


Course Code: 100-101

Radware AppWall Technical Training

v.7.5.6



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This document provides details about technical topics covered in course #100-101 **Radware AppWall** training.

I. Course Information

AppWall is a foundation-level, two-day, instructor-led or eLearning course designed to introduce participants to Radware's AppWall. As an eLearning course, audio modules may be completed individually and may take up to six continuous-hours to complete. Participants must also complete exercises in Radware's virtual, hands-on lab, expect the hands on activities to take approximately six hours.

Audience

The primary audience for this technical course is Application security teams, system security, network administrators, and others responsible for the configuration and administration of the AppWall in a network environment.

Prerequisites

In addition to their professional experience, participants attending this training may have technical knowledge in the following areas:

- Recommended -- General understanding of common network terminology.
- Recommended -- Some understanding of TCP/IP addressing and routing.
- No other Radware courses required prior to AppWall registration.
- No prior experience configuring AppWall is required.

Materials Format, Version

Training material provided for this course includes:

- 1) AppWall PowerPoint Presentations,
- 2) Radware's Professional Lab Training Book.

The features and functions of Radware devices discussed in this document are based on the following firmware versions:

Product	Version
AppWall	7.5.6

High-Level Course Preview

This course begins with an **Introduction to the AppWall** environment. The first learning module (**HTTP Basic**) is optional; targeted to pre-sales engineers or those with little-or-no experience with application firewalls.

Web Application Security, Introduction to AppWall, AppWall Basic Concepts, and AppWall Protection Principles introduces Radware's application firewall solution; then **Lab Layout and Devices** moves on to initial device configuration and access for the virtual lab environment.

The course offers **AppWall AppWall Filters Protection, OWASP Attacks & AppWall Protection, AppWall Deployment Guidelines, AppWall Monitoring & Reporting AppWall for Alteon, AppWall Signaling to DefensePro, and Cluster Manager Overview** offers participants the option to learn about Radware's redundancy configuration.

Radware Hands-on Lab

In this basic-level course, all topics are explained in theory and implemented using hands-on lab exercises via remote access to a lab. Participants should complete lab exercises *in tandem* with learning modules. Please complete all learning modules before beginning lab exercises. Please follow the manual.

Participants are automatically assigned to a lab when initially registered for this course. Check for Radware email for information on your lab assignment. If you don't have a lab assignment, contact Training@Radware.com. Assigned lab dates allow for one (1) week for you to complete the lab exercises. Ask your instructor or contact VirtualLab@Radware.com to ask any lab related questions or request lab support.

In both the instructor-led and eLearning courses, participants use their own laptop computer to complete the hands-on lab exercises. Participants will use well-known applications such as PDF Reader, VNC, Telnet, SSH and possibly other Radware-proprietary apps. It is important to have administrative rights on your laptop.

II. Course Schedule

Day 1

Day 1 Learning Modules:

- 00 AppWall 100-101 Course Agenda
1. HTTP Basics
2. Web Application Security
3. Introduction to AppWall
4. AppWall Basic Concepts
5. AppWall Protection Principles
6. Lab Layout & Lab Devices

Day 1 Labs:

- Introduction to Lab
- Access Hands-on Devices
- Initial Configuration
- AppWall Connection & Management
- Scenario A

Day 2

Day 2 Learning Modules:

1. AppWall Filters Protection
2. OWASP Attacks & AppWall Protection
3. AppWall Deployment Guidelines
4. AppWall Monitoring & Reporting
5. AppWall for Alteon NG
6. AppWall Signaling to DP

Day 2 Labs:

- Scenario B – E
- Monitoring & Reporting

Hands-on Practical Exam Offered

III. Course Completion

1. Complete all learning modules (PowerPoint presentations). Participants may answer pre-test questions in modules to enhance learning. Modules may be reviewed as many times as desired. Estimated continuous-view time is about six hours.
2. Complete all lab exercises. Estimated time to complete is about six hours. Participants are offered a hands-on, Practical Exam they must complete, ideally the last day of lab activities. Ask your instructor or contact VirtualLab@Radware.com to ask any lab related questions or get needed lab support.

Radware Certification

To earn Radware Certified AppWall (RCAScS) accreditation, you must

1. Successfully complete learning modules.
2. Successfully complete hands-on lab using lab book exercises.
3. Successfully complete the Online Certification Exam. (pass 75%).

Contact Training@radware.com for information to complete these elements.

Benefits of Certification

- Greater technical expertise to manage deployments
- Improved systems integration and product performance
- Credibility by reduced dependence on outside support

Course Evaluation

Please go to <https://www.radware.com/support/training/> to complete the course evaluation.

FROM: Yaniv Hoffman, Vice President, Technical Services
RE: Course Evaluations for Training

Dear Learning Participant,

Your opinion is important to us and we ask that you complete this brief evaluation concerning the training recently completed. Your response is confidential and will be used to ensure high-quality standards are maintained across all modes of Radware training delivery.

If you have questions at any time about this evaluation or Radware's Training & Certification Program, contact me directly at YanivH@radware.com or contact Training@radware.com.

Thank you in advance for your timely participation in this study.

IV. What's next?

See www.Radware.com for registration and specific details for AppWall Advanced training courses, or for courses on other Radware devices.

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