

1 Introduction

Web application development is becoming increasingly complex and more rapid. DevOps is increasing the level of functionality and frequency of product releases. With application availability more important to the user experience than ever, web applications are becoming increasingly vulnerable, exposing enterprises to the risk of data breach and financial loss.

Radware's Cloud WAF Service provides enterprise-grade, continuously adaptive web application security protection. Based on Radware's ICSA Labs certified, market-leading Web-Application-Firewall, it provides full coverage of OWASP Top-10 threats and automatically adapts protections to evolving threats and protected assets.

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2 Purpose and Scope

This course, **CloudWAF**, is a structured **1-day** training.

It consists of a *practical* and a *theoretical* part.

In this course, you will learn how to access and set up the CloudWAF solution.

This training begins with an overview of the features and capabilities of Radware's CloudWAF solution. You will learn how to request a cloud access account. We explain from the initial setup of a new application to setting up the various protection options. We use a penetration testing tool to attack this protected application and observe the security web page that is displayed on the attacker's screen. The CloudWAF dashboard and Analytics show the admin view. We also cover setting up and configuring alerts and reports.

3 Target Audience and Prerequisites

This course is designed for technicians with a solid knowledge of applications and network protocols are working (like TCP, HTTP, HTTPS) is a key asset for setting up protection options.

4 Objectives

- Understand CloudWAF main capabilities and how they work
- Install and deploy an CloudWAF
- Understand how to monitor the CloudWAF protections

5 CloudWAF Presentations and Hands-On Labs

Presentations:

- Introduction to CloudWAF
- Using CloudWAF
- Cloud WAF Monitoring and Reporting
- Security Management
- Integrated CDN
- API Protection and Discovery
- Bot Manager within Cloud Portal
- SecurePath

Hands-On Labs:

- Get Your Cloud Access
- Set Your Password
- Initial CloudWAF Setup
- Create your Application
- Enable Blocking On The Application
- Configure Kali To Access Application
- Run Attacks
- Monitoring And Reporting With OWASP-ZAP
- Configure Alerts
- Configure Reports

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