ACTIS ACADEMY

AUDIOCODES TRAINING

AUDIOCODES SBC
ADVANCED ROUTING & MULTITENANCY

Course
Hands-on technical instruction covering advanced configuration, maintenance, troubleshooting and administration of AudioCodes Session Border Controllers (SBCs). Routing: Hands-on technical instruction covering advanced Routing and Multitenancy configuration as well as a high level administration of AudioCodes Session Border Controllers (SBCs) for different routing needs.

Student Profile
Systems Engineers, Network Architects, Consultants, and Integrators responsible for the planning, design, implementation and management of Session Border Controllers in their networks.

Products
AudioCodes SBC Series.

Prerequisites
* Complete AudioCodes SBC Advanced Interworking & Security

Details
* Four days training.
* Classroom Instuctor Led.
* ACP (AudioCodes Certified Professional).
* € 2.095,- ex. VAT per trainee.
* The training is subject to a minimum number of attendees.
* Access to the training course will only be accepted when the payment is fullfilled before the trainingdate.
* Course code is TR-SBC-ADR-S.

General Objectives
Students are expected to be active participants in the learning process. Emphasis is placed on diagnostic tools and troubleshooting strategies to help students become self-sufficient in their use and support of AudioCodes SBCs. On completion of the course, students will be able to:

- Identify the AudioCodes implementation of different techniques related to routing
- Understand the concept of Call Setup Rules and its usage with LDAP based Routing, Dial Plan based routing and ENUM based routing.
- Have a deep understanding of the different models of Multitenancy and the way of configuring them.

Lab Activities
- Redundancy and Load Balancing (IP Group-based).
- Routing Based on Call Setup Rules.
- LDAP Routing using Call Setup Rules.
- Dial Plan-based Routing.
- Tag-based Routing.
- Call Setup Rules and Tag-based Routing.
- Implementing a Redirect Service.
- Customer Separation Based on TGRPs.
- Customer Separation Based on Prefixes.

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Course Outline

Basic Routing Overview
- Proxy Sets and IP Groups
- IP Group Sets
- Redundancy and load balancing

Call Setup Rules
- Concepts and Configuration
- Assignment to IP to IP Routing Table
- Assignment to IP Groups
- Example of usage

LDAP Routing
- LDAP Settings Review
- LDAP with Call Setup Rules
- Example of usage

Dial Plan Concepts
- Needs for Dial Plans
- Managing Dial Plans
- Using Dial Plans for Routing

Tagging Enhancements
- Concepts and definition
- Tag Configuration
- Tag Assignments
- Call Setup Rule with Tagging
- Usage and Examples

Routing Back to Sender
- Concepts and Configuration

Multitenancy
- Concepts and Definition
- Routing Policy
- Multitenancy based on SRDs
- Access SBC: Customer Separation Concepts
- Customer Separation based on IP/VLANs
- Customer Separation based on Ports
- Customer Separation based on TGRPs
- Customer Separation based on Prefixes
- Prefixes with LDAP Query and REST

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Actis Academy
Boeingavenue 8
1119 PB Schiphol-Rijk

+31(0)20 - 316 21 21
academy@actis.nl

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