## *AudioCodes SBC in a Microsoft Teams Environment - Essentials & Configuration*

| Course Code |
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| Public/Per Seat: TR-Teams-BSC-S<br>Dedicated Course: TR-Teams-BSC-C |

| Course Name |
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| **AudioCodes SBC in Microsoft Teams Environment - Essentials & Configuration** |

| Course Details | |
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| Course | Hands-on technical instruction covering installation, configuration, maintenance, troubleshooting and administration of AudioCodes equipment in Microsoft Teams. |
| Products | AudioCodes SBC Series, AudioCodes Gateway Series |
| Student Profile | Systems Engineers, Network Architects, Consultants, and Integrators who are responsible for the planning, design, implementation, and management of Microsoft Teams. |
| Duration | 4 days |
| Delivery Method | Classroom Instructor Led or Online Instructor Led |
| Certification | The course includes an ACA certification exam.<br> |
| 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 products in a Microsoft Teams environment.<br>On completion of the course, students will be able to:<br>• Configure AudioCodes equipment using various management tools.<br>• Understand the operating, maintenance, and monitoring tools of AudioCodes equipment.<br>• Troubleshoot and debug AudioCodes equipment.<br>• Integrate the Mediant SBC in the Microsoft Teams environment that require integrated voice components.<br>• Become familiar with Teams Direct Routing related voice configuration aspects.<br>• Become familiar with SBC application functionalities.<br>• Understand the Survivability concept. |
| Prerequisites | Students are expected to have an applicable professional background with a minimum of one year of practical experience with the following:<br>• PSTN protocols and knowledge of analog and digital telephony systems.<br>• VoIP and SIP network architecture<br>• Understanding of SIP control protocol signaling stack.<br>• Knowledge of IP networking |

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| Course Outline and Lab Activities | <ul><li>AudioCodes Introduction</li><li>AudioCodes Management Interface Introduction</li><li>AudioCodes Documentation</li><li>GWs & SBC Product Line<ul><li>*Hands-on Lab 1 - Management Interface Usage*</li></ul></li><li>SBC Application Description</li><li>SBC Basic Terminology</li><li>SBC Configuration</li><li>Debugging Tools - Syslog</li><li>SBC Wizard (optional)<ul><li>*Hands-on Lab 2 - SBC Routing*</li></ul></li><li>Teams System Overview</li><li>SBC Configuration for Teams<ul><li>*Hands-on Lab 3 - Teams to SIP Trunk Connection*</li></ul></li><li>SBC Number & Message Manipulation Introduction<ul><li>*Hands-on Lab 4 - SBC Message Manipulation*</li></ul></li><li>Digital GWs Basic Configuration</li><li>SBC Survivability</li><li>SBC High Availability<ul><li>*Hands-on Lab 5 - SBC Survivability*</li></ul></li></ul> |