

RASP On-Demand Course

Course Duration: 8 Hrs.

Course code: RASPOD

Course Overview

This course provides a comprehensive understanding of Runtime Application Self-Protection (RASP), its importance in application security, and practical implementation strategies. You will explore how RASP works, its benefits over traditional security measures, and its role in protecting applications from real-time threats.

What you'll learn?

- Fundamentals of RASP technology and its architecture
- Key differences between RASP, WAF, and other security tools
- How to integrate RASP into web and enterprise applications
- Techniques for monitoring, detecting, and preventing attacks in real-time
- Best practices for configuring and optimizing RASP solutions

Target Audience

- Application Security Engineers
- Software Developers & Architects
- DevSecOps Professionals
- Cybersecurity Analysts
- IT Security Managers

Pre-Requisites

- Basic understanding of web application security concepts (OWASP Top 10)
- Familiarity with application architecture and deployment
- Knowledge of security tools such as WAF, SIEM, or IDS/IPS is helpful

- Programming basics in Java, .NET, or similar language

Course content

- Module 1: Introduction to RASP & Its Role in Application Security
- Module 2: RASP Architecture, Components, and Deployment Models
- Module 3: Real-Time Threat Detection & Prevention with RASP
- Module 4: Integration of RASP into DevSecOps & CI/CD Pipelines
- Module 5: Best Practices, Case Studies, and Performance Optimization