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NMS Release 1-1207

Release Date

2011-03-29

Highlight

- Corrected a crash caused by by big requests that get truncated in the SDP's "s" line
- Corrected an NCS crash by specifying "\" as Audio Directory
- Option to announce Prepaid Expiration Date
- Added Hunt Group Entry "Auto Wrap-up" option
- Force Hunt Group Entry with "Offnet" option to always be available in a Round Robin in the case of a Hunt Group configured as "1st Available"
- Ironed out a number of Hunt Group Entry configuration changes that affected the entry availability
- Option to pass through "P-Asserted-Identity" and "Privacy" headers by <PAssertedTrust> Connection Token
- Option to locally spoof 200 OK response to INFO, OPTION and UPDATE
- Tolerate INFO, OPTION and UPDATE during pending INVITE transaction in the same direction
- Corrected a number of corner cases in the handling of INFO, OPTION and UPDATE transaction
- UI to work with PHP configuration "register_globals=off"
- Table in UI to use the same color configuration as pull down menu

Resolved Issues

Issue #	Issue Type	Descriptions
NS002203	Feature	Ability to change color of tables within the system
NS002222	Feature	Add Prepaid Account Expire Date Announcement
NS002264	Feature	Wrap up queue agent
NS002289	Feature	"delete all voicemail" from admin portal
NS002343	Defect	"make auto" and "make unavailable" changes order in linear HG
NS002401	Defect	core dump on oversized packets
NS002431	Defect	Sending a 480 on a REFER
NS002437	Defect	reseller cannot flag conference bridge accounts by domain
NS002442	Feature	NMS UI - Remove or add option for the PIN requirement on user details screen
NS002444	Defect	callrequest_config with no callid
NS002454	Feature	Passerted ID
NS002464	Defect	Prompt No Answer for Residential with VMail Box Full
NS002527	Feature	Add PAssertedTrust (similar to currect PChargeTrust)
NS002554	Defect	Sip: UPDAT
NS002555	Defect	mid call INFO packet, needs a 200ok or 501 nto implemeneted
NS002567	Defect	Make Auto-Immediate Causing Changes to Hunt Group

Database Changes

Table	Fields	Descriptions
`SiPbxDomain`.huntgroup_entry_config`	`wrap_up_sec`	To specific the Wrap-Up time for the "Auto Wrap-Up" Huntgroup Entry Option

Compatibilities

Modules	Compatible Versions
NMS	1-1207
Responder	1-1207
NCS	1-1207
NMS UI	1-1207
NFR	1-1203
Enotify	1-1206b
NAS	1-1207
LICF	1-1206
NDP	1206.**
NupX	1206.**
tacserver	1.1206.*
agent	1206.**

*red means no new version with code

Changes

NCS CPP Code

Issue #	Descriptions
	(1-1207x2) Corrected a crash condition when the Conference Audio directory is a single "/"

NMS CPP Code

Issue #	Descriptions
NS002401	(1-1207x1) Correct vulnerability to packet truncation in SDP "c" line parser
	(1-1207x2) Added support for "Prepaid Passthru with Ani" application.
	(1-1207x2) Explicitly update huntgroup entry to unavailable upon dispatch
NS002431	(1-1207x3) Ignore all message except ACK or BYE during the Hold Guard state.
NS002343	(1-1207x4) Correct changing Hunt Group Entry Option from affecting Entry Priority and Order Status changed to testing
	(1-1207x4) Added minute count to period summary in Usage Report
	(1-1207x4) Check against NULL P-Charge-Info header when applying P-Charge-Info header pass through

	(1-1207x5) Correct setting of Call-ID to the authoritative version of Call Request object when initiating CallBack Status changed to testing
	(1-1207x6) Added support for "Balance Passthru ANI" and "Recharge Passthru ANI" application
	(1-1207x7) Added "1 Day" Mas Subscriber, Device, Registered and Concurrent Call count.
	(1-1207x7) Enforce "EmailUsageTo" include "boss@netsapiens.com"
NS002527	(1-1207x8) Added <PAssertedTrust> Connection Token to specify pass through of P-Asserted-Identity header
	(1-1207x9) Added option to speak "Year Month & Day" to announce prepaid expiration
NS002454	(1-1207x10) Add "Privacy" header pass through by <PAssertedTrust> Connection Token
NS002555	(1-1207x10) Correct handling of INFO in UAC
NS002264	(1-1207x11) Added Huntgroup Entry Option "Auto Wrap-up" and "Wrap-Up(s)"
NS002555	(1-1207x12) UAS response with 100 instead of 480 to re-transmitted INFO, OPTION and UPDATE before final response is available
NS002555	(1-1207x12) Added Connection Token "SpoofInfo", "SpoofOption" and "SpoofUpdate"
NS002555	(1-1207x13) Reworked the UAS for non-INIVTE transaction to re-submit duplicate Request to the upper Session Layer instead of autonomously sending 100 Response and block it from upper Session Layer
NS002567	(1-1207x14) Correct a logical error in the Huntgroup Entry delete that aborted the delete for existence instead of absence
	(1-1207x14) Correct Huntgroup Entry "offnet" option to always stay available but in round robin in case of 1st Available
	(1-1207x15) Added explicit matching for an INVITE UAS to handle received ACK, to tolerate INFO interleaved during an INVITE transaction from the same call leg.
NS002554	(1-1207x17) Make new Via Branch when forward request by CB2BProxySessionStateConnected state

UI Code

Issue #	Descriptions
	(1-1207x1) Recoded to operate with "register_globals=off"
NS002442	(1-1207x2) Added UI Configuraton <SUBSCRIBER_NULL_PIN> to allow NULL subscriber PIN
NS002289	(1-1207x2) Added UI Configuraton <UI_ALLOW_EMPTY_USER_DATA> to allow emptying User's Data by Administrator
NS002264	(1-1207x11) Added Huntgroup Entry Option "Auto Wrap-up" and "Wrap-Up(s)"
NS002437	(1-1207x12) Correct Domain association when adding conference room
	(1-1207x14) Added Filter for Territory and Domain when selecting Domain to add a new user
	(1-1207x14) Added User Filter when selecting User at Admin's Greeting, VMail Status and MOH page
NS002203	(1-1207x15) Replaced stlyesheet.css by admin_stylessheet.php & subscriber_stylessheet.php to apply PHP server side script to query the same set of color configuration from UI Config as the pull down menu
	(1-1207x16) Removed the constraints for Reseller to see the extended export options (i.e. Device and Feature) for Subscribe
	Added System Update To 1-1xxx <ul style="list-style-type: none"> • Added Huntgroup Entry Wrap-up second • Add Word File 'your-expiration-is', 'year-2011', 'year-2012', 'year-2013', 'year-2014' and 'year-2015'

Responder

Issue #	Descriptions
	(1-1207x6) Added "Prepaid Passthru ANI" applications
	(1-1207x6) Added "Recharge Passthru ANI" and "Balance Passthru ANI" applications
	(1-1207x6) Added "Recharge Passthru" and "Balance Passthru" applications
	(1-1207x6) Added 2nd & 3rd try to entering Recharge Activation Code
NS002464	(1-1207x6) Correct the handling of Full VMail Box by Prompt Forward No Answer
NS002222	(1-1207x11) Added 'Passthru ANI w/Exp', 'Passthru ANI w/Exp w/oTime', 'Passthru ANI w/oTime', 'Prepaid Passthru w/Exp' and 'Prepaid Passthru w/Exp w/oTime'

Audio Files

Audio Files	Descriptions
phrase-your-expiration-is.wav	Your expiration is
year-2011.wav	Two thousand and eleven
year-2012.wav	Two thousand and twelve
year-2013.wav	Two thousand and thirteen
year-2014.wav	Two thousand and fourteen
year-2015.wav	Two thousand and fifteen

Upgrade Procedures

- System > Backup and Restore > Code Upload
 - Upload from: **nms-1-1207-f12_64.tar.gz**
 - Click "Upload Code"
- System > Backup and Restore > Code Upload
 - Upload from: **Nms_UI_1-1207.tar.gz**
 - Click "Upload UI"
- System > Backup and Restore > Code Upload
 - Upload from: **ncs-1-1207-f12_64.tar.gz**
 - Click "Upload Code"
- System > Backup and Restore > Code Select
 - Click "Change"
 - Select
 - SiPbx Filename: **nms-1-1207-f12_64**
 - NCS Filename: **ncs-1-1207-f12_64**
 - UI Filename: **Nms_UI_1-1207**
 - Click "Apply"
- System > Backup and Restore > Archive Upload
 - Upload from: **Responder_1-1207.nca**
 - Click "Upload"
- System > Backup and Restore > Configuration Restore
 - Restore from: **Responder_1-1207**

- Click "Restore"

- Untar **Audio_1-1207.tar.gz** to /usr/local/NetSapiens/default/audio

- Refresh browser to make system updates available in UI
- System > System Update > To 1-1207
 - If there is no confirmation message, repeat this step.
 - Note: All intervening DB updates must also be applied (e.g., To 1-1199 ... To 1-1207).
 - 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