

Course Code: 500-101

Radware Alteon  
SPECIALIST  
Technical Training

v31.x



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## I. Course Information

**Alteon Specialist** is an intermediate-level, two-day, instructor-led or eLearning course designed to build upon concepts taught in Radware's **Alteon Professional** training. 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.

### ***Course Description***

This intermediate-level Alteon training is for technical staff involved in the installation and maintenance of a Radware Alteon ADC switch, Series 4 to Series 8. The course introduces Radware's ADC-VX environment and vADC configuration. Advanced server load balancing is discussed, extending information from the foundational course. In addition, content load balancing and full persistency beyond insert cookie is discussed. The course continues with AppShape++ scripts and device monitoring and reporting using automation. Elementary troubleshooting concepts are taught. For a deep-dive of troubleshooting issues, consider completing Radware's more advanced courses.

**Please bring your laptop to complete the hands-on lab exercises.** All topics are explained in theory and implemented using hands-on lab exercises via remote access to a lab. Students will use well-known applications such as PDF Reader, VNC, Telnet, SSH and possibly other Radware-proprietary apps. Therefore, it is also *important to have administrative rights on your laptop.*

### ***Audience***

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

### ***Prerequisites***

Participants attending this training must have completed the following:

- Radware **Alteon Professional** Certification

### ***Materials Format, Version***

Training material provided for this course includes:

- 1) Alteon PowerPoint Presentations
- 2) **Alteon Specialist** Lab Training Book

On the final day of instructor-led training, a hands-on, Practical Exam is offered for those interested in achieving Radware Certification. eLearning participants may contact [Training@Radware.com](mailto:Training@Radware.com).

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

Product	Version
Alteon ADC or vADC	31.x

### ***High-Level Course Preview***

This course begins with instruction on Radware's **ADC-VX** environment including introduction, administration, backup, restore & HA, and monitoring the ADC-VX.

This intermediate-level course builds upon concepts taught in the previous **Alteon Professional** course. **Advanced Server Load Balancing** expands on SLB instruction. **Content Load Balancing** instruction extends this further. **Full Persistency** offers in-depth persistency information beyond cookie insert.

**Intro to AppShape++ Scripts** offers an understanding of using scripts on the Alteon. **Intro to Vision and Operator ToolBox** provides an understanding of automation. **Monitoring & Reporting** features are also provided.

Elementary troubleshooting is also included: **Troubleshooting Fundamentals** and **Troubleshooting Tools**. For a deep-dive into troubleshooting concepts, participants should consider completing Radware advanced courses in troubleshooting.

### ***Radware Hands-on Lab***

In this intermediate-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. It is NOT advised to complete all learning modules before beginning lab exercises

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](mailto:Training@Radware.com). Assigned lab dates allow for one (1) week to complete lab exercises. Ask your instructor or contact [VirtualLab@Radware.com](mailto:VirtualLab@Radware.com) to ask any lab related questions or get needed 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:**

Alteon 500-101 Course Agenda  
500-xxx Radware Certification

1. ADC-VX Introduction
2. ADC-VX Global Administration
3. ADC-VX Backup, Restore, & HA
4. ADC-VX Monitoring
5. Advanced Server Load Balancing

#### **Day 1 \* Labs to complete:**

- Introduction to Radware Lab
  - Access Alteon Lab Devices
- ADC-VX Configuration
- Server Load Balancing (full lab)

### *Day 2*

#### **Day 2 \* Learning Modules:**

6. Content Load Balancing
7. Full Persistency
8. Intro to AppShape++ Scripts
9. Intro to Vision & Operator ToolBox
10. Monitoring & Reporting
11. Troubleshooting – Fundamentals
12. Troubleshooting - Tools

#### **Day 2 \* Labs to complete:**

- Content LB
- Persistent LB
- AppShape ++ Scripts
- Vision & Operator Toolbox
- Monitoring & Reporting
- Troubleshooting

#### **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](mailto:VirtualLab@Radware.com) to ask any lab related questions or get needed lab support.

#### ***Radware Certification***

To earn **Radware Certified Application Specialist-AL (RCAS-AL)** accreditation, you must

1. Complete Radware Alteon Professional certification
2. Successfully complete learning modules.
3. Successfully complete hands-on lab using lab book exercises.
4. Pass the hands-on Practical Exam.
5. Successfully complete the Online Certification Exam. (pass 75%).

Contact [Training@radware.com](mailto: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](mailto:YanivH@radware.com) or contact [Training@radware.com](mailto:Training@radware.com).

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

## IV. What's Next?

After completing requirements for **Alteon Specialist** 2-day training (500-101), Radware recommends continuing your training with **Alteon Master** 2-course training (500-200) for deep-dive learning in courses selected by the delegate that can be completed in 2 days.

Future Alteon trainings include **Alteon Expert** training (500-300) training. See [www.Radware.com](http://www.Radware.com) for registration and specific details on these Alteon courses, or for courses on other Radware devices.

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