
Citrix ADC 12.x Advanced Concepts – Secure Web Applications

Description

Citrix Web App Firewall protects web apps and sites from known and unknown attacks. This three- day course will teach you how to address application services security requirements with Web App Firewall. After studying Citrix Web App Firewall, you'll learn about many different types of web attacks and vulnerabilities, such as SQL injection and cookie tampering, and how to protect against them. The course also covers policies, profiles and expressions monitoring, management and reporting; and troubleshooting techniques. Highlighted features include the Adaptive Learning Engine and Secure Insight. This advanced course is designed for IT professionals with previous Citrix Networking experience.

Classroom Registration Price (CHF)

2400

Virtual Classroom Registration Price (CHF)

2400

Course Content

Module 1: Citrix Web App Firewall Overview

- Lesson 1: The Business Problem
- Lesson 2: Industry Standards
- Lesson 3: Protection Methodologies
- Lesson 4: Introducing Citrix Web App Firewall

Module 2: Citrix Web App Firewall Profiles and Policies

- Lesson 1: Citrix Web App Firewall Policies
- Lesson 2: Citrix Web App Firewall Profiles
- Lesson 3: Citrix Web App Firewall Learning
- Lesson 4: Citrix Web App Firewall Engine Settings

Module 3: Implementing Citrix Web App Firewall Protections

- Lesson 1: Security Checks and Data Flow
- Lesson 2: Rules and Adaptive Learning
- Lesson 3: Signatures and Comment Stripping
- Lesson 4: Top-Level Protections

Module 4: Additional Citrix Web App Firewall Protections

- Lesson 1: Cookie Consistency
- Lesson 2: Advanced Form Protection Checks
- Lesson 3: URL Protections
- Lesson 4: Protecting Sensitive Data

Module 5: Monitoring and Troubleshooting Citrix Lesson 1: Web App Firewall

- Lesson 2: Web App Firewall and Web Applications
- Lesson 3: Logging and Reporting

- Lesson 4: Customizing Errors
- Lesson 5: Troubleshooting

Module 6: Security and Filtering

- Lesson 1: Application level Quality of Experience (AppQoE)
- Lesson 2: IP Reputation
- Lesson 3: Rate Limiting
- Lesson 4: HTTP Callout

Module 7: Authentication with Security Assertion Markup Language (SAML)

- Lesson 1: What is SAML?
- Lesson 2: Configuring SAML on Citrix ADC

Module 8: Authentication with OAuth, OpenID, and nFactor

- Lesson 1: OAuth and OpenID
- Lesson 2: Configuring OAuth on Citrix ADC
- Lesson 3: Multi-Factor Authentication with nFactor
- Lesson 4: Configuring nFactor

Documentation

- Digital courseware included

Participant profiles

- Designed for students with previous Citrix Networking experience and for individuals who will be deploying and/or managing Citrix Web App Firewall in Citrix Networking environments

Prerequisites

- Master the topics included in the course CNS-220 Citrix ADC 12.x Essentials and Traffic Management, or CNS-222 Citrix ADC 12.x Essentials and Citrix Gateway

Objectives

- Identify common web attacks and vulnerabilities
- Write PERL compatible regular expressions
- Understand how to utilize the adaptive learning engine
- Configure AppFirewall to protect web applications
- Utilize NetScaler Secure Insight to Monitor, Manage and report on Application Services security
- Troubleshoot AppFirewall

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Duration (in Days)

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Reference

CIT-CNS-318