# radware

Smart Network. Smart Business.

Course Code: 300-101

# DefensePro Level 1

# Training Course Outline

Version 5.0

# 1  Purpose

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The features and functions of Radware devices discussed in this document are based on the following firmware version.
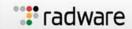
| Product | Version |
|---------|---------|
| DefensePro | 8.14.x |
| APSolute Vision | 3.95 |

# 2  Course Duration and Objectives

The DefensePro Level 1 class is a structured 3-day course that is meant to highlight all the features and functions used on the DefensePro along with hands on labs to illustrate the protection mechanics.

## 2.1 Objectives

- Install and deploy a DefensePro based on deployments guidelines
- Understand the different Attack Protection capabilities and how to configure them

- Navigate and use APSolute Vision
- Understand fundamentals of Vision Reporter

# 3  DefensePro Presentations and Hands on Labs

## 3.1 Day 1

## Presentations:

- Security Landscape Overview
- Introduction to AMS
- Introduction to DefensePro
- Hardware and Connectivity
- Administration and Security Policies
- Behavioral DoS

## Hands on Labs:

**Administration and Initial Configuration:**
Lab 1a – Initial DefensePro Setup
Lab 1b - Connecting to Your DefensePro Using APSolute Vision  Lab 2 –
Administering DefensePro

**Network Flood Protection:**
Lab 3 – Behavioral DoS Protection

## 3.2 Day 2

## Presentations:

- Next Generation DNS Protection
- SYN Flood Protection
  - o  DefenseSSL
- Out of State Protection
- Connection Limits

## Hands on Labs:

**Network Flood Protection**:
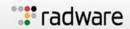Lab 4 – DNS Flood Protection
Lab 5 – SYN Flood Protection
Lab 6 – SYN Flood SSL Protection
Lab 7 – Out of State Protection
Lab 8 – Connection Limits

## 3.3 Day 3

# Presentations:
- Signature Protections
  - Signature Profiles
  - Custom Signatures
- Policy Exceptions (Black & White Lists)
- Vision and Vision Reporter
- Deployment Guidelines

# Hands on Labs:

**Signature Protection:**
Lab 10 – Signature Protection
Lab 11 – Custom Signatures

**Additional Components**
Lab 12 – Policy Exceptions (Black & White lists)
Lab 13 – Administration
Lab 14 – Vision Reporter

North America
Radware Inc.
575 Corporate Drive, Lobby 1
Mahwah, NJ 07430
Tel: +1-888-234-5763

International
Radware Ltd.
22 Raoul Wallenberg St.
Tel Aviv 69710, Israel
Tel: +972 3 766 8666