NMS Releases >

NMS Release 1-1208

Release Date

2011-05-10

Highlight

- NCS N-Store via SBus
- NCS held participant in MOH until "quorum" is reached
- Responder Application to Check PIN after Dialing the number
- Fallback to [*] on <OwnCidEmgr> when it returns null
- Playback audio via "Playback" server side script, and removed the full URL to the actual file
- Support NAS implementation of per NAS account call limit
- Check license from non eth0 interface
- Option to replicate "Statistic"
- Statistic for LIDF
- Added <NoHold> connection token
- Added Ubuntu 10.04 64-bit compile for NMS and NCS
- **Obsoleted FC5 compile for NCS**

Resolved Issues

Issue #	Issue Type	Descriptions
NS001775	Defect	No Record entry browser popup when using IE8
NS001943	Defect	cannot play back default audio through UI.
NS002198	Defect	On user edit in domain level, limit the dial policy and translation settings
NS002350	Defect	Resi V-Mail by pressing *
NS002394	Feature	Conference Bridge hold music
NS002521	Feature	User PIN for International Calls
NS002578	Feature	NAS per account active call limit
NS002604	Feature	ability to check license from non eth0 interface
NS002605	Feature	Music on Hold RTP cut through
NS002615	Defect	Reseller/Domain NMS access views seeing Carrier info in Call history
NS002638	Defect	Unable to add to conf participants from domain directory
NS002648	Feature	Fallback to [*] on <OwnCidEmgr> when it returns null
NS002665	Feature	ability to have a link that doesn't include the full path to the file.
NS002670	Defect	Unauthorized access to list of all users in domain that user is in
NS002690	Feature	Make auto immediate and auto wrap up function the same
NS002691	Defect	Leader Required not shutting off MOH upon Leader arrival
NS002679	Feature	Unable to Download Trace
NS002707	Defect	On user create, replaces first char with a @
NS002715	Feature	Adding the ability to filter by department on the Configuration --> Users screen
NS002728	Defect	Billing server button not working with IE8
NS002747	Defect	When adding a new User in NMS the "Last Name:" field is pre-populated with the Domain name.
NS002754	Defect	Forward not registered is not going to the appropriate destination
NS002780	Feature	NCS participant table events need to be published on SBUS
NS002844	Feature	need to add creation of "agent_log" to system update
NS002848	Defect	Record calling card calls

NS002856	Defect	Updating term_sub and term_domain incorrectly on Sim Ring

Compatibilities

Modules	Compatible Versions
NMS	1-1208
Responder	1-1208
NCS	1-1208
NMS UI	1-1208
NFR	1-1203
Enotify	1-1206b
NAS	1-1208
LICF	1-1208
NDP	1208.*.*
NupX	1206.*.*
netsapiens-sbus	1208.*.*
netsapiens-services	1208.*.*
netsapiens-tacserver	1.1206.*
netsapiens-agent	1208.*.*

*red means no new version with code

Database Changes

Table	Fields	Descriptions
`DiagDomain`.`status`	`hostname`	Add `hostname` to allow multiple NMS to pool together their status. Also added `hostname` to the Primary Key
`SiPbxDomain`.`status`	`hostname`	Same as above, in case table already re-located to SiPbxDomain
`SiPbxDomain`.`activecalls`	`hostname`	Add `hostname` to allow multiple NMS to pool together their activecalls
`NcsDomain`.`conference_config`	`quorum`	The quorum required to start a conference
`DiagDomain`.`status`	`cnt_ccc`, `cnt_cdc`, `gau_act_ccc` and `fifo_dsli_evt`	LIDF Statistic
`SiPbxDomain`.`status`	`cnt_ccc`, `cnt_cdc`, `gau_act_ccc` and `fifo_dsli_evt`	Same as above, in case table already re-located to SiPbxDomain
`agent_log`		Create table `agent_log` for call center stats

Changes

NCS CPP Code

Issue #	Descriptions
NS002613	(1-1208x1) Expanded ability to response to re-INVITE and UPDATE from Conference to all answered state
	(1-1208x2) Added 200 OK response to INFO and OPTIONS for Answered states
	(1-1208x3) Add Session Key to Participant object to resolve race condition when a newly joint Participant with the same DNIS a just departed Participants get erroneously removed
NS002691	(1-1208x3) Correct turning off MOH upon releasing participant from waiting for Leader
NS002394	(1-1208x3) Hold participant in MOH until conference quorum is reached
	(1-1208x4) Added SBus listener to "Conference Command" to CALL participant

NS002780	(1-1208x18) Publish SBus Conference Event upon Participant Added/Deleted by real time event or when # Active Participant changed
	(1-1208x20) Accept Sbus "Conference Command" to DISC participant, DISC (all participant in) a Conference, CALL (all participant in) a Conference
	(1-1208x21) Added NCS System Parameter <ConfResetMute> (with default to true), to control whether to reset the Conference Mute upon the start of a new conference. The Conference Mute silence all the participants but the Leaders and Speakers can continue to talk.

NMS CPP Code

Issue #	Descriptions
NS002604	(1-1208x1) Lookup ethernet port from application IP to reference MAC address for license control
	(1-1208x2) Correct matching of call leg for INFO, OPTIONS, UPDATE and Response during the Connected states.
	(1-1208x4) Correct Huntgroup update from CPP to leave alone 'last_stat_run' and 'run_stat'
NS002648	(1-1208x5) Fallback to [*] on <OwnCidEmgr> when it returns null
NS002665	(1-1208x6) EMail notification for VMail embed "playback" service side script for the audio and "getimage" service side script for images
NS002690	(1-1208x7) Process Huntgroup Entry option Immediate and WrapUp as identical
	(1-1208x8) Keep Call Dispatching in current state and T/O value upon 183
NS002578	(1-1208x8) Added checking for AccountCallLimit and DomainCallLimit error in RateResponse when requesting new Rate Session
	(1-1208x15) Added DigitHangOver guard against non-2833 interleaved at the end of 2833 end packets to cause digit bouncing
NS002350	(1-1208x15) Handle abort playback from sequence of RFC2833 digit with Non RFC2833 gap packets.
NS002665	(1-1208x15) Added hostname in `activecalls` and `status`
	(1-1208x15) Added option for `status` to be configured by StatusDsn (in stead of DiagDsn)
	(1-1208x17) Added FIFO between SIP Session and LIDF to prevent dead lock
	(1-1208x17) Add LIDF Statistic `cnt_ccc`, `cnt_cdc` and `fifo_dsli_evt`
	(1-1208x18) Correct the use of "map" vs "search" to identify the specific DSLI when adding or deleting LIC
	(1-1208x18) Replace SBus Send by Publish for CDR.
	(1-1208x19) Added statistic for Active CCC <gau_act_ccc>
NS002605	(1-1208x20) Check and apply connection token <NoHold> upon forwarding INVITE while talking
NS002856	(1-1208x21) Explicitly re-Write CDR Term Sub Info upon 200 OK to Simultaneously Rung calls

UI Code

Issue #	Descriptions
	(1-1208x1) Extract MAC from Application Address
	(1-1208x1) Correct Reseller filter for Subscriber's Device or Feature export
NS002615	(1-1208x2) Hide To & From User/Domain info from Reseller/Domain for To/From User outside of Reseller/Domain
NS002638	(1-1208x3) Correct SQL for Subscriber's Conference actions
NS002263	(1-1208x4) Added Abandon call report in call center stats. Available via link on Abandon call number
NS002198	(1-1208x5) Disable Dial Policy and Dial Permission pull down if their UI Page are not allowed for the specific login
	(1-1208x6) "Find" in Word File page searches filename in addition to Responder Match
NS001943 NS002665	(1-1208x6) Play all audio type via the "Playback" service side script to hide file location, as well as to explicitly check authorization
NS002670	(1-1208x7) Comments out Drop Down selection for "Make Call To" in Subscriber's PHP Remote Calling
	(1-1208x8) Added email background, banner and button to selection dropdown in Image Configuration page
	(1-1208x10) Added conference quorum option
NS002707	(1-1208x11) Correct new subscriber login with no "@"
	(1-1208x12) Added <Target Host> to Audit Log

NS001775 NS002728	(1-1208x13) Replace space by underscore in name of PopUpWindow to be compatible with IE8
	(1-1208x14) Added scroll bars to the Playback pop up
	(1-1208x15) Rename `mac` as hostname in `activecalls` and `status`
	(1-1208x15) Added option for `status` to be configured by StatusDsn (in stead of DiagDsn)
NS002679	(1-1208x16) Added UI_SHOW_EVENT_PURGE and default to "no" to configure the showing of the Event's Clear button
	(1-1208x16) Added UI_SHOW_STATISTIC_PURGE and default to "no" to configure the showing of the Statistic's Clear button
NS002715	(1-1206x16) Added Department filter (once Domain is selected) to Admin's Subscriber page
NS002747	(1-1208x16) Correct typo in clearing lastname copy from domain user when adding new user
	(1-1208x17) Add LIDF Statistic `cnt_ccc`, `cnt_cdc` and `fifo_dsli_evt`
	(1-1208x18) Send SBus command to "Conference" channel to CALL Conference Participant
	(1-1208x18) Added Export/Import to Conference's Properties
	(1-1208x19) Added statistic for Active CCC
NS002848	(1-1208x22) Call History scan for all available Recording for up to EVENT_MAX_TERM_CALLID when displaying in batch mode
	Added System Update To 1-1xxx • Add `hostname` to `DiagDomain`.`status` • Add `hostname` to `SiPbxDomain`.`status` • Add `hostname` to PRIMARY KEY for table `DiagDomain`.`status` • Add `hostname` to PRIMARY KEY for table `SiPbxDomain`.`status` • Add `quorum` to `NcsDomain`.`conference_config` • Add `cnt_ccc`, `cnt_cdc`, `gau_act_ccc` and `fifo_dsli_evt` to `DiagDomain`.`status` • Add `cnt_ccc`, `cnt_cdc`, `gau_act_ccc` and `fifo_dsli_evt` to `SiPbxDomain`.`status` • Create table `agent_log`

Responder

Issue #	Descriptions
NS002754	(1-1208x1) Correct setting of new Logical User in "Residential VMail"
NS002521	(1-1208x2) Added "To Connection - Check PIN" application

Audio Files

No changes

Upgrade Procedures

- System > Backup and Restore > Code Upload
  - Upload from: **nms-1-12xx-f12_64.tar.gz**
  - Click "Upload Code"
- System > Backup and Restore > Code Upload
  - Upload from: **Nms_UI_1-12xx.tar.gz**
  - Click "Upload UI"
- System > Backup and Restore > Code Upload
  - Upload from: **ncs-1-12xx-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-1-12xx-f12_64**
    - UI Filename: **Nms_UI_1-12xx**

- Click "Apply"

- System > Backup and Restore > Archive Upload
  - Upload from: **Responder_1-12xx.nca**
  - Click "Upload"
- System > Backup and Restore > Configuration Restore
  - Restore from: **Responder_1-12xx**
  - Click "Restore"

Add the following section to /usr/local/NetSapiens/bin/nms.ini

```
//The Status DB Connection
StatusDSN          SiPbxDomain
StatusUID          dbSiPbx
StatusPWD          sipbx
StatusHost         localhost
StatusDatabase     SiPbxDomain
```

Add the following section to /usr/local/NetSapiens/html/db.cfg

```
// Statistics
$mysqlStatusDBCfg["host"] = "localhost";
$mysqlStatusDBCfg["user"] = "dbSiPbx";
$mysqlStatusDBCfg["password"] = "sipbx";
$mysqlStatusDBCfg["database"] = "SiPbxDomain";
$mysqlStatusDBCfg["persistentConnection"] = false;
```

- Refresh browser to make system updates available in UI
- System > System Update > To 1-1208
  - If there is no confirmation message, repeat this step.
  - Note: All intervening DB updates must also be applied (e.g., To 1-1199 ... To 1-1208).
  - Note: DB error messages can safely be ignored.
  - Note: Requires tac login.
  - **Important: Apply at both sides of an HA pair.**

Comment out the following lines in /etc/my.cnf (on both side of an HA Pair) if they exist

```
#replicate-ignore-table=SiPbxDomain.activecalls
#replicate-ignore-table=SiPbxDomain.status
```

Restart mysql (on both side of an HA pair

```
service mysqld restart
```

Execute the following SQL from a mysql console:

```
CREATE TABLE `SiPbxDomain`.`status` LIKE `DiagDomain`.`status`;
INSERT INTO `SiPbxDomain`.`status` SELECT * FROM `DiagDomain`.`status`;
```

- Restart NMS and NCS to activate the new version