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NMS Release 1-1205

Release Date

2010-11-30

Highlight

- Prepaid - now allows 0 balance user to make call if rate is 0.0/min
- Re-branding - ability to re brand easier, capable of hostname based branding, files pulled from DB.
- Fixup MOH re-invite state to eliminate that triggers a quick second re invite.
- Acceptance of a early BYE before a 200ok. Previously caused no ack timeout.
- Prompt to select "Dir Annc" after a new user has recorded its name

Resolved Issues

Issue #	Issue Type	Descriptions
NS001876	Feature	ability to make a call on prepaid system without a balance on rates of 0\$/min
NS001885	Feature	reseller branding for all admin apps
NS001914	Feature	Routing on To header
NS001927	Defect	contention in device deletion causes core dump
NS001928	Defect	MOH stuck in moh-00
NS001941	Defect	Call Disposition from UI portal
NS001944	Defect	Dir Lst Not Being Set by Import
NS001945	Defect	Added missing handling for special characters in email address
NS001947	Feature	some forward leg error codes (example 404) are not shown in trace
NS001948	Defect	single quote in voicemail address causes error
NS001955	Feature	Re-examine the hold-moh state to se if possible to reduce the forward re-invites
NS001966	Defect	cdr downloads
NS002016	Defect	cannot find responder
NS002028	Feature	Dir Anc setting workflow

Compatibilities

Modules	Compatible Versions
NMS	1-1205c
Responder	1-1205
NCS	1-1205
NMS UI	1-1205b
NFR	1-1203
NAS	1-1205b

LICF	1-1204
NDP	1205.**
NupX	1205.**
tacserver	1.0.215
agent	1205.**

Database Changes

Table	Fields	Descriptions
`SiPbxDomain`.images`		To store the UI images
`call_disposition`	`ts`	UI need at least one field outside of primary key

Changes

NCS CPP Code

Issue #	Descriptions
	(1-1205x9) Added Orig Call ID to Event Trace
	(1-1205x9) Correct handling of multiple Participant with the same From-URI into the same conference room
	(1-1205x9) Correct local RTP Port leak upon Participant add/update error and prevented subsequent binding
	(1-1205x10) Changed DEFAULT_CONFERENCE_WORKER_COUNT from 64 to 16

NMS CPP Code

Issue #	Descriptions
NS001914	(1-1205x1) Added "RouteByReq" Connection Token to specify Routing by Req-URI (instead of To-URI)
NS001876	(1-1205x2) Rate Response process ignore Balance requirement if Rate <= 0.0
NS001927	(1-1205x3) Protect Registration Entry Add & Delete against entry that has invalid Origination to Termination Match that can trigger crashes
NS001928	(1-1205x3) Added missing file index advance in MOH after selecting moh-00
	(1-1205x4) Correct the crash condition introduced by the Subscriber Session Limit logic in 1-1204
	(1-1205x5) Added Rate Quote Request via S-Bus
	(1-1205x5)(1-1205x4c) Added missing check against attempt to delete non-existing Device
NS001945	(1-1205x6)(1-1205x4c) Correct consistency of Destination URI upon Blind Xfer broken by the correction in 1-1205x4 to overcome a crash condition
	(1-1205x6) Added explicit "a=sendrecv" when re-INVITE to MOH or local Media playback
NS001955	(1-1205x7) Intercept the Hold re-INVITE and (if MOH is enabled) replaced it with a MOH re-INVITE,
	(1-1205x8) Added SBus Cookies handling to keep Rating Request/Response via SBus to the same NAS for each Rating Session

	(1-1205x8) Added Hold Guard State
	(1-1205x9) Correct UAC processing of pending Cancel upon 1xx
	(1-1205x9) Tolerate BYE before 200 or ACK from re-INVITE destination
NS002047	(1-1205b) Correct missing check for Route Option Type when checking for NULL Cost upon a Route Connection Update with <LcrGetCostWhenUpdate>="yes".
	(1-1205b) Handle BYE from re-INVITE sender while re-INVITE transaction is in-Complete
	(1-1205c) Correct memory leak introduced in 1-1204 from pre-loading Route Set.

UI Code

Issue #	Descriptions
NS001885	(1-1205x2) Load image from database by "Server Name", "Territory" and "Domain"
NS001885	(1-1205x3) Added Images configuration page
NS001941	(1-1205x4) Added `call_disposition`.ts`.
NS001948	(1-1205x5) Added missing handling for special characters in email address
NS001947	(1-1205x5) Added all associated Term Call Id to the Event Link for Batch's Event
	(1-1205x9) Added Time Filter and Download to Conference Event
	(1-1205x10) Correct Table Paging for Participants in Admin Conference page
	(1-1205x11) Added filter for Release Reason to Call History
NS001944	(1-1205x12) Correct handling of Subscriber "Dir Lst" from Import
NS001966	(1-1205x12)Removed un-necessary call to UpdateCdrHelperTable when exporting CDR
	Added System Update To 1-1205 <ul style="list-style-type: none"> • Added `call_disposition`.ts`.

Responder

Issue #	Descriptions
NS001876	(1-1205x2) Added announcement for Prepaid Out-Of-Time
NS002016	(1-1205x3) Recover missing "To Connection - with Escape" application
NS002028	(1-1205x4) Prompt to select "Dir Annc" after a new user has recorded its name

Audio Files

Audio Files	Descriptions
phrase-out-of-time.wav	I'm sorry, you are out of time
phrase-select-dir-annc.wav	Press "1" to be announced in the Directory, or "0" to not be announced
phrase-dir-annc-is-disabled.wav	Your name will be not be announced in the Directory
phrase-dir-annc-is-enabled.wav	Your name will be announced in the Directory

Upgrade Procedures

- System > Backup and Restore > Code Upload
 - Upload from: **Nms_UI_1-1205b.tar.gz**
 - Click "Upload UI"
- System > Backup and Restore > Code Select
 - Click "Change"
 - UI Filename: **Nms_UI_1-1205b**
 - Click "Apply"
- Refresh browser to make system updates available in UI
- System > System Update > To 1-1205
 - If there is no confirmation message, repeat this step.
 - Note: All intervening DB updates must also be applied (e.g., To 1-1199 ... To 1-1205).
 - Note: DB error messages can safely be ignored.
 - Note: Requires tac login.
 - **Important: Apply at both sides of an HA pair.**
- System > Backup and Restore > Archive Upload
 - Upload from: **Nms_images.nca**
 - Click "Upload"
- System > Backup and Restore > Configuration Restore
 - Restore from: **Nms_images**
 - Click "Restore"
- System > Backup and Restore > Archive Upload
 - Upload from: **Responder_1-1205.nca**
 - Click "Upload"
- System > Backup and Restore > Configuration Restore
 - Restore from: **Responder_1-1205**
 - Click "Restore"
- System > Backup and Restore > Code Upload
 - Upload from: **ncs-1-1205-f12_64.tar.gz**
 - Click "Upload Code"
- System > Backup and Restore > Code Upload
 - Upload from: **nms-1-1205c-f12_64.tar.gz**
 - Click "Upload Code"
- System > Backup and Restore > Code Select
 - Click "Change"
 - NCS Filename: **ncs-1-1205-f12_64**
 - Click "Apply"
- System > Backup and Restore > Code Select
 - Click "Change"
 - SiPbx Filename: **nms-1-1205c-f12_64**
 - Click "Apply"
- Restart NMS and NCS (server shell commands):

% **service netsapiens_nms restart**
% **service netsapiens_ncs stop**
% **service netsapiens_ncs start**