NSE 6 FortiWeb 6.4 Course

Course Duration: 24 Hrs. **Course Code: NSE6-FWEB-6.4**

Course Overview

The **NSE 6 FortiWeb 6.4** course is designed for security professionals responsible for protecting web applications against modern threats. This advanced course focuses on deploying, configuring, and managing FortiWeb Web Application Firewall (WAF) version 6.4. Participants will learn how to secure web applications from OWASP Top 10 vulnerabilities, bot attacks, and advanced threats while optimizing performance and ensuring compliance. The course also prepares learners for the NSE 6 FortiWeb certification exam.

What You'll Learn?

By completing this course, you will be able to:

- Deploy and configure FortiWeb 6.4 in different environments
- Implement web application security policies
- Protect applications from OWASP Top 10 attacks
- Configure bot mitigation and API protection
- Manage SSL/TLS and certificate security
- Monitor traffic, logs, and security events
- Troubleshoot FortiWeb deployments and optimize performance

Target Audience

This course is ideal for:

- Web Application Security Engineers
- Network and Security Engineers

- SOC Analysts and Application Security Teams
- DevSecOps Professionals
- Professionals preparing for the NSE 6 FortiWeb certification

Pre-Requisites

Participants should have:

- Strong understanding of networking concepts
- Knowledge of web technologies (HTTP/HTTPS, APIs)
- Familiarity with web application security principles
- Prior Fortinet experience or NSE 4-level knowledge is recommended

Course Content

Module 1: FortiWeb 6.4 Architecture and Deployment

- FortiWeb system architecture
- Deployment modes and topologies
- Installation and initial configuration

Module 2: Web Application Protection

- Web application profiles and policies
- OWASP Top 10 threat mitigation
- Signature-based and behavior-based protection

Module 3: Advanced Threat Protection and Bot Mitigation

- Bot management and detection
- API and JSON/XML protection

- Machine learning-based security

Module 4: SSL/TLS, Authentication, and Access Control

- SSL/TLS inspection and certificate management
- User authentication and access control
- Integration with external authentication services

Module 5: Monitoring, Logging, and Reporting

- Traffic analysis and security logs
- Alerting and reporting
- Compliance and audit support

Module 6: Troubleshooting, Performance, and Best Practices

- Common FortiWeb issues and resolutions
- Performance tuning and optimization
- Best practices and exam readiness

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