



**CAFÉ Media Server Fundamentals
MI13V
Course Syllabus**

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Summary

With CAFÉ Media Server, service providers can offer services like N-way calling, Announcements, Digit Collection, and CALEA Lawful Intercept.

This 2 day course will open with broad CAFÉ product overview before diving in to specifics on N-way calling application administration.

Upon completion of course students will have knowledge of:

- Base design and architecture of CAFÉ platform
- Media server applications and commands
- Administration GUI
- Configurations and maintenance procedures
- Troubleshooting Methods

Course options

Movius offers the course remotely or on-site.

Remote prerequisites:

Training for up to 6 students will be provided remotely. Remote access software is used to view on-line presentations in addition to remote access/control of CAFÉ server.

On site prerequisites:

Training for up to 6 students will be provided at the customer site. Students should have access to a lab server for hands-on participation. An overhead projector is also required.

Documentation:

This course leverages the following CAFÉ technical documentation:

- Product Overview
- Administration Guide
- CAFÉ Media Server Guide

Computer Requirements

Windows System Requirements

- Windows Vista, Windows 7 or Windows 8
- Internet Explorer 9+, Safari 6+, Firefox 28+ Chrome 34+

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- High speed broadband connection
- P350+ MHz, 128+ MB memory
- 800x600 16-bit color display or better

Apple System Requirements

- Mac OS/X 10.4.4 or later
- Safari 6+
- High speed broadband connection
- G4 700 MHz PowerPC, 384 MB memory
- Display color depth: Thousands of colors

Module 1: CAFÉ Overview

Topics

- Why CAFÉ
- Platform Overview
- Core Components
- Architecture Summary

The lessons within this module provide a broad overview of the CAFÉ platform as an intro to media server applications that run on CAFÉ.

Module 2: CAFÉ Media Server GUI

Topics

- CAFÉ Administration GUI
- CAFÉ Dashboard
- CAFÉ Console
- System Status
- Single Point Management
- Reports
- GUI Administration Summary

The CAFÉ Dashboard enables you to manage your platform and applications in one place. The lessons within this module describe the primary functions you will use to do this.

Module 3: Media Server Applications and Commands

Topics

- Applications Overview
- MGCP Commands

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- High Level Call Flow
- Media Server Engine MGCP Transport and Processing

The CAFÉ media server conforms to MGCP protocol stack. The lessons within this module introduce CAFÉ media server applications and MGCP commands that are supported.

Module 4: Configuration and Maintenance

Topics

- Configuring server to accept 3-way conference calls from hiQ (mgcp.conf)
- Configuring multi-node NANO cluster (OpenNMS, CDR's, Yum Repository)
- Upgrade Procedures
- Maintenance Procedures
- SNMP MIBs

The lessons within this module cover CLI configurations for both application and multi-node cluster. They introduce operations to upgrade and maintenance procedures.

Module 5: Media Server Troubleshooting and Logs

Topics

- MGCP Endpoints and Channel Monitoring
- Media Server Log
- Media Server Debug

The lessons within this module cover general troubleshooting and debug activities.