VoipNow 3.5.0

This document contains all changes performed in VoipNow 3.5.0 version.

Important Notes

Deprecating Notice

Please read VoipNow Deprecating Notice before going further.

Limited Release Notes

Because VoipNow 3.5.0 version is a major release, this document contains only the changes that in our opinion might affect existing VoipNow customers.

Legend
Features Enhancement Resolved

VoipNow 3.5.0 GA Release 150418

VoipNow Component

Type	Details	Support Zone Ticket ID	JIRA Ticket ID
[+]	Added Celery worker reload configuration support.	-	VNP-53660 VNP-53924 VNP-53925
[+]	Implemented standard socket.io support in SIP Server.	-	VNP-53842
[+]	Implemented the Elasticsearch cluster module for NodeJS.	-	VNP-53882 VNP-54388
[+]	Implemented the Hubring cluster module for NodeJS.	-	VNP-53883
[+]	Added media encryption setup support to Web Interface.	-	VNP-54023 VNP-54162 VNP-54430
[+]	Added caller IP information in Call Reports. This field can be exported to Excel/CSV from admin account only.	-	VNP-54033
[+]	Added healthcheck information script in distribution.	-	VNP-54140
[+]	Added device orientation support for video rotation and scaling.	-	VNP-54336 VNP-54338
[+]	Added support for 302 transfer to voicemail.	-	VNP-54391
[+]	Added support for multiple STUN servers.	-	VNP-54425
[+]	Added OS support for DNS cache, lowering the load on the DNS infrastructure and improving performance.	-	VNP-54471 VNP-54496
[=]	Improved user documentation and knowledge base articles.	-	VNP-48680 VNP-52994 VNP-53004 VNP-53780 VNP-53805 VNP-53832 VNP-54059

[=]		Improved codec selection mechanisms.	-	VNP-52816 VNP-53986 VNP-54020 VNP-54091 VNP-54106 VNP-54108 VNP-54111 VNP-54112
[=]		Extension is marked as non reachable on TCP connection close.	-	VNP-53300 VNP-54189
[=]		Fixed multiple issues regarding GeoIP location.	-	VNP-53387
[=]		Improved authentication mechanisms in the Web Management Interface.	-	VNP-53457
[=]		VoipNow 3.5 ISO image is based on CentOS 7.	-	VNP-53629 VNP-53639
[=]		Optimized SQL queries for updating the permissions and the limits of an account.	GUQ-527564	VNP-53703
[=]		Optimized SQL queries for CallCosts and QuickStats SystemAPI methods.	AVQ-185901	VNP-53719
[=]		Added incipent support for multivoice sound files.	-	VNP-54004 VNP-54040 VNP-54337
[=]		Improved password control user experience.	-	VNP-54065
[=]		Improved the adaptive jitter buffer implementation with optimizations for WiFi networks.	-	VNP-54067
[=]		Removed useless codecs and ssrc lines in SIP packages in order to minimize packet size.	-	VNP-54275
[=]		Enabled plugins in RabbitMQ to simplify server management.	-	VNP-54307
[-]		Fixed provisioning files re-generation on template update.	RQC-538827	VNP-52388 VNP-53649 VNP-53741
[-]		Fixed VoipNow SystemAPI demo initial verification.		VNP-52413
[-]		Fixed default language selection on impersonate.	JCF-185215	VNP-52473
[-]		Fixed possible race condition in PBX engine.	-	VNP-52848
[-]		Fixed SIP engine issues with multiple processes sharing the same connection to SQL database.	-	VNP-53078 VNP-53717
[-]		Fixed disk space warnings.	HMI-971506	VNP-53157
[-]		Fixed several PBX engine issues with SRTP session restart.	-	VNP-53253
[-]		Fixed PBX engine race condition in refer transfer.	-	VNP-53666
[-]		Fixed PBX engine memory leaks in Conference call.	-	VNP-54451
[-]		Fixed PBX engine memory leak.	-	VNP-53668
[-]		Reduced the number of seconds to wait for a PBX node before trying to redistribute the call to another PBX.	-	VNP-53681
[-]		Added Record all queue conversations option to the user level.	RTF-581374	VNP-53698
[-]		Fixed contact update on re-register after no disconnect.	-	VNP-53775
[-]		Fixed public numbers search for non ascii characters.	JUX-157498	VNP-53786
[-]		Fixed reports in the last day of the month by setting DataTimeZone to user timezone instead of UTC.	ELU-612165	VNP-53827
[-]		Fixed call completed elsewhere hangup cause.	MUV-162054	VNP-53851
[-]		Fixed maximum disk for voicemail value for the users added with templates.	RVJ-860287	VNP-53867
[-]		Fixed inconsistency in parking when using a distributed setup.	-	VNP-53944
[-]		Ignoring info about the audio RTCP port, when client doesn't provide a RTCP port.	-	VNP-53951
[-]		Fixed several issues with audio player in webinterface.	-	VNP-53954 VNP-53974

[-]	Fixed stacked number management.		VNP-53973 VNP-54482 VNP-54486
[-]	Fixed issues with user charging warning being sent even if that notification should not be enabled for that account.	DPC-415973	VNP-53995 VNP-53996
[-]	Fixed logrotation for php-fpm.	-	VNP-53998
[-]	Fixed adding cascade incoming rules from SystemAPI.	-	VNP-54005
[-]	Fixed possible PBX engine crash on configuration reload.	-	VNP-54013
[-]	Limited CallerID setup in UnifiedAPI for the organizations with CallerID management disabled.	EXU-788171	VNP-54025
[-]	Removed video controls when the call is ending.	-	VNP-54047
[-]	Using static payloads to match SDP m-lines.	-	VNP-54049
[-]	Remove the possbility to uninstall VoipNow with installer.	-	VNP-54063
[-]	Fixed web management interface style.	-	VNP-54068 VNP-54073 VNP-54088 VNP-54095 VNP-54362 VNP-54363
[-]	Downloaded fax/voicemai/recordings are now marked as read.	RNJ-477957	VNP-54074
[-]	Fixed call being closed on re-INVITE after network change.	-	VNP-54083
[-]	Fixed file size for sounds recorded over the phone.	-	VNP-54092
[-]	By-passed the user existence verification as it cannot fully protect against abuse.	-	VNP-54093
[-]	Guarded against injections in SIP headers.	-	VNP-54141 VNP-54142
[-]	Security audit fixing multiple undisclosed security issues.	-	VNP-54152 VNP-54153 VNP-54445 VNP-54456 VNP-54495 VNP-54497 VNP-54531 VNP-54532 VNP-54534 VNP-54541 VNP-54545 VNP-54556
[-]	Increased the size of the debugging report sent to vendor.	-	VNP-54159
[-]	Fixed PBX engine race condition when returning from parking.	-	VNP-54160
[-]	Fixed PBX engine memory leak.	-	VNP-54167
[-]	Fixed multiple issues in PBX engine jitter buffer.	-	VNP-54168 VNP-54200 VNP-54202 VNP-54212
[-]	Start ICE on caller leg when a SIP response with SDP (200 / 183) is sent back, instead of starting ICE when receiving invite.	-	VNP-54210 VNP-54261
[-]	Added channel to autoservice until target accepts or rejects the call.	-	VNP-54216
[-]	Fixed fax dependencies on CentOS 7.	-	VNP-54220 VNP-54221
[-]	When infrastructure is behind NAT, update RTCP address.	-	VNP-54229
[-]	Fixed PBX engine applications starting playing even if RTP connectivity is delayed.	-	VNP-54230
[-]	Fixed PBX engine memory leaks with srtp policy and certificates.	-	VNP-54277
[-]	Fixed CallerId for refer transfer to external target.	-	VNP-54292
[-]	Prevent reinitialization of ICE if remote candidate list didn't modify.	-	VNP-54296
[-]	Avoided updating from domain in ACK if the request comes from PBX and is intended for a SIP provider.	VAH-978757	VNP-54299
[-]	Fixed some race conditions PBX engine parking application.	-	VNP-54303 VNP-54493 VNP-54366 VNP-54371 VNP-54414 VNP-54426
[-]	Check for billing status before warning.	-	VNP-54364
[-]	Fixed possible race condition in PBX engine.	-	VNP-54374

Type	Details	Support Zone Ticket ID	JIRA Ticket ID
[-]	Fixed video support in case of a blind transfer call.	-	VNP-54382
[-]	ICE session is now reset only when ICE is completed or nominating. Previous role is preserved.	-	VNP-54386
[-]	Checked password strength for creation utils scripts.	-	VNP-54389
[-]	Fixed notification email for creation utils update.	-	VNP-54393
[-]	Removed locks on PBX engine conference when inviting new members.	-	VNP-54418
[-]	Fixed search field in extension table on intercom setup.	-	VNP-54444
[-]	Fixed welcome extension setup.	-	VNP-54446
[-]	Fixed extension call counter for external calls.	-	VNP-54449
[-]	Fixed Polycom VVX300 provisioning template not to immediately dial 4 digit numbers.	-	VNP-54452
[-]	Avoiding executing astsync if another astsync is already running.	-	VNP-54475
[-]	Do not add oldmediaip to SDP.	-	VNP-54483
[-]	Fixed possible PBX engine crash.	-	VNP-54489
[-]	Additional check in case of only one PBX node in the distribution list.	-	VNP-54506
[-]	Fixed some country names.	-	VNP-54507
[-]	Fix various language pack keys.	-	VNP-54511
[-]	Fixed possible deadlock on PBX engine.	-	VNP-54518
[-]	Removed client.sh and clientprefs.sh creation utils because they have been deprecated by account.sh.	-	VNP-54529

Automation Component

Type	Details	Support Zone Ticket ID	JIRA Ticket ID
[-]	Made the password required on add customer account page.	-	VNA-15204

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VoipNow Component

Type	Details	Support Zone Ticket ID	JIRA Ticket ID
[+]	Added SELinux support for all VoipNow services.	-	VNP-53799
[+]	Better UX for HTTP error pages.	-	VNP-53723
[+]	Added transcoding support for Opus codec.	-	VNP-53960 VNP-53977 VNP-53986
[+]	All sounds files were updated to higher quality 16 KHz.	-	VNP-53105
[+]	New password strength analyzing and enforcing mechanisms.	-	VNP-53757 VNP-53822 VNP-53831 VNP-53833 VNP-53834 VNP-53841 VNP-53861 VNP-53862 VNP-53864 VNP-53873 VNP-53889 VNP-53898
[=]	Improved Call Reports page behavior and style.	-	VNP-38881 VNP-53779 VNP-52915
[=]	Skin pack generator script is now compliant with the new skin structure.	-	VNP-50478

[=]	Redesigned authentication mechanisms to increase security.	-	VNP-50575 VNP-52652 VNP-53022 VNP-53024 VNP-52659 VNP-53025 VNP-53457 VNP-53895 VNP-53929 VNP-53934 VNP-53934 VNP-53948
[=]	Improved forgot password mechanism.	-	VNP-52261 VNP-53753 VNP-53754 VNP-53756 VNP-53767 VNP-53753
[=]	Improved style for agent status panel.	-	VNP-52874
[=]	Simplified SQL node deployments for both MySQL master and slave nodes.	-	VNP-53017
[=]	Improved backup procedure for single node setups.	-	VNP-53220 VNP-53221 VNP-53222 VNP-53783 VNP-53784 VNP-53800 VNP-53804 VNP-53805 VNP-53807 VNP-53808 VNP-53814 VNP-53815 VNP-53816 VNP-53819 VNP-53820 VNP-53829 VNP-53849
[=]	Improved email notifications to use HTML format.	XUT-161938	VNP-53443
[=]	Improved the distributed infrastructure setup process.	-	VNP-53525 VNP-53526 VNP-53528 VNP-53643 VNP-53650 VNP-53652 VNP-53693 VNP-53694 VNP-53728 VNP-53730 VNP-53740 VNP-53823 VNP-53826 VNP-53872
[=]	UnifiedAPI discovery service is now more reliable.	-	VNP-53654
[=]	Improved web interface popup window behavior.	-	VNP-53801
[=]	Replaced sound player with HTML5 player.	-	VNP-53954
[=]	Changed the default value of CallerID to "Set by server."	GOU-164217	VNP-51013
[=]	Call On Hold status is reported using SIP INFO messages.	-	VNP-53797 VNP-53848 VNP-53850 VNP-53852 VNP-53877
[-]	Fixed SIP channels when SIP nodes are offline.	-	VNP-50668
[-]	Fixed Resend extension details behavior on all accounts.	my.4psa.com	VNP-51548
[-]	Fixed display of CallerID in Call reports.	HEP-952751	VNP-51567
[-]	Integrated fixes from VoipNow 3.0.7M2 release.	-	VNP-52495
[-]	Fixed several possible PBX crashes and memory leaks.	-	VNP-52596 VNP-53290 VNP-53402 VNP-53726 VNP-53762 VNP-53837 VNP-53856
[-]	Fixed confusing behavior for User Groups page.	-	VNP-52822
[-]	Fixed paging control for Queue setup page.	-	VNP-52989
[-]	Fixed Scheduled conference search to use the current extension.	-	VNP-53006
[-]	Fixed several possible SIP server crashes and memory leaks.	-	VNP-52614 VNP-53078 VNP-53198 VNP-53717
[-]	Improved the usability of the setup wizard.	-	VNP-53350 VNP-53884 VNP-53894 VNP-53940
[-]	Fixed several issues that prevented Ejabberd service from starting.	-	VNP-53379 VNP-53435 VNP-53669 VNP-53869
[-]	Fixed S3 queue service logging notice.	-	VNP-53441
[-]	Fixed possible lock in Conference invite.	-	VNP-53519 VNP-53520 VNP-53687
[-]	Fixed multiple usability issues in the installer script.	-	VNP-53524 VNP-53699
[-]	Fixed skin for OpenID.	-	VNP-53537
[-]	Fixed Call Events to accept URLs that contain capital letters.	PMU-649274	VNP-53620

[-]	Fixed sorting by agent name in the Queue Agents page.	-	VNP-53702
[-]	Fixed multiple errors in CLI scripts.	-	VNP-53711 VNP-53720 VNP-53812
[-]	Fixed email notifications for extensions added using SystemAPI.	-	VNP-53721
[-]	Fixed Email templates to use owner notifications instead of the parent ones.	-	VNP-53722
[-]	Fixed extension search to be case sensitive.	-	VNP-53770
[-]	Fixed issue with fax status reporting in web management interface.	-	VNP-53774 VNP-53772
[-]	Fixed Update button to work properly on single node installations.	-	VNP-53781
[-]	Fixed style for disabled buttons.	-	VNP-53806
[-]	Fixed possible issue with outgoing calls if channels are removed.	-	VNP-53818
[-]	Fixed multiple several issues during product installation.	-	VNP-53828 VNP-53868 VNP-53886 VNP-53907 VNP-53923 VNP-53939 VNP-53968 VNP-53969
[-]	Fixed build number in application title.	-	VNP-53843
[-]	Fixed search in the Web interface sessions page.	-	VNP-53865
[-]	External links are now opened in new browser tab.	-	VNP-53901
[-]	Fixed Callnow to only use https.	-	VNP-53912

Automation Component

Type	Details	Support Zone Ticket ID	JIRA Ticket ID
[=]	Made several improvements to the store categories design.	-	VNA-15146
[=]	Improved submit method for each page.	-	VNA-15182 VNA-15198
[=]	Updated third-party libraries used by Store.	-	VNP-53501
[=]	Made several skin improvements.	-	VNA-15201
[=]	Updated icons used in order deployment.	-	VNP-53152
[-]	Added year 2015 for Credit Card Expiration date.	-	VNA-15152
[-]	Fixed colors for invoice payment status.	-	VNA-15169 VNA-15170
[-]	Fixed text in Order Deployment page.	-	VNA-15173 VNA-15180
[-]	Fixed Order Management alignment.	-	VNA-15184
[-]	Set PHP 5.5 as minimum requirement in Store.	-	VNA-15191

Known Limitations

End-user and developer documentation has not been published.

Firewall is not activated on system installation.

Call encryption cannot be managed from web management interface.

VoipNow 3.5 Beta 2 Release 150114

VoipNow Component

Type	Details	Support Zone Ticket ID	JIRA Ticket ID
[=]	Added support to enable/disable fax detection.	LWF-581187	VNP-50325
[=]	Improved design of assign public numbers in Roles and Phone Numbers pages.	IQB-396491	VNP-48888
[=]	Improved device authentication mechanisms	-	VNP-50575
[=]	Indexed call information in search role.	-	VNP-51699,VNP-51700
[=]	Removed all SIP standard forbidden characters from the password generator.	-	VNP-52180
[=]	Improved design in advanced logs page.	-	VNP-52488
[=]	Redesigned password strength checker.	-	VNP-52585
[=]	Implemented new CSS changes in all skins.	-	VNP-52631
[=]	Made several improvements to documentation.	-	VNP-52993 VNP-53005
[=]	Made several minor style improvements.	-	VNP-53210 VNP-53211,VNP-53282 VNP-53333 VNP-53346 VNP-53352 VNP-53458 VNP-53468 VNP-53538 VNP-53542 VNP-53549 VNP-53559
[=]	Conference Invite is now on separate thread to allow non-blocking conference administration.	-	VNP-53227
[=]	Improved VoipNow web management interface internals to achieve better performance.	-	VNP-53251 VNP-53269 VNP-53276 VNP-53280 VNP-53281 VNP-53285 VNP-53292 VNP-53293 VNP-53316 VNP-53328 VNP-53348 VNP-53361 VNP-53386
[=]	Made several style improvements to Queue Agents Management area.	-	VNP-52825 VNP-52894 VNP-52935
[=]	Made several style improvements to Sound panels.	-	VNP-52858 VNP-53354
[=]	Made several style improvements to Callback CallerID Management area.	-	VNP-52863
[=]	Made several style improvements to OpenID Identities area.	-	VNP-52887 VNP-53334
[=]	Made several style improvements to Set CallerID panel.	-	VNP-52922
[=]	Made several style improvements to Time Interval details panel.	-	VNP-52924
[=]	Made several style improvements to Cloud Management area.		VNP-52899 VNP-53161
[=]	Refactored backup and restore tools.	-	VNP-52643
[=]	Added TRUSTED_NET in local.conf to allow distributed database connection from certain networks.	-	VNP-53194
[-]	Fixed various problems with parking and ICR transfer.	-	VNP-42636
[-]	Fixed HubRing dump issues when debugging.	-	VNP-49194 VNP-50528
[-]	SIP and PBX roles can now be removed from the Infrastructure Controller if the server has no more than 3 extensions and no channels are assigned to the SIP node.	-	VNP-50381
[-]	Refactored safe_uac implementation in SIP server for better stability.	WER-957582 YGS-155942 ZZH-471769 Autoreport	VNP-50525
[-]	Call recording can now be stopped during attended REFER transfer.	KTA-251369	VNP-50599
[-]	Fixed ICR jump to voicemail when voicemail answer time is not set.	RZK-135110	VNP-50723
[-]	Added Hold/Unhold support for conference. Music on hold is now played when there is only one active participant in conference.	DPT-743799	VNP-50787

[-]	Fixed AST-2014-002 security issue.	-	VNP-50859
[-]	Fixed SIP presence issues related to invalid expire date.	-	VNP-50912
[-]	Many WebRTC support improvements.	-	VNP-51208 VNP-51970 VNP-51986 VNP-52671
[-]	Fixed call history "unallocated" hang-up cause.	-	VNP-51634
[-]	Fixed bug in Cloud Management page that triggered a page reload after performing some operations on a node.	-	VNP-52673
[-]	Integration fieldset in Tools management pages is no longer shown as empty.	-	VNP-52776
[-]	Added min-width to main search container in Extensions page.	-	VNP-52786
[-]	Fixed race condition that occurred when getting a SQL connection.	AutoReport	VNP-52848
[-]	Fixed conference sound options.	-	VNP-52869
[-]	Fixed UI bug in Add New Sound page; if an invalid sound is added the file input no longer remains locked in disabled state.	-	VNP-52896
[-]	Updated icons in Call History page.	-	VNP-52912 VNP-53324
[-]	Added monitoring for VoipNow 3.5 new role services.	-	VNP-52928
[-]	Increased size of group tables in pop-ups.	-	VNP-52936
[-]	Aligned form elements with multiple selects in New Channel Group page.	-	VNP-52939
[-]	Fixed several style issues in Phone Number Management page.	-	VNP-52950
[-]	Enabled video in conference.	-	VNP-52976
[-]	Update icon background color.	-	VNP-52992
[-]	Fixed focus through VoipNow Start Up Wizard.	-	VNP-53000 VNP-53001 VNP-53146
[-]	Fixed UTF-8 characters search in Channels Management page.	YHN-392869	VNP-53003
[-]	Removed the mail role from the list of eligible roles for adding nodes.	-	VNP-53014
[-]	Fixed display of Authentication History and Failed Authentication pages.	-	VNP-53024 VNP-53040
[-]	Fixed several possible PBX crashes and memory leaks.		VNP-53035 VNP-53036 VNP-53049 VNP-53081 VNP-53256 VNP-53295 VNP-53337 VNP-53302 VNP-53320 VNP-53356 VNP-53391 VNP-53397 VNP-53400
[-]	Fixed Add/Edit Device style issues.	-	VNP-53038 VNP-53315 VNP-53407 VNP-53539
[-]	Fixed several out-of-bounds access issues in PBX.	-	VNP-53039
[-]	Fixed several uninitialized return issues in PBX.	-	VNP-53045
[-]	Added plug-ins support in Yum config file.	-	VNP-53059
[-]	Added default values for HTTP and HTTPS ports; they are not sent when the form is submitted.	Beta Client	VNP-53069
[-]	Fixed static analysis issues in corebin.	-	VNP-53082
[-]	Added title to set-up and show license pages.	-	VNP-52946
[-]	Fixed static analysis issues in SIP server.	-	VNP-53080 VNP-53304
[-]	Fixed static analysis issues in PBX applications.	-	VNP-53083 VNP-53219
[-]	Fixed static analysis issues in SpanDSP.	-	VNP-53085

[-]	Fixed static analysis issues in libs3.	-	VNP-53086
[-]	Fixed video re-INVITE issue in conference.	-	VNP-53094
[-]	Fixed recording party_id in UnifiedAPI initiated calls when a short number is used.	-	VNP-53097
[-]	Fixed ejabberdctl connection issue.	OEQ-539657	VNP-53098
[-]	IVR options are now properly detected.	BVJ-847220	VNP-53143
[-]	Fixed media renegotiation issue that caused calls to close.	-	VNP-53158
[-]	Certificates are now synchronized between nodes.	-	VNP-53159
[-]	Fixed style issue in Custom Buttons.	-	VNP-53163
[-]	Fixed music on hold disable in conference.	-	VNP-53177
[-]	Added December to month list in recurring scheduled conferences.	-	VNP-53179
[-]	Fixed several sounds played before connecting to the conference on lock/unlock.	-	VNP-53180 VNP-53182
[-]	Fixed style issue in user groups.	-	VNP-53187 VNP-53188
[-]	Fixed some parsing permissions issues on upgraded storage.conf.	-	VNP-53206 VNP-53243
[-]	Fixed Call Events panel style issues.	-	VNP-53208
[-]	Increased UnifiedAPI source/destination max length to 32.	-	VNP-53218
[-]	S3 configuration now reloads when credentials are changed.	-	VNP-53249
[-]	Fixed error when downloading voicemail from POSIX.	YOZ-739619	VNP-53250
[-]	Fixed hold/unhold support for WebRTC calls.	-	VNP-53258
[-]	Fixed storage system configuration directive parse.	-	VNP-53260
[-]	Postfix configuration is correctly reloaded on changes.	-	VNP-53264
[-]	Fixed video behavior on WebRTC calls following on hold.	-	VNP-53277
[-]	Fixed SIP active monitoring mechanism.	-	VNP-53301
[-]	When video format is not found warnings on conference participant name recording are no longer displayed.	-	VNP-53305
[-]	Improved logger defaults on Elasticsearch.	-	VNP-53338
[-]	Fixed wrapping on the '-' character in button names.	-	VNP-53343
[-]	Fixed JavaScript syntax error on Add SystemAPI Application.	-	VNP-53359
[-]	Fixed panel position on the screen.	-	VNP-53363
[-]	Fixed redirection at the top of the page when agreeing to the EULA.	-	VNP-53364
[-]	Fixed escaping issue for the phoneName field of the missed call notifications.	-	VNP-53371
[-]	Added language pack message for device failure to deregister.	-	VNP-53373
[-]	Incorrect extension data set in notification for local fax.	-	VNP-53390
[-]	Backupsync no longer duplicates configuration parameters when empty and ending with '\r'.	-	VNP-53395

Type	Details	Support Zone Ticket ID	JIRA Ticket ID
[-]	Fixed web interface validation of required fields in Cloud Management.	-	VNP-53421
[-]	Fixed conference scenario with multiple recordings.	-	VNP-53482
[-]	Removed voice filter when requesting codecs for extension or channel.	-	VNP-53485
[-]	Fixed error when updating a queue using SystemAPI.		VNP-53349
[-]	Fixed Beta installer upgrade warning.	-	VNP-53524
[-]	Default codecs are now checked when adding a channel.	-	VNP-53527
[-]	Added missing JavaScript function in CallNow and Fax pages.	-	VNP-53545
[-]	Fixed services restart after system reboot on RHEL 7 / CentOS 7.	-	VNP-53564

Automation Component

Type	Details	Support Zone Ticket ID	JIRA Ticket ID
[=]	Made several interface style improvements.	-	VNA-15143 VNA-15167 VNA-15171
[=]	Updated Automation icons.	-	VNP-53170
[=]	Made several style improvements to Orders area.	-	VNA-15158 VNA-15160 VNA-15161 VNA-15164 VNP-52790 VNP-52791,VNP-53144 VNP-53153 VNP-53154 VNP-53155 VNP-53156 VNP-53162 VNP-53164 VNP-53165 VNP-53202 VNP-53016
[=]	Made several style improvements to Store Items area.	-	VNP-52787 VNP-53247 VNP-52933 VNP-53167
[=]	Made several style improvements to Automation Reports area.	-	VNA-15151 VNP-52789
[=]	Made several style improvements to Invoice area.	-	VNA-15169 VNP-52890 VNP-53160 VNP-53235 VNP-53268 VNP-53344 VNP-53353
[=]	Made several style improvements to Customer Account area.	-	VNA-15165 VNP-53011 VNP-53236
[=]	Made several style improvements to Choose Operation panel.	-	VNP-52997
[=]	Made several style improvements to Email Templates area.	-	VNA-15157 VNA-15159 VNP-53166 VNP-53185 VNP-53186
[=]	Made several style improvements to Setup area.	-	VNP-53226 VNP-53232 VNP-53234 VNP-52763 VNP-53224
[-]	Fixed payment plug-in language.		VNA-15149
[-]	Fixed more PHP warnings when changing invoice status.	-	VNA-15150
[-]	Removed year 2013 from the Credit Card Expiration Date.	-	VNA-15152
[-]	Slave account fields now display correctly under user template.	-	VNA-15156
[-]	Fixed missing class constant.	-	VNA-15162
[-]	Fixed store connection plug-in.	-	VNA-15163
[-]	Fixed cloud placeholder issues.	-	VNA-15174
[-]	Tax fields are no longer repeated with labels.	-	VNP-52763
[-]	Fixed several issues in prepaid bricks.	-	VNP-52795

Type		Details		Support Zone Ticket ID	JIRA Ticket ID
[-]		Reduced width of provider template panel.	-		VNP-52943
[-]		Calendar icons are now aligned in search forms.	-		VNP-53010
[-]		Default plug-in no longer appears disabled.	-		VNP-53012
[-]		Added automation SQL on upgrades.	-		VNP-53319

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VoipNow Component

Type	Details	Support Zone Ticket ID	JIRA Ticket ID
[+]	Added support for next generation Unified Communications Hubgets app.	-	-
[+]	Added support for RHEL 7 / CentOS 7.	-	VNP-52661 VNP-52690 VNP-52729
[+]	Chat is now a user-level function. Added IM settings and removed IM management permission.	-	VNP-49396 VNP-49546 VNP-49641 VNP-50130 VNP-51761 VNP-52257 VNP-52330
[+]	Added server side chat messages archiving.	-	VNP-50405 VNP-50406 VNP-50407 VNP-50755 VNP-51961
[+]	Added support for relating voicemail recordings and fax messages with call history.	-	VNP-49470
[+]	Added the *GetProvision* SOAP method that retrieves phone provisioning information.	-	VNP-49472
[+]	Added support for internal notification engine.	-	VNP-50719 VNP-50907 VNP-52287 VNP-52292 VNP-52200 VNP-52206 VNP-52281 VNP-52489 VNP-52737 VNP-52739
[+]	New web management interface skin.		-
[+]	Centralized digital certificates for customer facing services.	-	VNP-51775
[+]	Added support for Silk and G722.1 (Siren) codecs.	-	VNP-52530 VNP-52531
[+]	Added webRTC support with DTLS RTP encryption and start/stop video on the fly during the call.	-	VNP-50863 VNP-51208 VNP-51523,VNP-51709 VNP-51864 VNP-52220 VNP-52221 VNP-52223 VNP-51986 VNP-52213
[+]	Conferencing performance and voice quality dramatically improved video support added.	-	VNP-50762
[+]	Added experimental VoipNow firewall.	-	VNP-51748
[+]	Added experimental support for selinux.	-	VNP-52023
[+]	MariaDB backups are now performed using locking with xtrabackup.	-	VNP-52555
[+]	Call history information is now indexed for analytics.	-	VNP-51700 VNP-52039 VNP-51699 VNP-52398
[+]	Call origin for system extensions is saved in call history (IP port transport).	-	VNP-51710 VNP-51711 VNP-51712
[+]	Added support for configuring RTP encryption (SDES-SRTP DTLS-SRTP) per extension.	-	VNP-51900
[=]	Refactored Amazon S3 implementation - improved performance reliability and scalability; added support for all types of files.	-	VNP-51075 VNP-51673 VNP-51674 VNP-51676 VNP-51752 VNP-51753 VNP-51908 VNP-52109 VNP-51755
[=]	Added new role - Elasticsearch.	-	VNP-49934 VNP-50367 VNP-50369 VNP-50370 VNP-50422 VNP-50425 VNP-51036 VNP-51081 VNP-51735 VNP-51744 VNP-51745 VNP-51879 VNP-51968 VNP-52143
[=]	Added new role - Worker.	-	VNP-50432 VNP-50433 VNP-50930 VNP-51073 VNP-51074 VNP-51846 VNP-52036 VNP-52133 VNP-52140 VNP-52264
[=]	Web Management role upgraded to use PHP 5.4.34.	-	VNP-50329 VNP-50494 VNP-52352
[=]	Web Management role upgraded to use Nginx 1.6.2.	-	-

[=]	Web Management role has now NodeJS support.	-	VNP-50397 VNP-50424 VNP-52201 VNP-52258 VNP-52217 VNP-52225 VNP-52284
[=]	SIP role upgraded to use Kamailio 4.1.	-	VNP-50767
[=]	Jabber role upgraded to Ejabberd 13.12.	-	VNP-49421 VNP-49639 VNP-50476 VNP-50489 VNP-50491 VNP-50495 VNP-50496 VNP-50516 VNP-50700 VNP-51037 VNP-51793 VNP-51917 VNP-52163 VNP-52486
[=]	PBX role upgraded to Asterisk 11.7.	-	VNP-48502 VNP-49683 VNP-50499 VNP-50500
[=]	Improved support for VoipNow web management interface behind a Load Balancer.	-	VNP-48418
[=]	Improved concurrent call limitation. Call waiting is no longer counted as a new call.	DYA-833583	VNP-49377
[=]	All MariaDB tables now use InnoDB.	-	VNP-49381
[=]	Lots of improvements on the installation process for a single SQL node.	-	VNP-52004
[=]	When a new language is installed it is immediately properly displayed.	-	VNP-49510
[=]	Changed default codec priority.	-	VNP-49765 VNP-52612 VNP-52613
[=]	Codec priority is now considered when generating extension/channel supported codec list.	CCR-620093	VNP-51331 VNP-51336 VNP-52651
[=]	Changed the way account expire works (parent limit is no longer imposed).	http://my.4psa.com/4psa /topics /service_provider_expiration_ extension	VNP-49822
[=]	To check the status of VoipNow updates no page refresh is necessary.	-	VNP-50314
[=]	Added English (New Zealand) phone language.	-	VNP-50373
[=]	On return from park the unanswered call is sent to voicemail.	TEP-842127	VNP-50445
[=]	Added support for custom indications file in PBX.	GNF-875196	VNP-50715
[=]	Retry transfer from IVR in case the dialed number is disabled.	http://my.4psa.com/4psa /topics /disabled_extensions_from_ivr	VNP-50885
[=]	SIP presence max expiration has the same value with REGISTER max expiration.	-	VNP-50913
[=]	Added support for .ld file extension in phone provisioning.	GTH-666761	VNP-50984
[=]	Cosmetic changes in Installer to make it more user friendly.	-	VNP-51194
[=]	Improved performance of extension recording queries.	RQT-636946	VNP-51447
[=]	Added to countries selector Kosovo Saint Barthelemy Saint Helena Ascension and Tristan da Cunha.	-	VNP-51839
[=]	Added "Call completed elsewhere" reason code for SIP CANCEL.	-	VNP-51902
[=]	VoipNow backup has been completely refactored.	-	VNP-52164
[=]	All customer facing services require protocol TLSv1 or higher and secure ciphers.	-	VNP-52364 VNP-52904
[=]	Removed OpenID providers that do not work anymore.	-	VNP-52657
[=]	Removed remote hands as VoipNow distributed installations make it no longer useful.	-	VNP-52735 VNP-52993
[=]	Added devices support in authentication.	-	VNP-50575
[=]	Folders that contain shared sounds can now be deleted.	-	VNP-34683

[=]	Improved logging for SIP server.	-	VNP-48296 VNP-49514 VNP-49522 VNP-50782
[=]	Improved call charging error logging.	NPQ-232495	VNP-50776
[=]	The full list of codecs is provided for UnifiedAPI calls in order to prevent transcoding.	-	VNP-52816
[-]	SIPCallID is now correct in call history.	-	VNP-48050 VNP-52647 VNP-52648 VNP-52650 VNP-52653 VNP-52656 VNP-52658
[-]	Multiple improvements that increase the reliability of the SIP server.	Autoreport WER-957582 ZZH-471769 YGS-155942	VNP-48675 VNP-51919 VNP-50525, VNP-50551 VNP-50564 VNP-50614 VNP-52452 VNP-52453
[-]	"Allow to dial phone terminal extensions directly" option for IVR contexts is now properly cloned.	NHN-648349	VNP-49633
[-]	Fixed fax download on IE when faxes are using Amazon S3 as storage.	KHI-604209	VNP-49675
[-]	Cleaned-up unused SQL tables.	-	VNP-49695
[-]	Fixed call history records on attended transfer done with REFER on incoming public call.	-	VNP-49805
[-]	Fixed incorrect callerID for received fax messages.	-	VNP-49808
[-]	Fixed typo when setting CallerID for outgoing call based on the DID from the channel through which it was routed.	-	VNP-49812
[-]	Increased width of Queue report graphs in order to properly display the whole label.	-	VNP-49829
[-]	Fixed *2 conference option for invited members.	-	VNP-49834
[-]	Fixed System Default timezone issue in scheduled conferences.	-	VNP-49836
[-]	Fax email subjects sent with a base64 encoding and UTF-8 charset are now properly decoded.	UVS-841599	VNP-49933
[-]	NAT infrastructure without private connectivity is no longer permitted.	SVU-174282	VNP-50076
[-]	Fixed a spelling error with the New Zealand time zones for Tiptel and Yealink phones.	JYT-345076	VNP-50374
[-]	Zero second recordings are no longer saved.	-	VNP-50386
[-]	Stop recording for channel doing the transfer.	KTA-251369	VNP-50599
[-]	Set the dial timeout for IVR transfers to system default (120 secounds).	UHS-512794	VNP-50637 VNP-51297
[-]	Music on hold should be played only when there are no other active participants in the conference.	DPT-743799	VNP-50787
[-]	Several presence issues fixed in SIP server.	-	VNP-50895 VNP-50896 VNP-50899 VNP-50995 VNP-50996 VNP-51247 VNP-51363 VNP-51372 VNP-51705
[-]	Sending ACK for 200 OK with same branch in Via as part of the INVITE transaction.	-	VNP-50918
[-]	Added timezone definitions for voicemail.	DHP-993788	VNP-51234
[-]	Fixed ICR transfer timeout not applying when the ICR destination was set to a non Phone Terminal extension.	ZMZ-170819	VNP-51330
[-]	Fixed DID field in call history for a call transferred to voicemail after passing through an IVR.	HNA-931455	VNP-51575
[-]	Fixed call recordings From and To for calls initiated via UnifiedAPI.	KDM-333200	VNP-51576 VNP-51582
[-]	Fixed incorrect CallerId in call history for blind transfer.	-	VNP-51622
[-]	No more "unallocated" hangup cause for cancelled calls.	-	VNP-51634
[-]	Fixed permissions and ownership for some configuration files.	-	VNP-51733

[-]	Fixed call flow field in call recording for UnifiedAPI calls.	-	VNP-51851
[-]	Fixed call flow field for calls returned from parking.	-	VNP-51886
[-]	Fixed incorrect charging for attended REFER transfer from callee.	-	VNP-51907
[-]	Fixed several memory leaks in PBX role.	-	VNP-51983 VNP-51982 VNP-51985 VNP-52031
[-]	Email to fax properly accepts emails that have a body but no attachments.	-	VNP-52051
[-]	Fixed call routing on remote transfers.	-	VNP-52096
[-]	Fixed several issues in captcha validation.	-	VNP-52652
[-]	Fixed possible SQL injection.	-	VNP-52666
[-]	Fixed SQL error when adding more users to a group.	-	VNP-52695
[-]	Fixed SQL error on Authentication History for user.	-	VNP-52727
[-]	Fixed SQL error on move organization.	-	VNP-52865
[-]	Editing an organization from SystemAPI will no longer causes its template to be re-applied.	-	VNP-52947
[-]	Fixed message key for fax message search date error.	-	VNP-52952
[-]	Fixed inherited cost if free minutes finish during the call.	-	VNP-52979 VNP-53008 VNP-53007

Automation Component

Type	Details	Support Zone Ticket ID	JIRA Ticket ID
[+]	New web management interface skin.	-	
[-]	Fixed fatal error when trying to view an invoice.	PMC-398112	VNA-15135
[-]	Fixed typo in js alert.	-	VNA-15141
[-]	Fixed error in second level category add.	-	VNA-15145
[-]	Fixed payment plug-in language.	-	VNA-15149
[-]	Fix several warnings when changing invoice status.		VNA-15150

Known Issues

Firewall is not activated on system installation. This step must be performed by the administrator on all nodes and you can find it explained in Network Security.