

NMS Release 1-1212

Release Date

TBD

Highlight

- Geo Redundancy and bug fixes.

Features

Publicly Available

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Currently in Beta Testing (will be added to future release once they are publicly available)

- Geo redundancy of class 4 and 5 features.
- Time frame support (new TOD technique)

Resolved Issues

Issue #	Issue Type	Descriptions
NS003734	Feature	BLF - Early State
NS003767	Defect	BLF 1-1211 Broken after upgrade
NS003794	Defect	Reseller Level sees MOH for domains not owned by it.
NS003828	Defect	Unable to login to mailbox if limit reached
NS003830	Defect	Trouble with remote phones
NS003871	Defect	Domain filter in device export doesn't work

Database Changes

Table	Fields	Descriptions
`SiPbxDomain`.`feature_config`	`time_frame`	To group feature by Time Frame

Changes

NCS CPP Code

Issue #	Descriptions

NMS CPP Code

Issue #	Descriptions
	(1-1212x1) Added option to Publish Registrar Event to SBus
	(1-1212x1) Added <ToUserUser>, <ToUserHost>, <FromUserUser> and <FromUserHost> Dial Translation tokens
	(1-1212x1) Added handling of INVITE to device Registering at Remote Registrar
NS003767	(1-1212x2) Correct Event Type for Dialog Notification
NS003734	(1-1212x2) Added "early" status to Dialog Notification
NS003830	(1-1212x3) Corrected the use of device's registered Contact in INVITE's Request URI
	(1-1212x3) Added option to Publish Subscriber Session Event to SBus
	(1-1212x4) Used Leg Tag instead of Call ID to discriminate Call Leg when receiving Request during the Talking State
	(1-1212x4) Applied SIP Session ID instead of OrigCallID vs TermCallID when managing Subscriber's Session.
	(1-1212x5) Added system wise Time Range Entries and subscriber's Time Frame Selections
	(1-1212x6) Accept change in Registrar by SBus "Registrar Events" only when Registration at current Registrar already expired
	(1-1212x6) Added option to Publish System Status via SBus
	(1-1212x7) Added handling for Registrar Entry with "RTrimReMatch" rule to Right Trim and Re-Match
	(1-1212x7) Renamed `time_frame_selections`.`order` as `time_frame_selections`.`selection_order` and `time_range_entries`.`order` as `time_range_entries`.`entry_order`
	(1-1212x8) Added option to publish File Journal Event Over SBus
	(1-1212x8) Added System Parameter <Fwd100WhenInviting> (with default to "no") to control whether to forward 5xx while Inviting or sending 503 instead
	(1-1212x9) Harmonised naming of "hostname", "mac_address" and "app_address" between "file_journal_events" and "system_status" sbus events
	(1-1212x9) Support REGISTER with "expires" in Contact Header
	(1-1212x9) Correct Expires in 200 OK to re-REGISTER after Un-Register
	(1-1212x10) Add SBus receiver for "system_events"
	(1-1212x10) Flush Subscriber Session from remote peer that has expired "system_events"
	(1-1212x10) Expire all registration from remote peer that has expired "system_events"
NS003961	(1-1212x10) Apply <Send503ToAll> to REGISTER
NS003962	(1-1212x10) Log CDR upon <Send503ToAll> and <Send302ToAll>
NS003964	(1-1212x10) Added Translation Token processing to <Send302Contact>
NS003958	(1-1212x10) Force "sip:" when constructing URI for sending INVITE to Connection
NS003963	(1-1212x10) Send 200 OK instead of 423 to Un-Subscribe of MWI with Expire=0
	(1-1212x11) Re-structured the Domain's Session Counting Logic to rely on the Subscriber Session object which are propagate by SBus Event and discriminate participants in the same session
	(1-1212x12) Correct handling of duplicated INVITE (with Authentication) at the UAC and not re-submit

	to Session Layer
	(1-1212x13) Removed checking for Self Loop for answered call
	(1-1212x14) Corrected double tapping of ConnectSubscriber and ConnectDevice
	(1-1212x15) Added the <> for the To-URI when sending to a device

UI Code

Issue #	Descriptions
	(1-1212x1) Added Dept Filter to Call Queue and Hunt Group
	(1-1212x2) Cache Territory, Domain, Dept, User and Device filter for the UI Session
	(1-1212x2) Added option to send Configuration Event directly to SBus for Territory, Domain, User, Device, Connection, Dial Plan and Dial Permission
NS003794	(1-1212x3) Correct typo when initializing filter in MOH page for Reseller login
NS003871	(1-1212x4) Correct Domain Filter when Exporting from Device, and Call Queue pages
	(1-1212x4) Moved Export Buttons from Table Top to Table Bottom.
NS003870	(1-1212x5) Tag a call ending in a vmail greeting post huntgroup as abandoned rather than nothing.
	(1-1212x5) Added rough version of UI for system wise Time Range Entries and subscriber's Time Frame Selections (with direct SBus Event to NMS Cpp via SBus Proxy)
	(1-1212x6) Added SBus Receiver for System Status
	(1-1212x7) Renamed `time_frame_selections`.`order` as `time_frame_selections`.`selection_order` and `time_range_entries`.`order` as `time_range_entries`.`entry_order`
	(1-1212x8) Added option to publish File Journal Event Over SBus
	(1-1212x9) Harmonised naming of "hostname", "mac_address" and "app_address" between "file_journal_events" and "system_status" sbus events
	(1-1212x10) Correct Admin Account replication across SBUS
	(1-1212x11) Option to publish Call Queue and Hunt Group configuration over SBUS
	(1-1212x12) Option to publish Route configuration over SBUS
	(1-1212x13) Replicate Audit Log
	Added System Update To 1-1212 <ul style="list-style-type: none"> Added `time_frame` to `SiPbxDomain`.`feature_config`

Responder

Issue #	Descriptions
NS003828	(1-1212x1) "AA Vmail" prompt for option before checking Data Limit to allow the option to log into account even if Data Limit is exceeded.

Audio Files

Audio Files	Descriptions

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"
- Untar **Audio_1-12xx.tar.gz** to /usr/local/NetSapiens/default/audio
- Refresh browser to make system updates available in UI
- System > System Update > To 1-12xx
 - If there is no confirmation message, repeat this step.
 - Note: All intervening DB updates must also be applied (e.g., To 1-1199 ... To 1-12xx).
 - 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