VoipNow 3.0.5

This document contains all changes performed in VoipNow 3.0.5.

Before Upgrading

⚠️ Due to significant changes performed in the repository structure, please note that upgrade **can only be performed by following the Command Line Installer upgrade instructions.**

Attempting to upgrade the system using the web management interface will fail.

Please note that you cannot upgrade to VoipNow 3.0.5 M4 if you are using CentOS 5.x. You must upgrade to the latest CentOS 6.x version.

Legend
Features Enhancement Resolved

VoipNow 3.0.5 M4 Release 140912

VoipNow Component

Type	Details	Support Zone Ticket ID	JIRA Ticket ID
[-]	Fixed regression that messed up the Contact header in SIP OK message.		VNP-52500

Automation Component

No changes were made.

VoipNow 3.0.5 M3 Release 140908

VoipNow Component

Type	Details	Support Zone Ticket ID	JIRA Ticket ID
[+]	Provisioning facilities for proprietary clients.		VNP-51944
[=]	Replaced MySQL with MariaDB version 10.0.13.	-	VNP-52269
[=]	Added Asterisk application Playtones.	NGY-224236	VNP-50978
[=]	Upgraded jQuery to version 1.6.3.	-	VNP-50467
[=]	Upgraded PHP to version 5.3.29.	-	VNP-52350
[=]	Added provisioning template for Linksys SPA122.	-	VNP-51190
[=]	Added provisioning template for Spectralink 8440.	-	VNP-50437
[=]	Improved autoreport script.	-	VNP-52386 VNP-52408 VNP-51740

[=]	Added option to set the port when creating a channel from SystemAPI.	-	VNP-50720
[-]	Fixed incorrect charging for concurrent calls to the same Free Minutes Pack.	IKW-562011	VNP-51997 VNP-48677 VNP-52391
[-]	Fixed set option 'disposition' for SystemAPI CallReport request.	-	VNP-49172
[-]	Added better log messages in Kamailio for usrloc and presence.	-	VNP-49514
[-]	Fixed broken contact header sent by Kamailio toward caller in Public/Private setup.	BNH-608233	VNP-49794
[-]	Fixed incorrect Privacy Header.	CIW-660512	VNP-49814
[-]	Fixed some Kamailio leaks and add tracking for memory usage for individual transactions.	-	VNP-49921 VNP-50290
[-]	Set the default value for T38MaxBitRate in calls.	IDG-871218 ABI-837471	VNP-50402
[-]	Fixed sending credit warning emails to all Users.	VUO-579810	VNP-50416
[-]	Fixed adding local agents to a queue for organization with a large number of extensions.	BYT-521621	VNP-50462
[-]	Fixed IVR incorrect treatment of empty variable.	OXX-344021	VNP-50471
[-]	Fixed incorrect display of Cyrillic characters when adding user groups.	WYH-412327	VNP-50485
[-]	Improve performance when a large number of Destination Exceptions are used.	-	VNP-50486
[-]	Fixed creating full backup on CentOS6.	EID-180006 XMQ-130106 YOA-225768	VNP-50539
[-]	Fixed timezone display in Time Intervals.	NEB-577735	VNP-50589
[-]	Fixed fax autoanswer after 0 seconds.	-	VNP-50617
[-]	Set the callerId from the UAPI request if the extension has no callerId assigned.	-	VNP-50697
[-]	Fixed Intercom calls for users with multiple extensions.	WRZ-774195 ROO-479462	VNP-50707
[-]	Provisioning files with .html can now be downloaded.	ZZH-471769	VNP-50823
[-]	Correctly handle login/logoff for queue agents from web interface when using master-slave SQL setup.	EXI-219097	VNP-50897
[-]	Fixed hover over user name in Users page.		VNP-51109
[-]	Fixed App Directory for clients and extensions with different lengths.	LRW-935858 EQZ-404341	VNP-51359
[-]	Correctly set the CallerID Name and Remote-Party-id that contain special characters for public calls.	VKR-322683	VNP-51545
[-]	Fixed possible PBX crash during remote calls.	RZU-564253	VNP-51734
[-]	Fixed possible PBX crash for attended refer transfers.	Autoreport	VNP-51757
[-]	Calls for users whose organization is disabled are now blocked.	UGK-102183	VNP-51789
[-]	Fixed date and recipient list for email to fax.	MTB-994725	VNP-51816
[-]	Fixed variable check for IVR option 'Jump to context'.	YYL-105586	VNP-51837
[-]	Correctly added extension on distributed setup.	DTG-397947	VNP-51893 VNP-52357
[-]	Fixed display of call duration for Unanswered Calls in Queue Reports.	GetSatisfaction	VNP-51916
[-]	Set Conference Center language according to Phone Language.	-	VNP-50903
[-]	Fixed check of Phone Terminal number when adding User Templates.	LMH-971515	VNP-52080

Type	Details	Support Zone Ticket ID	JIRA Ticket ID
[-]	Set charset to UTF-8 in selected areas of web interface.	MSU-307368	VNP-52193
[-]	Fixed possible PBX crash for invalid blind transfer.	Autoreport	VNP-52216
[-]	Fixed login with OpenID.	-	VNP-52239
[-]	Calls made on disabled Calling Cards are now blocked.	XJC-200323	VNP-52294
[-]	Allowed hyphens in Call Events URL.	TIZ-167737	VNP-52308
[-]	Upgraded http supported content to IE 9.	-	VNP-52396
[-]	Fixed Queue Reports for 'Calls transferred with key'.	-	VNP-52410
[-]	Fixed error when adding the same extension on 2 devices.	-	VNP-52420
[-]	Fixed SIP trunking usage report.	LIU-800466	VNP-49508 VNP-51583
[-]	Fixed typo in voicemail settings.	-	VNP-52441
[-]	Fixed voicemail greeting message for calls from the Company Directory.	-	VNP-52442
[-]	Fixed caller name and number in fax receive notification email.	UZG-129963	VNP-50501

Automation Component

Type	Details	Support Zone Ticket ID	JIRA Ticket ID
[-]	Credit values are now shown in store.	-	VNA-15142
[-]	Fix currency approximation in invoice.	KHO-524228	VNA-15144

VoipNow 3.0.5 M2 Release 140526

VoipNow Component

Type	Details	Support Zone Ticket ID	JIRA Ticket ID
[=]	Several improvements to crash autoreport script.	-	VNP-50648 VNP-50693
[=]	Added res_curl module to Asterisk.	GOU-164217	VNP-50928
[=]	Updated logo to be in line with the 4PSA branding.	-	VNP-51563
[-]	Fixed "From" field for call recordings when dealing with Unified API calls.	KDM-333200	VNP-49855
[-]	Maximum call charge is no longer considered 0 when channel costs are improperly imported.	DEX-184351	VNP-50039
[-]	Doubled net_read_timeout and net_write_timeout for MySQL connections.	-	VNP-50198
[-]	Properly validates "Exit to operator on key press" to an extension.	-	VNP-50438
[-]	Removed ao2 logging that caused high loads on Queue> Agent call flows.	LLD-288365, ZOK-140808 EZL-567127, VNP-50440	VNP-50440 VNP-50592 VNP-51107
[-]	Fixed language load in CallNow pages.	XSV-342677	VNP-50456
[-]	Fixed report issue that mixed up answered and initiated dates.	KHS-309146	VNP-50490
[-]	Changed admin server logging level to skip TLS negotiation messages.	-	VNP-50542

	Fixed RemotePBX sending empty CallAPIID parameters.	BLD-423583, HAG-721550	VNP-50553
[-]	Fixed double free leading to PBX crash.	Autoreport	VNP-50565 VNP-50604 VNP-50625 VNP-50626 VNP-50631 VNP-50642 VNP-50646 VNP-50655 VNP-50663 VNP-50680
[-]	Properly displays the server time zone when no time zone is set for a time interval.	NEB-577735	VNP-50589
[-]	Fixed "forgot password" not working when software license is expired.	TLI-46419	VNP-50600
[-]	Voicemail no longer answers if the extension is an ICR transfer target.	CZB-305142 RHS-594670 KNF-550395	VNP-50616
[-]	Fixed race condition in PBX engine.	Autoreport, VTK-443117	VNP-50621
[-]	Lowered SIP server default debug level to -1 to avoid unnecessary logs.	-	VNP-50629
[-]	Set dial timeout to VN_TIMEOUT for IVR transfers to local extensions.	UHS-512794	VNP-50637
[-]	Validated the number inputs to contain only ASCII characters.	YWV-498040, JDE-598920	VNP-50647
[-]	Fixed possible division by zero that could cause conference fail.	Autoreport	VNP-50664
[-]	Fixed memory leaks in conference.	-	VNP-50791
[-]	Changed active lines to 1 on Snom default provisioning templates.	PGP-351097	VNP-50982
[-]	Fixed DID not being saved to CDR for calls transferred from IVR.	HNA-931455	VNP-51133
[-]	Fixed web management interface bug in calendar on Google Chrome browser. Now properly displays current year.	FDC-662518, VXB-961749	VNP-51256
[-]	Changed SIP server timer_debug log level to debug to avoid unnecessary logs.	UJL-418653	VNP-51516
[-]	Upstream AST-2014-002 security fix in PBX server.	-	VNP-51451

Automation Component

Type	Details	Support Zone Ticket ID	JIRA Ticket ID
[-]	Fixed path to deployment plugins.	-	VNA-15123
[-]	Fixed Authorize.net plugin.	TJJ-982678	VNA-15128
[-]	Fixed generate_invoices high CPU usage.	AOT-313984	VNA-15130
[-]	Fixed PSIGate plugin not sending ZIP code and CVV2 for card payments.	LCK-840622	VNA-15131
[-]	Fixed deployment of destination exceptions with multiple rules using the same free minutes package instance.	CUQ-560886, MUI-784402	VNA-15136
[-]	Fixed file upload bug caused by cross domain confusion on Google Chrome.	-	VNA-15137

VoipNow 3.0.5 M1 Release 140131

VoipNow Component

Type	Details	Support Zone Ticket ID	JIRA Ticket ID
[=]	Upgraded PHP backend to version 5.3.28.	-	VNP-50493
[=]	Updated voipnow3installer.sh to support the "mysql" argument. When executed such as `voipnow3installer.sh mysql` only MySQL will be installed.	-	VNP-50510

[-]	Installation on latest versions of Red Hat Enterprise Linux 6 uses packages from native repositories.	-	VNP-50537
[-]	Added configuration variable for maximum ringing time for calls to public telephony network. Default is 120 seconds.	-	VNP-50535
[-]	Web management interface locale is no longer encrypted.	GetSatisfaction	VNP-50533
[-]	Fixed upgrade issue on VoipNow Cloud OnDemand.	CUT-641792	VNP-50536
[-]	Upgrade is fully completed on unattended mode.	-	VNP-50541
[-]	Fixed issues with creating new accounts after adding OpenID.	HDS-588545, XFF-141739	VNP-50530

Automation Component

No changes were made.

VoipNow 3.0.5 Release 140121

VoipNow Component

Type	Details	Support Zone Ticket ID	JIRA Ticket ID
[+]	CalledDID is now returned by ListPhoneCalls and ListCDR UnifiedAPI methods.	UOQ-722400	VNP-49831
[+]	Automatically gather debug reports and send them to the vendor.	-	VNP-50237 VNP-50238 VNP-50297 VNP-50122
[=]	Improved UnifiedAPI performance when dealing with the AMQP-based intercommunication layer.	-	VNP-47467 VNP-50002 VNP-50005
[=]	Reports in the web management interface have been updated to display more information.	-	VNP-49884
[=]	SIP servers strictly expire the extensions registered to them.	-	VNP-49963 VNP-50442
[=]	Added extra logging for PBX intercommunication layer.	-	VNP-50001
[=]	Changed the format of the YUM repository and improved system installer.	-	VNP-50202
[=]	PBX coredumps are now produced in `/var/lib/voipnow/core`	-	VNP-50242
[=]	Updated web stack components.	-	VNP-50315
[=]	Provisioning templates list can now be sorted by category.	Get Satisfaction	VNP-49882
[=]	Increased width of queue report graphs; labels are now entirely displayed.		VNP-49829
[-]	Avoided excessive logging in PBX conferences upon writing to alert pipe error.	-	VNP-49231
[-]	Requests are redistributed on infrastructures with a single PBX.	-	VNP-49341
[-]	Fixed SystemAPI SetProvision method that allowed two extensions on the same IP.	QPR-358655	VNP-49584
[-]	Relevant error message is displayed when user attempts to call the SystemAPI GetAvailableCallerID method and "Extension features management" is not enabled.	QCQ-769032	VNP-49624
[-]	Re-factored the parsing of the `directroute` field as a JSON object.	GEW-915566, FUA-311484, HBW-759606, NIV-845401, XEE-813163, VON-331799,SKP-329528	VNP-49635 VNP-50222
[-]	Fixed CDR service to display all legs of calls, ICR and transferred calls included.	Get Satisfaction	VNP-49643 VNP-49888
[-]	Fixed possible PBX crash when transfer rules for unanswered calls apply.	WMY-652715 VED-587920	VNP-49645
[-]	Fixed possible incorrect naming in voicemail greetings.	NZP-537062	VNP-49685
[-]	Call Events can now be added when URI contains a / trailing.	-	VNP-49687

[-]	UnifiedAPI allows URIs containing *	-	VNP-49689
[-]	Fixed inconsistencies in public phone number assignation.	-	VNP-49692
[-]	Call screening databases allow importing numbers from file, even for entries with the wrong file format. Invalid entries are ignored; valid entries are successfully imported.	QKK-956682	VNP-49714
[-]	Fixed possible crash when dealing with an invalid Hubring res:inf:mng structure.	HHF-773024	VNP-49717
[-]	The number of the IVR option is now properly displayed in the main heading of the "Edit Actions for Option X" menu.	PJH-704684	VNP-49728
[-]	Already listened voicemail messages are now displayed.	BMI-716215,UAE-352376	VNP-49800 VNP-50259
[-]	Call Flows page is no longer on loop when calls become inconsistent.	CAA-996012 DFD-606706 IGI-334833 AFG-726783 AEN-714237 JIT-157354	VNP-49818
[-]	Fixed several PBX memory leaks on outbound dial.	-	VNP-49886
[-]	Fixed SQL error in Call Reports page triggered by inconsistent state in Hubring.	NLH-995588 UGN-652806	VNP-49892
[-]	Fixed PBX memory leaks on conference.	-	VNP-49907 VNP-49931 VNP-49913
[-]	Fixed PBX memory leak on Intercom.	-	VNP-49911
[-]	Fixed PBX memory leaks on dialing Voicemail.	-	VNP-49915
[-]	Fixed potential issue in internal SQL pool implementation.	-	VNP-49923
[-]	Fixed PBX memory leaks on VMYSQL.	-	VNP-49931 VNP-49971
[-]	Fixed file descriptor leak upon loading the SQL configuration.	-	VNP-49946
[-]	Fixed several unsafe usages of strcpy.	-	VNP-49948
[-]	Addressed use case in PBX when file to be played was missing.	-	VNP-49950
[-]	Addressed several minor issues in PBX resulted from static analysis.	-	VNP-49942
[-]	Fixed PBX memory leak upon unparking a call.	-	VNP-49967
[-]	Fixed PBX memory leak in CallRecord App replicating in some cases, such as cascade transfer.	-	VNP-49969
[-]	Corrected `phonecallViewId` on UnifiedAPI update of calls (hangup, stop rec, start recording).	-	VNP-49975
[-]	Voicemail mailbox announcement is now fully played.	Get Satisfaction	VNP-49981
[-]	Fixed potential orphan channels issue in PBX due to whisper.	-	VNP-49993
[-]	VoipNow and CallNow can now be used simultaneously and in the same browser.	-	VNP-49996
[-]	Backported PBX security and critical fixes.	-	VNP-50010 VNP-50020
[-]	Fixed mutex issue on internal UnifiedAPI engine.	-	VNP-50013

[-]	Added garbage collector in PBX to minimize the problem of reading and setting channel variables without locks.	-	VNP-50018
[-]	Fixed several PBX issues in Park.	-	VNP-50027
[-]	Fixed remote agents login via UnifiedAPI.	KIA-608312	VNP-50035
[-]	Fixed the tool-tip message for the "Extension" table header displayed in the Public Phone Numbers menu.	-	VNP-50054
[-]	Fixed client status set by the synchubring tool.	INC-192980	VNP-50060
[-]	If UnifiedAPI MakeCall specifies a duplicate CallId, the call is not made and a failure response is returned.	-	VNP-50069
[-]	SystemAPI Ping method now returns the number of organizations, users and extensions under a Service Provider, when authenticated as a service provider.	-	VNP-50079
[-]	Fixed multiple issues in Amazon S3 support.	-	VNP-50089 VNP-50090 VNP-50091 VNP-50118
[-]	Fixed PBX memory leak in NEWRAND dialplan function.	-	VNP-50107
[-]	Fixed PBX memory leak in UnifiedAPI engine.	-	VNP-50108
[-]	Fixed possible SIP Server crash triggered by Option sent to an expired extension.	-	VNP-50131
[-]	Fixed PBX race condition in UnifiedAPI engine that led to memory corruption.	-	VNP-50132
[-]	Fixed distribution issue involving faxes. A single PBX is selected, based on callee and PBX load.	SHN-989719	VNP-50133 VNP-50205 VNP-50220
[-]	Fixed the "Ring members in the adding order" call distribution algorithm.	YGX-599389	VNP-50134
[-]	Fixed PBX refcount problem in UnifiedAPI engine.	-	VNP-50142 VNP-50143
[-]	Default UDP port for PBX roles is now set to 5050 in the interface.	-	VNP-50147
[-]	Fixed PBX possible dead-lock during load testing.	-	VNP-50150
[-]	The Queue Report now displays correctly the number of '*Calls ended while customer was in queue and all agents logged out*' both in the Overview and the Unanswered Calls sections.	-	VNP-50153
[-]	Properly handled exception in SIP Server ping_finished, if no extension found.	-	VNP-50154
[-]	Fixed bug in SystemAPI DelChannel operation.	VLZ-778339	VNP-50157
[-]	Extensions created based on a template can now have their CallerID numbers changed.	LTT-309677	VNP-50159
[-]	Corrected the location in database where exit_to_extension is fetched from.	KFV-952092	VNP-50160
[-]	Phone calls are correctly represented in UnifiedAPI for PBX callback.	-	VNP-50163
[-]	Fixed possible PBX crash during remote calls.	-	VNP-50164
[-]	Extensions with invalid number length can no longer be added from the Add User menu.	SQR-673880	VNP-50169
[-]	Fixed a license renewal issue.	NLE-608988, AGL-290812	VNP-50162

[-]	Fixed possible PBX issue when parked calls might be lost.	-	VNP-50171
[-]	Fixed validation logic for direct routing networks	-	VNP-50177
[-]	All tags are now replaced in both the subject and the body of the notification email for fax.	CMY-276786	VNP-50181 VNP-50230
[-]	Fixed security issue with CallReport SystemAPI method.	TUA-780044	VNP-50185
[-]	Fixed calls being rejected with "*Not enough credit*" message even though the phone had sufficient credit.	PRS-563478, OCQ-182264, SMX-109925, TXG-648829, USY-525253, JHG-165820, MYX-939906, AGK-273964, YUD-702051, WVR-343407, CIX-365557, RNP-771643,CRS-350332	VNP-50191 VNP-50347 VNP-49003
[-]	Fixed race condition in parking that could cause PBX to crash when unparking by position, while the parked channel was closed due to RTP timeout.	-	VNP-50206
[-]	Fixed PBX issue with UnifiedAPI engine that could have caused memory leaks in Fax calls and UnifiedAPI MakeCall requests.	-	VNP-50203
[-]	Removed all Perl dependencies, diagnostic extension rewritten in Lua.	-	VNP-50215
[-]	Fixed memory leak in sqlpool when a connection could not have been established.	-	VNP-50235
[-]	Fixed configuration of distributed database when a SIP node was added.	-	VNP-50250
[-]	Fixed peers field not being computed in PBX UnifiedAPI engine for Parking and Incoming call rules.	-	VNP-50251
[-]	Guard some ser_locatiton fail logs for null values in SIP Server.	-	VNP-50255
[-]	The phone number where the fax was sent is shown in the fax approval page after the fax was scheduled for sending.	HZH-699459	VNP-50256
[-]	Fixed timer issue in SIP Server.	-	VNP-50241
[-]	Fixed PBX UnifiedAPI engine issue with remote pickup.	-	VNP-50282
[-]	Fixed shared memory leak that could make SIP Server crash.	IKM-841982	VNP-50227
[-]	Added label for call flows when the call is made using Incoming Call Rules.	-	VNP-50298
[-]	Fixed internal issue in call charging when unparking a call previously transferred.	-	VNP-50300
[-]	UnifiedAPI now shows "On hold" status for both holder and party put on hold.	-	VNP-50322
[-]	Remote queue agents with the same ID can now be created on different organizations. On delete the correct agent is removed.	WLP-990818	VNP-50328
[-]	"Account expire" is required when creating an account from Command Line utils.	-	VNP-50334
[-]	Fixed active monitoring SIP script.	-	VNP-50335 VNP-50338
[-]	EditCallRulesIn SystemAPI method now properly updates an incoming call rule even if the status parameter is not provided.	XAV-185700	VNP-50364
[-]	Fixed transfer of calls when the UnifiedAPI call is performed from a user account.	ESC-979505	VNP-49681
[-]	The Voicemail Caller ID is now being played.	-	VNP-49973
[-]	Fixed inconsistencies with charging credits and the amount available at the beginning of a new month.	VUD-299383 XRN-267182	VNP-50025 VNP-50388

[-]	Set 14400 as the T38MaxBitRate if the peer does not specify it.	IDG-871218	VNP-50402
[-]	Fixed potential issue with callback extensions being able to place calls without credit.	-	VNP-49890

Automation Component

No changes were made.