



The Astaro Certified Engineer Certification program provides formal validation of Astaro Security Gateway skills

Astaro Certified Engineer (ACE) training equips participants with the knowledge to properly implement, configure and maintain tight network security using Astaro Security Gateway. The class also prepares individuals for the ACE certification exam, which provides proof of these skills.

The ACE training program provides students with the skills and knowledge to properly configure and maintain Astaro Security Gateway on a day to day operational basis. Concise information focusing on case scenarios gives participants the skills to configure and deploy Astaro Security Gateway Software in any situation they may encounter and in advanced features like Clustering and Email Encryption.

This course is open to both end users and partners, and can be completed in three convenient onsite sessions or at your own pace online through our training portal. The highly interactive learning environment includes real-time visuals and audio to maximize knowledge retention in a flexible, time-saving program

Curriculum

Module 1/Day 1	Module 2/Day 2	Module 3/Day 3
<p>ASG Overview</p> <ul style="list-style-type: none"> Available Products ASG System Architecture ASG Security Features <p>Networking</p> <ul style="list-style-type: none"> Link Aggregation Bridging Policy Routing DNS DHCP OSPF <p>Network Security</p> <ul style="list-style-type: none"> Server Load Balancing Quality of Service Generic Proxy Socks Proxy Ident Proxy <p>VoIP Security</p> <ul style="list-style-type: none"> H.323 SIP 	<p>User Authentication</p> <ul style="list-style-type: none"> Users Groups Authentication <p>Web Security</p> <ul style="list-style-type: none"> HTTP Profiles HTTP Proxy Users Authentication Setup <p>Email Security</p> <ul style="list-style-type: none"> SMTP Authentication Email Encryption <p>IM/P2P Security</p> <ul style="list-style-type: none"> Instant Messaging P2P Security <p>High Availability</p> <ul style="list-style-type: none"> Active/Passive HA Clustering 	<p>IPSec VPN</p> <ul style="list-style-type: none"> IPSec Policy Management RSA Site to Site VPN X.509 Site to Site VPN Certificate Management Astaro Secure Client Setup <p>Logging</p> <ul style="list-style-type: none"> Settings Live Logs Remote Syslog <p>Support Tools</p> <ul style="list-style-type: none"> Tools Advanced Tools <p>Astaro Command Center</p>

Prerequisites

Students should have a good understanding of the following:

- TCP/IP
 - Protocols (TCP, IP, UDP, ICMP)
 - Subnetting
 - Routing
- Packet Filtering
- Proxies

Students should also have successfully completed and passed the Astaro Certified Administrator Exam

Technical Requirements

In order to utilize web-based training, the following technical requirements must be met:

- Computer with at least 64 MB RAM running Windows 95, 98, Me, NT 4, 2000, or XP
- Microsoft Internet Explorer or Mozilla compatible web browser
- Macromedia Flash player plug-in
- PC speakers

Testing

The certification exam for the ACA is, in general, not tied to participation in the training course. All Astaro certification exams are web-based, and can be registered for at <http://www.astaro.com/ace>. Registration, testing, and scoring are all web-based, and can be performed at any time. Exams are multiple-choice. Test-takers must answer 70 questions within 90 minutes; the questions are drawn from a catalog of hundreds of possible test questions. Test-takers must achieve a score of 70% or higher in order to pass the exam. The price to take the ACA exam without taking part in the seminar is \$150 USD/EURO.

Astaro Security Gateway Software Evaluation Workshop Overview

The Astaro Security Gateway Evaluation Workshop is a 90 minute web-based training session which takes prospective users through the basic steps of installing, configuring and using some of the most popular features of Astaro Security Gateway. A simple, but typical live network environment gives students hands-on experience in the skills needed to evaluate Astaro Security Gateway, all in one brief, practical training session.

After completing this interactive training, students can download the free Astaro Security Gateway evaluation version and quickly test the product in their own environment.

Subject Overview

<p>Introduction</p> <p>Installation Process Downloading the Software Hardware Requirements Installation Steps</p> <p>WebAdmin 1st time access Look & Feel</p> <p>Basic System Settings Notification email address Licensing Up2Date</p> <p>Basic Network Settings Adding additional interfaces DHCP Server Network address translation Network and service definitions</p>	<p>Creating a Security Policy Using the Packet Filter</p> <p>Proxies and Content Filtering DNS Proxy HTTP Proxy SMTP Proxy</p> <p>Stopping IM and P2P with Intrusion Protection</p> <p>Secure Remote Access with RoadWarrior VPN</p> <p>Backup</p> <p>Q&A</p>
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Schedule

Workshops are held every Tuesday at 10:30 AM Pacific Time and Thursday at 1:30 PM Pacific Time.

Registration

To register for a Workshop, simply complete the form at <http://www.astaro.com/register>. If you have questions or comments, please send an email to training@astaro.com, contact your local sales representative, or call us at (781) 345-5000.

Course Materials

Each participant will get a copy of the presentation slides.

Requirements

The Workshop requires no familiarity with Astaro products, but does assume the student is familiar with basic networking and security concepts.