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NMS Release 1-1219

Release Date

2012-12-11

Highlights

- Portal Changes (/portal)
 - addition of "contacts" at the user level
 - support for a node.js backed sending on demand updates to the browser
 - addition of live presence data for contacts
 - "popout" option to allow for keeping presence panel up with other windows
 - Live active call page in OMP view.
 - Lots of new customization parameters added.
 - <http://adminguide.netsapiens.com/nms/ui-config#TOC-New-Portal>
 - Lots of minor bug fixes and cleanup on many of the pages.
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- NMS
 - "Call Queueing Add Header" Responder
 - More configurable p-asserted per connection
 - Enhancements and Bug Fixes in sim ring hunt groups
 - Added support for "role" in connections. "vendor", "customer"
 - Better support for n-share and integration with new CPP version of sbus.

IMPORTANT NOTES:

- For all "live" data including presence and any non refreshed data a valid SSL cert on the server will be required to avoid browsers denying it to security issues.
- 1219 introduces a new backend server based on node.js. We are running it on a secure port 8001 or unsecure on 8000 (only be opened by request) and will not be relaying it through apache.
- Firewall's will need to be opened if currently restricting for TCP port 8001

Resolved Issues

Issue #	Issue Type	Descriptions
NS006198	Feature	Add PAI on any outbound call for a specific trunk
NS006403	Feature	Registration Watch
NS006779	Feature	Need "Call Queueing Add Header" Responder
NS006968	Defect	Speakinfo fail on *
NS006978	Defect	Phantom Calls in Queue
NS006997	Feature	VMail instead of FnA Destination on 603 Decline
NS007041	Defect	What is < HuntGroup > device in hunt group
NS007707	Defect	Blind transferring sim rings wrong people
NS007066	Defect	Hunt Group with SimRing doesn't ring phones on Manual
NS007107	Defect	Offnet calls to voicemail result in no audio/prompts that are heard
NS007148	Defect	Hunt Group entry's Call Limit not working

NS007185	Defect	Fail to renegotiate codecs while holding in queue
NS007187	Defect	Cannot park calls
NS007332	Defect	Users not sync'd between Reseller and Office Mgr views in MP
NS007363	Feature	Change the background color of the VM Email Notification
NS007390	Defect	Selecting Set as Default from Domain Config screen results in a blank screen and no changes
NS007393	Defect	Company Directory list same user multiple times
NS007439	Defect	Offnet Hunt Group Member Not Being Called
NS007446	Feature	XIPX Integration

Compatibilities

Modules	Compatible Versions
NMS	1-1219
Responder	1-1219
NCS	1-1219
NMS UI	1-1219
NFR	1-1219
Enotify	1-1206b
NAS	1-1217
LICF	1-1214
SBUS	1-1219
NDP	1217.**
netsapiens-api	1219.**
netsapiens-portal	1219.**
netsapiens-agent	1213.**

*red means no new version with code

Database Changes

Table	Fields	Descriptions
`SiPbxDomain`.`huntgroup_entry_config`	`last_update`	To help filter for changes
`SiPbxDomain`.`gateway_config`	role`	To distinguish 'customer' from 'vendor'
`NcsDomain`.`gateway_config`	`role`	To distinguish 'customer' from 'vendor'
`SiPbxDomain`.`phone_book`	`tags`	For the Portal's contacts to work.

Changes

NCS CPP Code

Issue #	Descriptions

	(1-1219x11) Default SBUS listener option for System Events to be non persistent
	(1-1219x11) Added `role` to table `SiPbxDomain`.`gateway_config`
	(1-1219x11) Removed the sending of priming silence RTP upon starting of Collect DTMF
	(1-1219x14) Correct crash condition and memory leak in the shared SBUS library

NMS CPP Code

Issue #	Descriptions
	(1-1219x1) Added missing error handling against malformed SDP that caused crashes
NS006978	(1-1219x2) Added a background scan to delete Call Queue Entry that has no corresponding active session
	(1-1219x3) Correct Queue Arrival Time from iterations of dispatch/no-answer
NS007707	(1-1219x4) Flush any existing S-Ring list before forming new S-Ring list, to prevent S-Ring from Blind Xfer appended by prior S-Ring List
NS007187	(1-1219x5) Correct insertion of Spawned Session from Dynamic Call Park to avoid being purged by Call Queue cleanup function
	(1-1219x5) Added optional parameter "origination" to the SBUS "call" command to over-ride the device specified by the answering rule of the requesting user
NS006997	(1-1219x5) Forward Busy fall back to Prompt/Forward No Answer
NS006997	(1-1219x5) System knobs <FwdNaUpon603> (default to yes) to apply Prompt/Forward No Answer to 603
NS007185	(1-1219x6) Correct handling of re-INVITE during Call Dispatching
NS007041	(1-1219x6) Correct spurious insertion of < HuntGroup > as an Hunt Group Entry upon S-Ring to an Hunt Group
	(1-1219x6) Added `hostname` to primary key for `huntgroup_stat` table to avoid DB Replication conflict
	(1-1219x7) Correct Connection Origination Session count broken by the correction for insertion of Spawned Session from Dynamic Call Park
	(1-1219x8) link in libevent 2.0.20
NS006968	(1-1219x8) Added support for "*" when creating sentence for phone number
NS006779	(1-1219x8) Call Dispatch from Queue flush Sip Header for Auto Answer but preserve Extra Header (from Add Header apps)
NS006198	(1-1219x9) Added connection token <RateAccAsPAsserted> to apply Connection Rate Account as P-Asserted-Identity
NS006403	(1-1219x9) Added system parameter <EmailNotifyReg> to Notify "Just Registered" device that are being watched
	(1-1219x10) Added `role` to table `SiPbxDomain`.`gateway_config`
NS007066	(1-1219x10) Correct missing available manual entry when S-Ringing HuntGroup
	(1-1219x10) For SBUS event for object Time Range, Time Frame Selection or Answer Rule, fall back the actions create vs update to each other
	(1-1219x11) Default SBUS listener option for System Events to be non persistent
	(1-1219x11) Correct missing Cancel Forward upon Action to Answer during Call Dispatching and Call S-Dispatching
NS007393	(1-1219x11) Correct the Directory Purge operation upon Subscriber Delete
NS007107	(1-1219x11) Removed the sending of priming silence RTP upon starting of Collect DTMF and Record
	(1-1219x12) Added "HGStatusUpdatePeriod" with default to 20 (s)
	(1-1219x12) Changed default for "HGStatusKeepDays" from 90 to 14 (days)

NS007332	(1-1219x12) Correct unintentional un-mapping of Subscriber from associated Domain upon duplicate insert of the same Subscriber
	(1-1219x12) Correct dead-lock upon Feature Delete via SBUS events
NS007439	(1-1219x13) Correct operation to update an Hunt Group Entry from 'disabled' to 'offnet'
	(1-1219x14) Correct crash condition and memory leak in the shared SBUS library.
NS007446	(1-1219x15) Write Move To's contact info to CDR's `notes` field
NS007148	(1-1219x15) Correct handling of Hunt Group Entry's Call Limit > 1
	(1-1219x16) Listener declare Registrar and Session events to be non-persistent
NS007363	(1-1219x16) Added System Parameter <EmailBkgdColor> with default "#ffffff"
	(1-1219x16) Correct Hunt Group Entry availability for device that are not required to register

UI Code

Issue #	Descriptions
	(1-1219x1) Rename SBUS parameter "obj" to "object" and "act" to "action"
	(1-1219x1) Added "description" to queue state export.
	(1-1219x1) Added `hostname` to primary key for `huntgroup_stat` table to avoid DB Replication conflict
NS006968	(1-1219x8) Inserted '*' to `wordfile_config`
	(1-1219x10) Added `last_update` to table `SiPbxDomain`.`huntgroup_entry_config`
	(1-1219x10) Added `role` to table `SiPbxDomain`.`gateway_config`
	(1-1219x11) Added `role` to table `NcsDomain`.`gateway_config`
NS007390	(1-1219x12) Correct "Set Default" button when editing Domain
	(1-1219x13) Added `tags` to table `SiPbxDomain`.`phone_book`
	<p>Added System Update To 1-1219</p> <ul style="list-style-type: none"> • Added `hostname` to primary key for `huntgroup_stat` table to avoid DB Replication conflict • Inserted '*' to `wordfile_config` • Added `last_update` to table `SiPbxDomain`.`huntgroup_entry_config` • Added `role` to table `SiPbxDomain`.`gateway_config` • Added `role` to table `NcsDomain`.`gateway_config` • Added `tags` to table `SiPbxDomain`.`phone_book`

Portal Code

Issue #	Descriptions
NS006980	Recent Calls showing nothing newer than Oct 5 on home page
NS006986	cannot page through call history
NS006998	Dedicated option for OpConsole visibility
NS007023	can we collapse active phones and active answering rule on the home page to have more room for contacts
NS007065	Portal Answering Rules Problem
NS007068	wrong CDR from a click to call
NS007069	Ability to add MAC from reseller level
NS007089	Default Answer Rule does not appear in OMP
NS007090	Usability issues with Sim Ring and Answer Rules

NS007092	Call History does not filter by descending
NS007097	Can't edit answering rule that has a local time frame
NS007128	New portal - user filter matches call history filter
NS007129	New portal - ability to hide and disable edits of e911 field
NS007130	New portal - ability to disable export
NS007133	New portal - ability to clear status in user portal
NS007134	"Call history formatting isn't consistent + breaks parsing that normalizes format"
NS007135	New portal - caller ID format validation
NS007136	Column sort in Phone Hardware section not working
NS007138	Problems with new portal UI config to hide users
NS007139	Problems with new UI config to enable reseller access
NS007159	duplicate answering rules created
NS007210	Unable modify Time Frames OMP
NS007219	OMP - Updating Subscriber First/Last Name does not update Caller ID Name
NS007220	OMP - Audit Log
NS007236	Re-enabling voicemail on a user doesn't work in user portal
NS007242	"block ""Anonymous"" calls in answering rules"
NS007252	Ability to set and enforce a minimum password (PIN) length
NS007270	default call graphs for a new domain have negative values
NS007271	""Add Phones"" broken "
NS007288	"Saving ""Profile"" in user view displays modal content in portal.ctp layout"
NS007289	Time Frames search does not work
NS007297	add ability to copy answering rule in user portal
NS007302	portal ring time out doesn't have options from SiPbx
NS007307	portal does not use time zone from user profile
NS007309	Default values from admin UI are not used for a new user created in portal
NS007316	Option to disable Company Directory in AA
NS007321	Ability to disable number management in OMP/Reseller
NS007338	Copyright notification when adding Music on Hold in new portals
NS007339	Ability to hide users from Auto Attendant menu in OMP
NS007353	Database changes not committing to real time code ((AA create)
NS007355	Cannot upload AA menu prompt file via OMP
NS007356	Small graphical error on OMP buttons w/ Firefox 16
NS007381	"In the Reseller portal in the new UI ""Active Calls"" shows active calls on the whole switch"
NS007405	Music on Hold through OMP
NS007408	Ability to disable User editing of Caller ID and E911 in MP-User
NS007414	MAC duplicates
NS007415	Firefox sound file format
NS007416	Call queue list users with autocomplete
NS007418	display time to ring for agents in call queue
NS007422	"Uncheck save and refresh (intro greeting)"
NS007434	AA options not showing up in new portal

NS007435	"Editing ""Options"" in Auto Attendant menu of OMP does not work"
NS007441	Unable to delete AA tiers in OMP
NS007455	No pagination for OfficeManage>Users Page
NS007458	"Error when clicking ""View All Domains"" while editing auto attendant etc."
NS007492	Ability to set direct to voicemail answering rules in User and OMP
NS007496	Remove email requirement when creating users in new portals
NS007497	"When creating a user in OMP the ""date created"" in admin portal is empty"
NS007518	Edit Contacts window comes up with no name
NS007519	"active calls list on domain home page not ""live"""
NS007520	Show currently ACTIVE Timeframe in Answering Rules page
NS007535	Allow reseller to add phones to a domain inventory with no users
NS007536	cannot create a second timeframe for a domain
NS007540	False error when adding agent to call queue
NS007559	Edit queue Direct Phone Number option not working
NS007560	can't see new direct number in queue edit window
NS007577	UI Toggles for OMP not working for Domain level
NS007586	Adding Time Frames no longer checks if name is already in use
NS007597	OMP branding for reseller
NS007598	Call Block not working when entered from OMP

Responder

Issue #	Descriptions
NS006779	(1-1219x8) Added "Call Queuing Add Header" application

Audio Files

Audio Files	Descriptions
nms-word-star.wav	To announce the "*" digit for a phone number

Upgrade Procedures

- System > Backup and Restore > Code Upload
 - Upload from: **nms-1-1219-f12_64.tar.gz**
 - Click "Upload Code"
- System > Backup and Restore > Code Upload
 - Upload from: **Nms_UI_1-1219.tar.gz**
 - Click "Upload UI"
- System > Backup and Restore > Code Upload
 - Upload from: **ncs-1-1219-f12_64.tar.gz**
 - Click "Upload Code"
- System > Backup and Restore > Code Select
 - Click "Change"
 - Select

- SiPbx Filename: **nms-1-1219-f12_64**
- NCS Filename: **ncs-1-1219-f12_64**
- UI Filename: **Nms_UI_1-1219**
- Click "Apply"
- System > Backup and Restore > Archive Upload
 - Upload from: **Responder_1-1219.nca**
 - Click "Upload"
- System > Backup and Restore > Configuration Restore
 - Restore from: **Responder_1-1219**
 - Click "Restore"

- Untar **Audio_Nms_1-1219.tar.gz** to /usr/local/NetSapiens/default/audio
- Refresh browser to make system updates available in UI
- System > System Update > To 1-1219
 - If there is no confirmation message, repeat this step.
 - Note: All intervening DB updates must also be applied (e.g., To 1-1199 ... To 1-1219).
 - 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

- Install the latest API, Portal, Node server
 - apt-get install netsapiens-api netsapiens-portals netsapiens-node