Premises Meetings

What's New in version 2.8

Cisco Meeting Server

Cisco Meeting Manager

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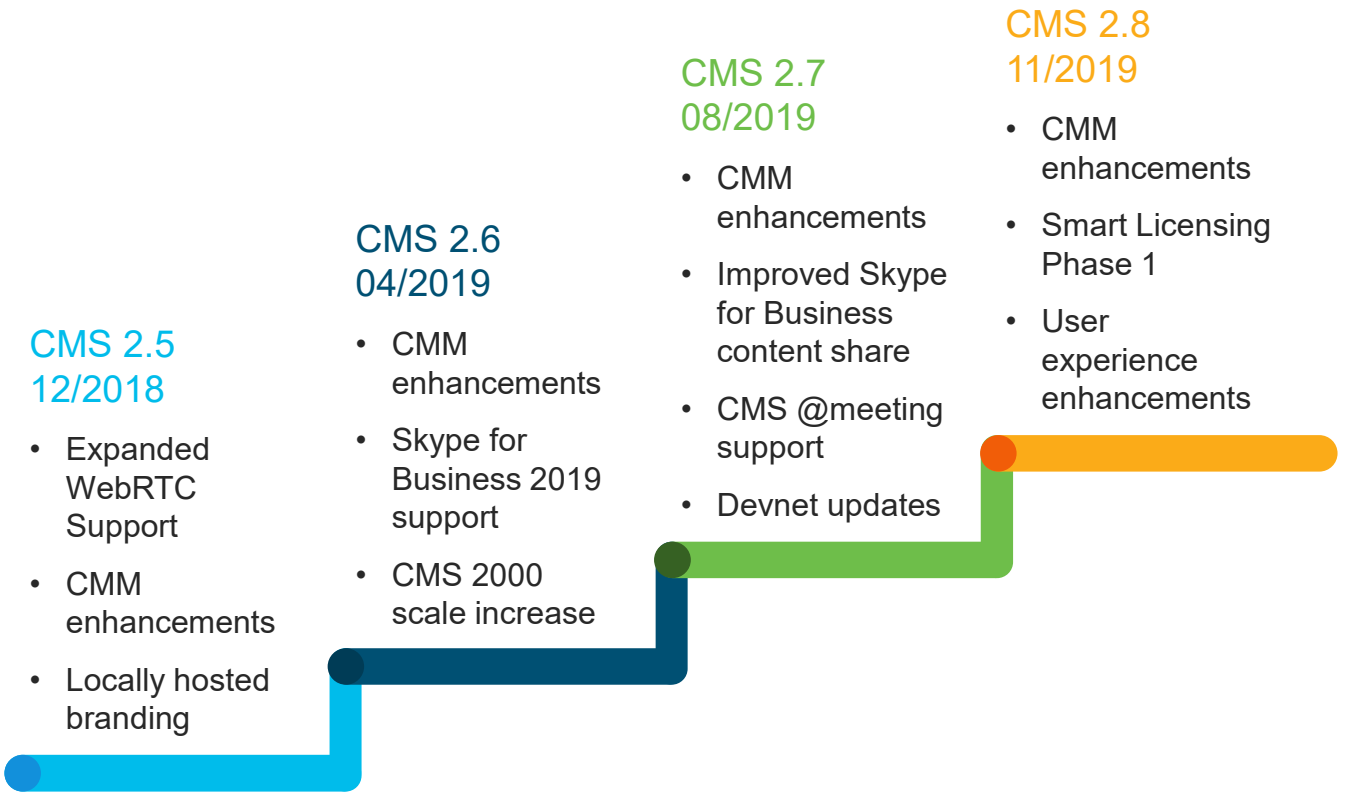
Cisco Meeting Server Solution
What's new 2.8!

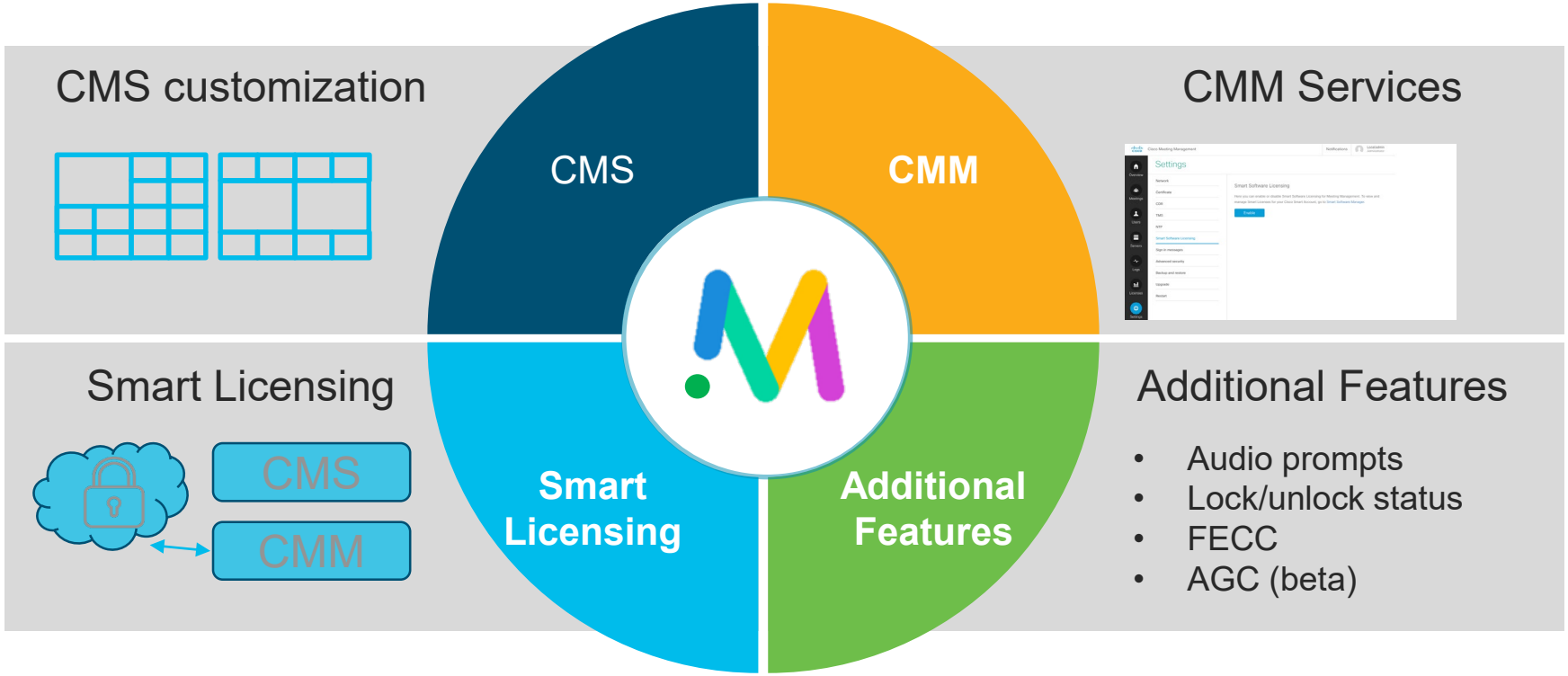
Cisco Meeting Server (CMS)

Cisco Meeting Management (CMM)

CMS Release Schedule Highlights

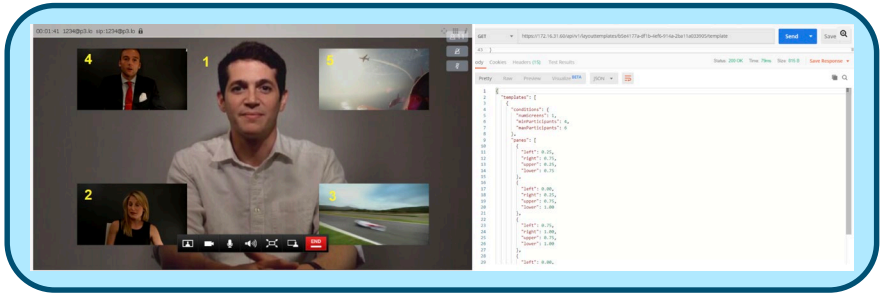


CMS Release Highlights



Cisco Meeting Server Version 2.8

Cisco Meeting Server 2.8 Layout Customizations Overview



Sample JSON files available in CMS 2.8 Release Notes

Additional Custom layout examples:

https://github.com/ciscocms/layout-templates

API Objects added to support custom layouts:

- /layoutTemplates
- /layoutTemplates/
- /layoutTemplates//template

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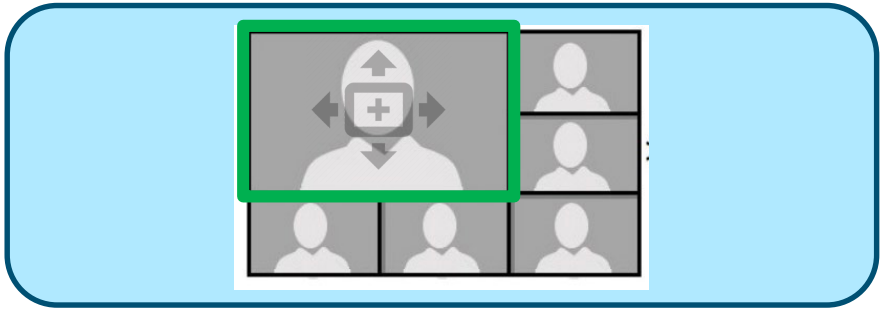
Cisco Meeting Server 2.8 Far End Camera Control Overview



- Requires CMS 2.8
- Enabled by default
- Supports SIP endpoints that support FECC

API Objects added to support FECC:

- controlRemoteCameraAllowed
- sipH224

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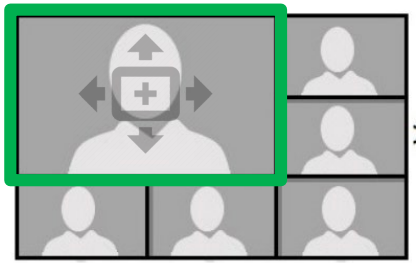
Cisco Meeting Server 2.8
Far end camera control (FECC)

FECC is sent to “focused” pane.

- Usually largest pane in a layout
- Can be set by pane placement
- Can be set by importance



API parameters added in 2.8

controlRemoteCameraAllowed

Possible values:

- True
- False

GET/PUT

- /callLegs/<callLeg id>
- /callLegProfiles/<call leg profile id>

POST

- /callLegProfiles
- calls/<call id>/participants

sipH224 (SIP FECC Protocol)

Possible values:

- True
- False

POST

- /compatibilityProfiles

PUT

- /compatibilityProfiles/<compatibility profile id>

GET

- /compatibilityProfiles/<compatibility profile id>

Cisco Meeting Management Version 2.8

Cisco Meeting Management 2.8
Smart Licensing

CMS 2.6/2.7
Pre-Smart

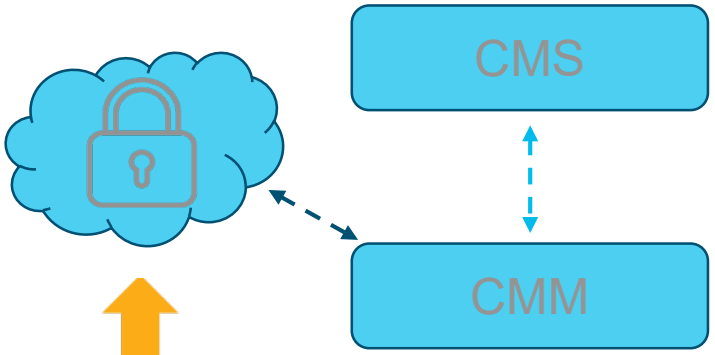
- Licenses provided to customer and uploaded to CMS
- CMS reports license status to CMM
- CMM dashboard displays license status

CMS 2.8
Smart Optional

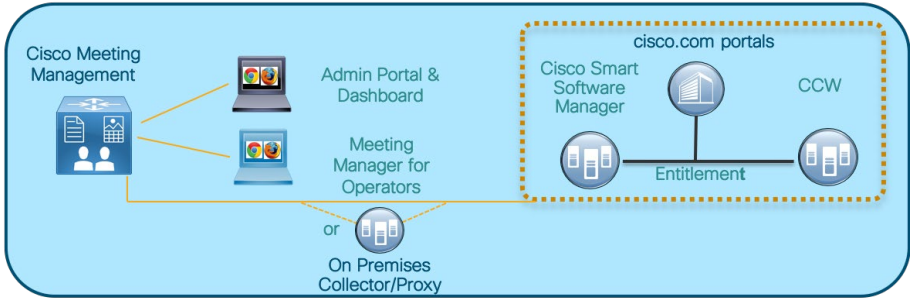
- Licenses provided and Smart Account selected
- Migration to Smart optional
- CMM displays license status from CMS or after Smart conversion from CMM Smart check-in

Future

- CMM is mandatory
- CMM-CMS trust established, no license file to upload to CMS
- Smart licensing mandatory
- Premises proxy available



Cisco Meeting Management 2.8 Smart Licensing Configuration Overview



- Smart licensing and/or CMM Optional in 2.8
- Premise option available with premises collector
- Enable Smart Licensing in CMM
- Configure transport options as required
- Register CMM to Cisco SSM

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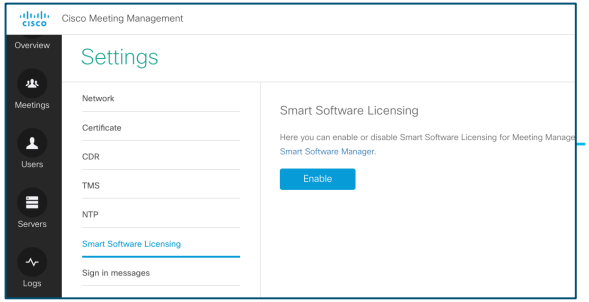
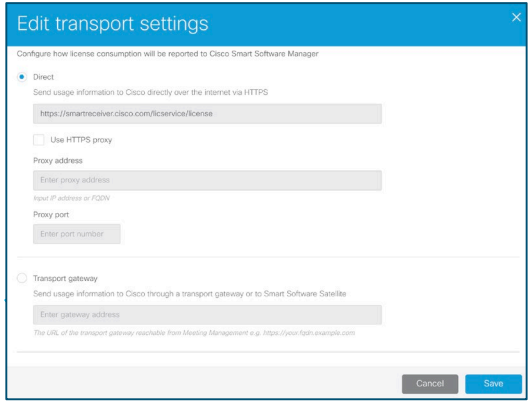
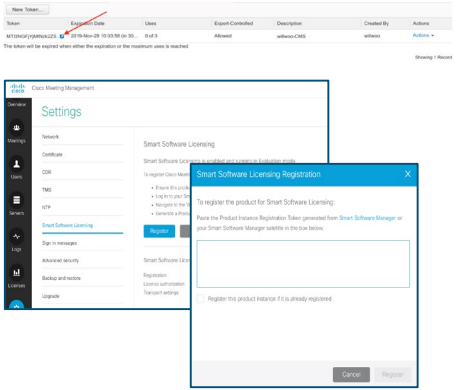
Cisco Meeting Management 2.8 -Smart Licensing



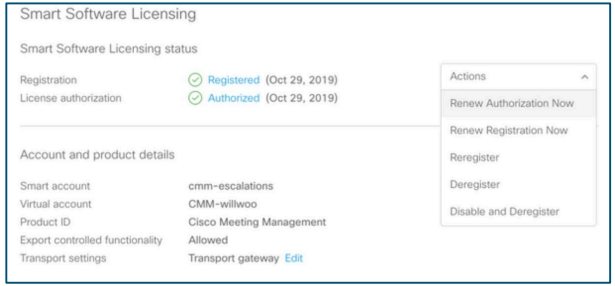
- Enable Smart licensing on CMM



- Configure transport

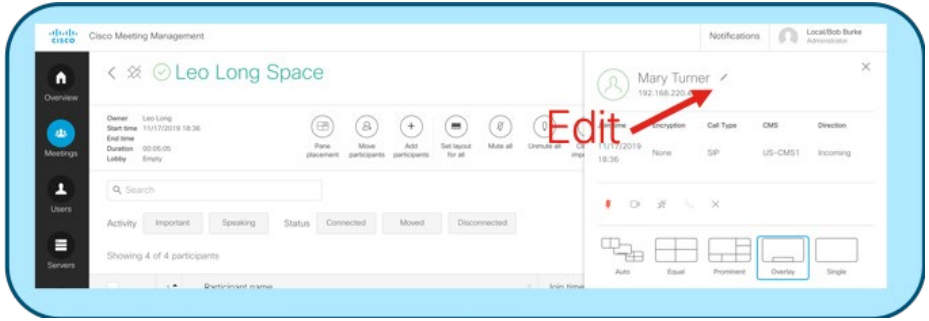


- Enter SSM token
- Register CMM



- License options available

Cisco Meeting Management 2.8 Change Label Configuration Overview



- CMS 2.8 required for label change feature
- Up to 50 characters allowed for label
- Label remains if participant is moved to another meeting

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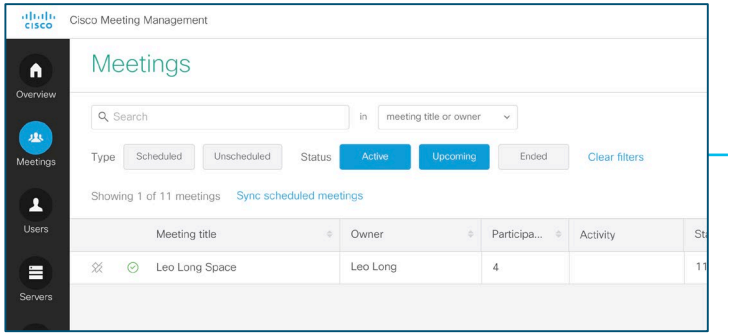
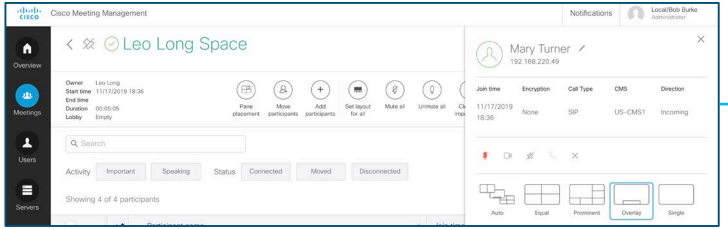
Cisco Meeting Management 2.8 -Change Labels

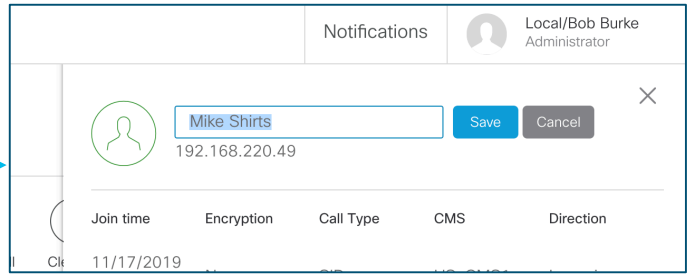


- Select Meeting

- Select Participant

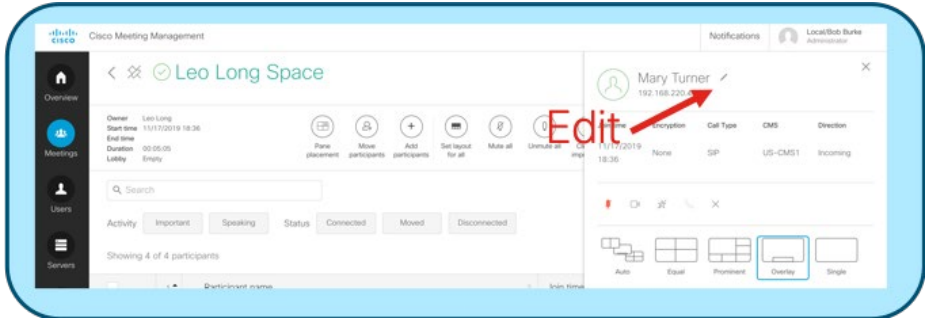


- Select Edit



- Edit label and Save

Cisco Meeting Management 2.8
TMS Phone Book integration Configuration Overview



- CMS 2.8 required for label integration
- TMS 15.9 Required for integration
- TMS must be integrated into CMM

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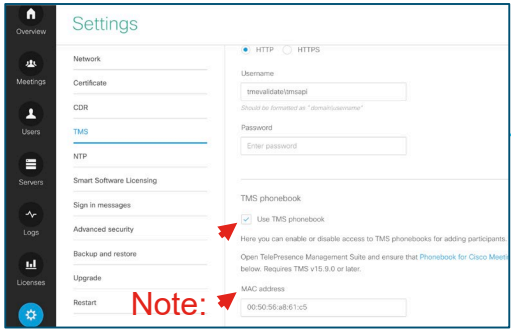
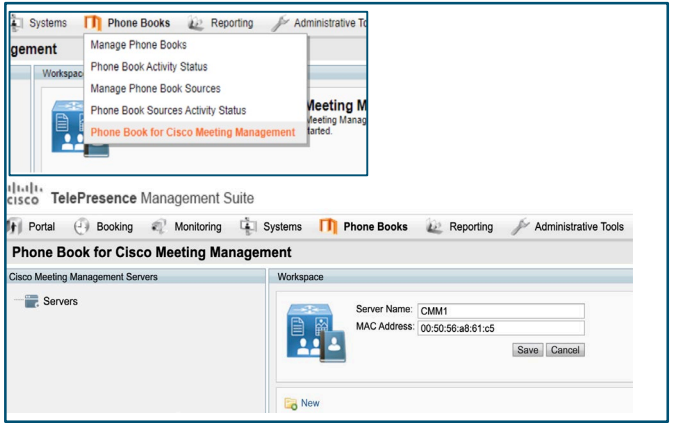
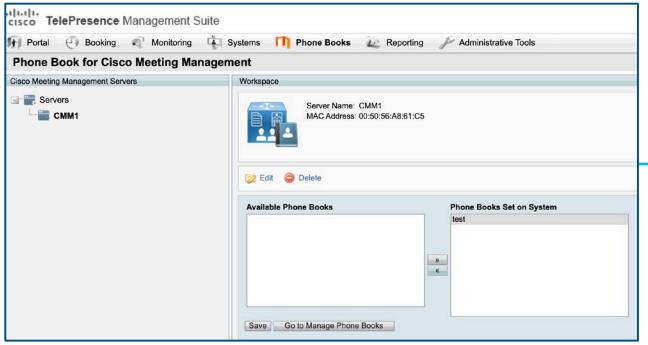
Cisco Meeting Management 2.8 -TMS Phone Books



- In CMM check Use TMS phonebook



- In TMS add CMM for phonebooks



- Assign phonebooks for CMM

- Restart CMM for changes to take effect

Cisco Meeting Server
Cisco Meeting Manager
Version 2.8 Additional Features

Additional Features -CMS 2.8

- Ability to enable Automatic Gain Control (Beta feature)*
- Increased maximum size of diagnostic packet capture available from 100MB to 1GB
- From CMS 2.8 CMS1000 M4,M5 and specs-based servers support:
  - ESXi 6.0 U3
  - ESXi6.5 U2
  - ESXi6.7

Due to changes made by VMWare in recent versions audio capacity on CMS is affected. (No change for video capacity)

	CMS1000 M4	CMS1000 M5
Full HD 1080p60	24	24
Full HD 1080p30	48	48
HD 720p30	96	96
SD448p30	192	192
Audio calls	1700	2200

*Beta features are subject to change based on feedback, and functionality may change. Customers are encouraged to test the Automatic Gain Control feature in 2.8 any issues found should be raised to TAC.

Miscellaneous Features -CMS 2.8

- API parameter added to disable peer to peer ICE negotiation
  - POST on /compatibilityProfiles
    PUT on /compatibilityProfiles/
    GET on /compatibilityProfiles/
- Additional audio prompts
  - Lock/Unlock meeting status prompts
    - Add 2 audio recording files to enable:
      meeting_ locked.wav: this meeting is locked
      meeting_unlocked.wav: this meeting is unlocked
  - New parameter supported to implement participant count in DTMF profile
    - New API parameter to enable
      getTotalParticipantCount
- Additional tracing options available from CMS web interface
  - BFCP tracing
  - FECC tracing
  - Active Speaker tracing

Additional Features -CMM 2.8

- **Lock or Unlock a Meeting**
  - Requires configuration of Activator/Activee (formerly known as Host/Guest) profiles
- Check certificate revocation lists for TLS connections
  - LDAP server
  - TMS API
  - Log servers
  - Cisco Smart Software Manager
  - Call Bridges

Additional Resources

Cisco Meeting Server FAQ Sites

- Cisco Meeting Server (CMS) FAQ
  https://meeting-infohub.cisco.com/faq/
- Cisco Meeting application WebRTC Important Information site
  https://www.cisco.com/c/dam/en/us/td/docs/conferencing/ciscoMeetingApps/WebRTC_important_info/Release_Notes_CMA_webRTC_latest.pdf
- Cisco Meeting Server Configuration Guides
  https://www.cisco.com/c/en/us/support/conferencing/meeting-server/products-installation-and-configuration-guides-list.html

Cisco Meeting Server Devnet Resources

- Cisco Meeting Server Devnet Site
  https://developer.cisco.com/cisco-meeting-server/
- CMS API How To
  https://video.cisco.com/detail/video/6005266150001/how-to-use-the-cisco-meeting-server-api

Sales Resources

- Cisco Meeting Server IBM Connections page
  http://go2.cisco.com/meeting-server-info
- Cisco Meeting Server Sales Connect page
  https://salesconnect.cisco.com/#/program/PAGE-10095

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