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NMS Release 1-1216

Release Date

2012-06-01

Highlight

- More support for OMP
- Codec management for connections
- Outbound call center reports.
- Support for 3rd party Call control

Features

Publicly Available in Beta

- OMP

Resolved Issues

Issue #	Issue Type	Descriptions
NS005297	Feature	Call In and Record MOH files
NS005392	Defect	DTMF detection for Vmail Escape
NS004556	Feature	Connection Token - G711 1st priority
NS005494	Defect	Not Recording Calls
NS004743	Defect	Call trace release reason issue
NS005498	Defect	Auto Answer does not work with Xfer Term
NS005582	Defect	No Greeting Index Present
NS005698	Feature	Error when a call goes to voicemail
NS005700	Defect	Uploaded MOH files are inaccessible
NS005720	Feature	Call forwarding failure
NS005744	Defect	No input form checking when creating conference in OMP
NS005837	Defect	Bad Cancel 2012

Database Changes

Table	Fields	Descriptions

Changes

NCS CPP Code

Issue #	Descriptions
	(1-1216x1) Added handler for Conference CRUD
	(1-1216x1) Added System Parameter <PerConfSipAuthKey> (default no) to use different key per conference in case <PerConfSipProxy> is "no". This parameter has no effect when <<PerConfSipProxy> is "yes"
NS005744	(1-1216x2) Escape special characters in `name` and `dial_plan` field when updating db for conference configuration

NMS CPP Code

Issue #	Descriptions
	(1-1216x1) Added SBus Call Controls listener
NS005498	(1-1216x1) Correct application of Additional SIP Header upon Blind Xfer the Termination side
NS005494	(1-1216x2) Replaced Insert by Upsert when inserting new LIC to external DB
	(1-1216x3) Added handling of Active Call Action "answer" to all the forward ringing states
	(1-1216x4) Added handling of API Call Action "call" with "auto" (answer) option
	(1-1216x4) Applied the Request ID as the SIP Call-ID associated with the Subscriber that requested a Call (via Call Request or Call Action)
	(1-1216x5) Added system parameter <DtmfToDebounce> with default to 60 (ms)
NS005582	(1-1216x6) Greeting recording write Greeting Index to ".inf" file
NS005392	(1-1216x7) Correct missing parameter initialization for RTP layer DTMF detector
NS005582	(1-1216x8) Parse greeting index from filename when greeting is recorded by generic function without explicitly specifying that its a greeting and the associated greeting index
NS004556	(1-1216x8) Added option to set Audio Codec priority for Origination and/or Termination Connection
	(1-1216x8) Upon start up, delay Subscriber loading from DB until finish loading all Domain objects
NS004743	(1-1216x8) Correct missing realignment of Orig vs Term upon BYE during MOH from Talking
	(1-1216x9) Added receiver for SBUS CRUD events for "Call Queue" and "HuntGroup"
	(1-1216x10) Recoded CDR Insert SQL to use "string" instead of char[2048] to accommodate longer data values
	(1-1216x11) Added debug trace for Device CRUD
	(1-1216x12) Sequence the loading of device and feature after all subscriber are loaded into memory
	(1-1216x13) Correct variable sizing for db binding to fetch device entries upon startup
NS005837	(1-1216x14) Added missing T/O to S-Connecting and S-Inviting to abort session after CANCEL/BYE if forward leg never return 1xx Response to INVITE

(1-1216x15) Added handling of action="call_to_record" to SBus Call Command receiver

UI Code

Issue #	Descriptions
NS005700	(1-1216x1) Apply case insensitive compare to file suffix to distinguish WAV vs MP3 MOH files
	(1-1216x1) Conference show Auth User and Key in edit form for <PerConfSipAuthKey> == "yes", even if <PerConfSipProxy> == no
	(1-1216x2) Added Subscriber Only import via SBus
NS005297	(1-1216x3) Added Button to Admin's MOH page to Record new MOH. Corrected file selection and description when recording MOH
	(1-1216x4) Added handling for 'convert' == "wav16" to "playback"
	(1-1216x5) Added protection against sql injection attacks at the login pages
	(1-1216x6) Plugged a few potential sql injection attacks for "Playback"
	Added System Update To 1-1216

Responder

Issue #	Descriptions
NS005698 NS005720	(1-1216x1) Added "To Device w/VM - Add Header" application

Audio Files

Audio Files	Descriptions

Upgrade Procedures

- System > Backup and Restore > Code Upload
 - Upload from: **nms-1-1216-f12_64.tar.gz**
 - Click "Upload Code"
- System > Backup and Restore > Code Upload
 - Upload from: **Nms_UI_1-1216.tar.gz**
 - Click "Upload UI"
- System > Backup and Restore > Code Upload
 - Upload from: **ncs-1-1216-f12_64.tar.gz**

- Click "Upload Code"
- System > Backup and Restore > Code Select
 - Click "Change"
 - Select
 - SIPbx Filename: **nms-1-1216-f12_64**
 - NCS Filename: **ncs-1-1216-f12_64**
 - UI Filename: **Nms_UI_1-1216**
 - Click "Apply"
- System > Backup and Restore > Archive Upload
 - Upload from: **Responder_1-1216.nca**
 - Click "Upload"
- System > Backup and Restore > Configuration Restore
 - Restore from: **Responder_1-1216**
 - Click "Restore"

- Untar **Audio_1-1216.tar.gz** to /usr/local/NetSapiens/default/audio
- Refresh browser to make system updates available in UI
- System > System Update > To 1-1216
 - If there is no confirmation message, repeat this step.
 - Note: All intervening DB updates must also be applied (e.g., To 1-1199 ... To 1-1216).
 - Note: DB error messages can safely be ignored.
 - Note: Requires tac login.
 - **Important: Apply at both sides of an HA pair.**
- Restart NMS and NCS to activate the new version