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NMS Release 1-1201

Release Date

2010-07-26

Highlight

- Added PAC to Active Call Record
- Added Session Timer to NCS
- Add support for BLF with Dialog Event
- Apply Owner's CID to LERG Class lookup when originating from a Registered Device
- Add processing of P-Charge-Info SIP Header
- Add option to Blind Xfer itself
- Backup db and data files per Domain

Resolved Issues

Issue #	Issue Type	Descriptions
NS001579	Feature	NCS session timeout
NS001585	Deflect/Feature	mid call orig/term route issue
NS001589	Deflect	Bad Spawn Calls
NS001591	Deflect	escaping special characters in dial plan description.
NS001608	Feature	CDR search by PAC code
NS001610	Deflect	UAC not retry sending NOTIFY upon T/O
NS001611	Deflect	fix lost ability to mute from admin conference page
NS001612	Deflect	unable to select only 'least cost' from route page
NS001613	Deflect	BYE after 183 is ignored when Prepaid is Connecting Forward Leg
NS001616	Feature	For Orig from Registered Device apply Owner's CID as LERG Orig
NS001622	Deflect	Non CID Prepaid Call got no Rate
NS001623	Deflect	Usage Report "1 Day" window was off
NS001624	Deflect	Phantom conference bridge voices
NS001630	Deflect/Feature	Origination Match for "CID" device is too loose

Database Changes

Table	Fields	Descriptions
'activecalls'	'pac'	To correlate to PAC in CallRequest and CDR

`audit_log`	`by_ip`	To track the IP address of the action into Audit Log
`activecalls`	`orig_id`, `term_id`, `by_id`, `route_to` and `route_class`	To provide data for Orig and Term info
`subscriber_config`	`portal_status`	For use by User Portal
`dial_policy_config`	`domain`	To be filtered by UI

Changes

NCS CPP Code

Issue #	Descriptions
NS001579 NS001624	(1-1201x1) Added Session Timer <SessionTimer> to send Re-INVITE as heartbeat and auto disconnect upon Response T/O
	(1-1201x2) Derive EmailSender as "ncs@<linux hostname>"

NMS CPP Code

Issue #	Descriptions
NS001585	(1-1201x1) Added PAC to Active Call Record
NS001585	(1-1201x1) Correct propagation of By info and PAC upon Alternate Route in Olnviting
NS001591	(1-1201x2) Protect SQL from special character with in Dial Plan's Description
NS001589	(1-1201x2) Re-align Original and Forward Legs against Orig and Term Call-ID upon Call Spawn, Xfer and Terminate during Talking
	(1-1201x3) Added Dialog Event, i.e. RFC 4235, to provide BLF
NS001610	(1-1201x4) Correct UAC logic to retransmit NOTIFY upon T/O
NS001613	(1-1201x5) Mark 1xxReceived upon transition to ConnectingRelnv and ConnectingReturn states
	(1-1201x6) Added "orig_id", "term_id", "by_id", "route_to" and "route_class" to ACR
	(1-1201x7) Derive EmailSender as "nms@<linux hostname>"
NS001623	(1-1201x8) Replaced the mysql NOW() by the UTC_TIMESTAMP() function to correct boundary of the "1 Day" window
	(1-1201x8) Added Average Answered Second to the Usage Report
NS001622	(1-1201x9) Update MSGINFO_DIAL_PLAN & MSGINFO_TIME_ZONE upon successful CheckAccount or GetAccount
NS001616	(1-1201x10) Apply Subscriber's ANI s Source Number in Route Class lookup
	(1-1201x10) Added extraction of P-Charge-Info header's parameter into CDR and Dial Translation
	(1-1201x13) Added <XferSelf> Dial Translation token to caused the Xfer requestor to be transferred

UI Code

Issue #	Descriptions
	(1-1201x1) Added "ALTER TABLE event engine=innodb" to Event's "Clear Table"
	(1-1201x1) Added "Clean File Permission" page
	(1-1201x2) Added `by_ip` to Audit Log
NS001608	(1-1201x4) Added filter for PAC to CDR page
NS001611	(1-1201x5) Correct showing of Mute Button when <CONFERENCE_SHOW_RCV_ONLY> was enabled Status changed to testing
NS001612	(1-1201x5) Correct state of bShowFixed, bShowPer and bShowCost upon refresh of the "Call Routing" page
	(1-1201x6) Added Orig and Term Info pop-up to Active Call table
	(1-1201x8) Replaced EmailSender by Hostname in System-Settings-SystemID
	(1-1201x9) Added "Domain Backup"
NS001630	(1-1201x10) Added DEVICE_CID_ORIG_MATCH and DEFAULT_DEVICE_CID_TERM_MATCH to configure the format for CID Device's Origination and Termination Matchrule.
	Added System Update To 1-1201 <ul style="list-style-type: none"> • Added `by_ip` to Audit Log • Added `portal_status` to `subscriber_config` • Added and initialize `domain` in `dial_policy_config`

Responder

No change.

Upgrade Procedures

- "Upload UI" Nms_UI_1-1201.tar.gz
- "Code Select" UI "Nms_UI_1-1201"
- From tac login apply "System Update"->"To 1-1201" **(at both sides of a HA pair)**

- If FC5 upload ChangeHostname_1-1201_FC5
- if F10 upload ChangeHostname_1-1201_F10
- F12 already have the correct version of changehostname

- "Upload Code" ncs-1-1201-f12_64.tar.gz
- "Upload Code" nms-1-1201-f12_64.tar.gz
- "Code Select" "ncs-1-1201-f12_64"
- "Code Select" "nms-1-1201-f12_64"