

VoipNow 3.0.5

This document contains all changes performed in VoipNow 3.0.5.

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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












	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 <code>/var/lib/voipnow/core</code>	-	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 <code>directroute</code> 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 <i>'Calls ended while customer was in queue and all agents logged out'</i> 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 <code>exit_to_extension</code> 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 " <i>Not enough credit</i> " 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.