



# Allot Certified Technical Engineer

ACTE (Enterprise Track)  
Course Syllabus





## Day 1. See. Introduction & Monitoring

- 09.00 – 09.15 Welcome and Expectations
- 09.15 – 10.00 **Introduction.** An introduction to the course. What is Allot's Core Technology? How does the Allot offering help enterprises to see, control and secure their networks? This module goes on to define key terms and to present the basic SSG solution architecture.
- 10.00 – 10.45 **Introducing SSG.** What is SSG? What are the differences between the models? This module discusses the different factors involved in deciding where to place an SSG in the customer's network. It also introduces the SSG NMS.
- 11.00 – 12.30 **Installing SSG.** This module begins by showing how to connect SSG-NMS and how to install the different management modules. It then shows how to configure the SSG. The module then introduces the different user interfaces, focusing in particular on NetXplorer. It shows the quick configuration tool, before demonstrating advanced configurations such as active redundancy.
- 12.30 – 13.30 Lunch Break
- 13.30 – 14.30 **Introducing ClearSee.** This module introduces ClearSee. It describes the basic architecture and shows how to get started working with the user interface.
- 14.45 – 15.45 **ClearSee Dashboards & Reports.** How can you use the ClearSee to get full visibility of your network? In this module, we will see examples of different ClearSee reports – network, subscriber, device, experience and security. We will also see how you can use real-time monitors to get a picture of what's happening right now in your network
- 16.00 – 17.30 **Hands-on Network Metrics Exercises.** Practicing working with ClearSee dashboards and reports

[www.allot.com](http://www.allot.com) [sales@allot.com](mailto:sales@allot.com)

Americas: 300 TradeCenter, Suite 4680, Woburn, MA 01801 USA - Tel: +1 781-939-9300; Fax: +1 781-939-9393; Toll free: +1 877-255-6826

Europe: NCI-Les Centres d'Affaires Village d'Entreprises, 'Green Side' 400 Avenue Roumanille, BP309 06906 Sophia Antipolis, Cedex France - Tel: +33 (0) 4-93-001160; Fax: +33 (0) 4-93-001165

Asia Pacific: 25 Tai Seng Avenue, #03-03, Scorpio East Building, Singapore 534104, Tel: +65 6749-0213; Fax: +65 6848-1015

Japan: 4-2-3-301 Kanda Surugadai, Chiyoda-ku, Tokyo 101-0062 - Tel: +81 (3) 5297 7668; Fax: +81 (3) 5297 7669

Middle East & Africa: 22 Hanagar Street, Industrial Zone B, Hod Hasharon, 4501317 Israel - Tel: 972 (9) 761-9200; Fax: 972 (9) 744-3626

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## Day 2. Control. Policy Provisioning

- 09.00 – 10.30 **Condition Catalogs.** How to define different condition catalogs to classify the traffic running through your network. This module includes a thorough explanation of host, time, service, ToS, encapsulation, Tethering Interface and Autonomous System catalogs. This module also includes a step by step instruction on Allot Protocol Update (APU).
- 10.30 – 12.00 **Hands-on Classification Exercises.** Practicing working with the NetXplorer User Interface to identify and classify traffic
- 12.00 – 13.00 Lunch Break
- 13.00 – 14.30 **Action Catalogs.** How to define the different action catalogs to enforce Quality of Service polices that you have defined for the traffic running through your network. This module includes a thorough explanation of the Access Control mechanism, as well as the QoS, Service Activation, ToS and DoS catalogs.
- 14.45 – 15.30 **Building the Enforcement Policy.** How to use the building blocks you have defined in the catalog entries to build an effective enforcement policy to meet your business needs.
- 15.30 – 16.30 **Hands-on QoS Exercises.** Practicing working with the NetXplorer User Interface to enforce quality of service rules on traffic
- 16.30 – 17.30 **User Awareness.** Explaining how to integrate Allot's SMP management module with the Enterprise Active Directory in order to achieve full enterprise user awareness

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## Day 3. Secure. Web Security & Troubleshooting

- 09.00 – 10.00 **Web Security.** How to manage security for the enterprise, and adjust configuration to meet company needs. This module will examine the “Web Security” module of SSG
- 10.00 – 10.30 **Hands-On Web Security Exercises.** Practicing working with the WebSafe Personal User Interface to protect network users.
- 10.45 – 12.00 **Basic System Troubleshooting.** How to troubleshoot SSG? We will see how to verify that all architecture elements are functioning and communicating as they should. We will then see how to check if connections are being correctly classified and bandwidth is being allocated according to the configuration and our expectations. We will review some common tasks and review the next step actions: how to create snapshot file, search throughout online knowledgebase and open support case
- 12.00 – 13.00 **Theoretical Exam.** Summarizing the material learnt in the course.
- 13.00 – 14.00 Lunch Break
- 14.00 – 14.30 Reviewing the theoretical exam and answering questions
- 14.30 – 15.45 **Practical Exam.** Work in groups to build traffic policies on the basis of specific enterprise customer needs.
- 15.45 – 16.45 Presentation of practical exam results and feedback
- 16.45 – 17.00 Summary and Feedback

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