radware

Course Code: 500-XXX

LinkProof NG

Training Course Outline

Version 33.0

1 Introduction

LinkProof NG link load balancer is a next-generation multi-homing and enterprise gateway solution that guarantees service level availability and continuous connectivity of enterprise and cloud-based applications. It is an application-aware multi-homing and link load balancing module that delivers WAN optimization for 24/7 continuous connectivity and service level assurance for corporate and cloud-based applications. LinkProof NG can be deployed in entry-level to high-end data centers as well as enterprise branch offices.

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2 Purpose and Scope

This course, **LinkProof NG**, is a structured 2-day certification training.

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

In this course we focus on the features used in incoming and outgoing link load balancing deployments.

The course starts with all the basics needed to set up a LinkProof NG from scratch. We explain how to set up outbound link load balancing and the different options for specific applications or needs. Network-Address-Translation is important for incoming LLB. We explain both low and high layer health checks in detail. We even deal with LLB according to browser or application parameters in theory and practice in this training. LinkProof is able to balance link and server-side traffic with a single device. If the load balancing standard behavior does not fit, it can be adapted to customer requirements with AppShape++ scripts. We explain how to do it. For custom behavior, LinkProof NG's analytics provide insightful visibility and monitor SLB traffic parameters. Our final topic is troubleshooting. We explain the different commands and options to get information about the LLB, judge incorrect values and correct them.
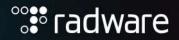
3 Target Audience and Prerequisites

This course is designed for technicians with a solid knowledge of networking in the areas of switching and routing. Additionally, knowing Alteon Load Balancer and how applications and network protocols are working (like TCP, HTTP, HTTPS) is a key asset for setting up content load balancing and writing load balancing scripts.

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

Product	Version
Alteon	33.x
APSolute Vision	5.x

4 Objectives

- Understand LinkProof NG's main capabilities and how they work
- Install and deploy an LinkProof NG based on deployments guidelines
- Understand how to monitor LinkProof NG's various features
- Perform basic troubleshooting

5 LinkProof NG Presentations and Hands-On Labs

5.1 Day 1

Presentations:

- Introduction to LinkProof NG
- Link Load Balancing Principals
- SmartNAT in LinkProof
- Inbound Link Load Balancing
- Health Monitoring

Hands-On Labs:

- – Initial Configuration
- – Outbound LLB and Health Monitoring
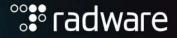
5.2 Day 2

Presentations:

- Introduction to Filters
- Content Based Selection
- LinkProof and Server Load Balancing
- WAN Link Monitoring
- Using AppShape++ Scripts
- Troubleshooting LinkProof NG
- Case Studies

- ## Hands-On Labs:

- – Inbound LLB with DNS and Proximity
- – Application Based ISP Selection
- – Content Based ISP Selection
- – ISP selection based on Geo Location

6 Certification

This course is the certification course to get recognized as:
Radware Certified Connectivity Specialist (RCCS)

To be certified students need to pass a theoretical and a practical exam.
The exams are available from any location, only internet access is required.
The first attempt is included free of charge as part of the LinkProof NG course.
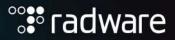Additional attempts require a fee.

For both exams the minimum passing grade is 75%.

6.1 Hands-On Practical Exam
The students need to setup a given LinkProof configuration based on customer requirements as learned in the hands-on part of the training. The exam is proctored and evaluated by Radware's technical training team.

6.2 Online Certification Exam
The online exam consists of Multiple-Choice-Questions based on the content presented in the theoretical part and test student's understanding of the solution.

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