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.

<table>
<thead>
<tr>
<th>Product</th>
<th>Version</th>
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<tbody>
<tr>
<td>DefensePro</td>
<td>8.14.x</td>
</tr>
<tr>
<td>APSolute Vision</td>
<td>3.95</td>
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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
  - 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