewriting, and Redirects

Troubleshooting