

AudioCodes Mediant 3000 – SIP/MGCP/MEGACO Systems Training

Course:	Three days hands-on, technical instruction covering topics related to AudioCodes Mediant 3000 systems and AudioCodes EMS servers										
Products:	Mediant 3000 and AudioCodes EMS										
Student Profile:	Tier 1 and 2 support, sales engineers, trainers, technical writers, developers, and any other individuals requiring technical training on AudioCodes gateways										
Date:	TBD (3 days)										
Time:	9:00AM to 5:00PM										
Background:	<p>The <i>AudioCodes Mediant 3000 Systems Training</i> course is designed to provide engineers with experience configuring, maintaining, and troubleshooting AudioCodes Mediant 3000 gateways and AudioCodes EMS servers.</p> <p>AudioCodes requests that students adhere as strictly as possible to course prerequisites as basic concepts and theories are not covered or reviewed. Students are expected to be self-sufficient in areas listed in the prerequisite section.</p>										
General Course Objectives:	Students will be able to provision, administer, and troubleshoot Mediant 3000™ and AudioCodes EMS servers										
Instruction Method:	The program is composed of two integral and correlated parts – instructor led lectures and practical experience with the equipment. The curriculum breaks down the material into logically related modules that are followed by practical experience with the concepts presented by the instructor. The student is expected to be an active participant in the learning process. Emphasis is placed on diagnostic tools and troubleshooting strategies.										
Prerequisites:	<p>Students with an applicable professional background and meet the following minimum requirements:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Skill</th> <th style="text-align: center;">Competency Level</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Control Protocol (SIP/MGCP/MEGACO)</td> <td style="text-align: center;">Intermediate to Expert</td> </tr> <tr> <td style="text-align: center;">PSTN</td> <td style="text-align: center;">Intermediate to Expert</td> </tr> <tr> <td style="text-align: center;">IP Networking</td> <td style="text-align: center;">Intermediate to Expert</td> </tr> <tr> <td style="text-align: center;">Ethereal / Packet Tracing</td> <td style="text-align: center;">Intermediate to Expert</td> </tr> </tbody> </table>	Skill	Competency Level	Control Protocol (SIP/MGCP/MEGACO)	Intermediate to Expert	PSTN	Intermediate to Expert	IP Networking	Intermediate to Expert	Ethereal / Packet Tracing	Intermediate to Expert
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Training Equipment:	<p>AudioCodes will provide the necessary equipment for the hands-on portion of the training if the training is held in the AudioCodes training facility in RTP, North Carolina. For training at the customer site, it is expected that the customer have equipment available for the training session. In some cases it is possible for AudioCodes to bring equipment to a customer site. The maximum ratio of student to equipment is no more than two students for every one AudioCodes gateway.</p> <p>The following general equipment/items need to be provided for staff who are attending the training at a customer site:</p> <ul style="list-style-type: none"> • Laptop computer • Cat 5 or 6 patch cable 										

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	<ul style="list-style-type: none"> • Hubs/switches for laptops and gateways • Projector • Dry erase board and markers or paper and markers • Analog telephones (to use with FXS gateways) • T1 cables for Mediant gateways • Proxy or application servers as dictated by customer solution <p>For training at the AudioCodes training facility customers are requested to bring their own laptops, but do not have any other equipment obligations.</p>
Learning Aids:	<p>The following are provided by AudioCodes to training class participants:</p> <ul style="list-style-type: none"> • CD-ROM with applicable materials • MediaPack and Mediant Installation, Operation and Maintenance Manuals • Software, utilities, tools, configuration samples and traces
Training Syllabus (2-3 Days):	<ul style="list-style-type: none"> • AudioCodes Introduction <ul style="list-style-type: none"> ✓ AudioCodes Products • TP-6310 Overview <ul style="list-style-type: none"> ✓ Hardware Overview ✓ Hardware Configurations ✓ PSTN Interface Configuration Via INI File • TP-8410 Overview <ul style="list-style-type: none"> ✓ Hardware Overview ✓ Hardware Configurations ✓ PSTN Interface Configuration Via INI File • Mediant 3000 Overview <ul style="list-style-type: none"> ✓ Chassis Overview ✓ HA Principles ✓ IP Address Assignments • AudioCodes Boot Process <ul style="list-style-type: none"> ✓ BootP ✓ INI Files ✓ CAS Files • EMS Training <ul style="list-style-type: none"> ✓ EMS Overview ✓ EMS Basics ✓ EMS Software Manager ✓ EMS Media Gateway Tree ✓ EMS Monitoring Gateways ✓ EMS Provisioning Concepts ✓ EMS Fault Management ✓ EMS and Mediant 3000 • Gateway Provisioning Training <ul style="list-style-type: none"> ✓ Info and Security Tab ✓ Network Tab ✓ Telephony Tab ✓ VoIP Media Tab

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- ✓ VoIP Control Tab
- ✓ Trunk Provisioning
- Diagnostics Tools
 - ✓ PSTN Trace
 - ✓ DSP Trace
 - ✓ Syslogs
 - ✓ Ethereal
 - ✓ BootP