VoipNow 5.5.5

This document contains all the changes performed in VoipNow 5.5.5.

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Important Notes

Deprecating Notice

Please read VoipNow Deprecating Notice before going further.

Before Upgrade

Upgrade from VoipNow version < 5.0.0

This upgrade is not supported. Please upgrade first to VoipNow 5.2.5 or a later version.

Upgrade from VoipNow version > 5.0.0

No special instructions should be followed.

Installation/Upgrade

In order to install or upgrade to VoipNow 5.5.5, please use this installer:

```
https://www.4psa.com/software/voipnow555installer.sh
```

This script can upgrade from VoipNow 5.x versions.

Limited Release Notes

The current release notes contain only the changes that in our opinion might affect existing VoipNow customers.

Legend
Features Enhancement Resolved

VoipNow 5.5.5 Release 2021.3

Type	Details	Support Zone ID	JIRA Ticket ID
[+]	New build system and release versioning. According to the new release algorithm, VoipNow 5.5.5 carries the 2021 Q3 release stamp.		HG-66983
[+]	Added support for AlmaLinux OS 8.4. Revalidated compatibility with Red Hat Enterprise Linux 8. Support for CentOS 7 and CentOS 8 will cease on December 31st, 2021 as the operating systems will become EOL. Direct upgrade from CentOS 8 to both AlmaLinux OS 8 and Red Hat Enterprise Linux is available.		HG-67496
[+]	Open Source stack upgrades and security backports.		HG-66295
[+]	Improved the Web Management interface and APIs volume load performance between 10x and 50x, depending on the load characteristics.		HG-66404
[+]	Improved the Web Management interface and APIs latency between 2x and 5x, depending on the the service.		HG-66404
[+]	Added L2/L3 PIKE checks in SIP Server on invalid user authentication.	GDV-917264	HG-65493

[+]	Improved performance of Web Management interface audit log.		HG-67600
[=]	Password change time is recorded.	-	HG-67594
[=]	Log extension number if call fails on second leg.	UCK-109780	HG-64545
[=]	Web management interface improvements.	-	HG-68422 HG-68514 HG-68552
[=]	Unify call events emitted for a call by using a unique, per call immutable identifier.		HG-62511
[=]	Fixed hardcoded protocol schema in fax email notification.		HG-68483 HG-66803
[=]	Multiple password processing improvements, chars < and > are no longer supported in account password.	DXE-788183	HG-68595 HG-68540 HG-65656
[-]	Fixed incoming faxes on CentOS 8.	SHK-652075	HG-65688 HG-66804
[-]	Fixed possible PBX Server lock in Conference application.	TYR-351446 TVH-391476 HXQ-372800 YBJ-111254 KII-711224 WOX-913328 FYY-575861	HG-63215 HG-27389 HG-33788
[-]	Mitigate the effects of CVE-2020-29573 .		HG-65804
[-]	Fixed SIP Server possible crash when PIKE is active and L2 is engaged.	-	HG-65900
[-]	Fixed inconsistent state in messaging engine after startup error.	-	HG-66003
[-]	Fixed SIP SDP address in case of SIP forking in Public/Private deployments.	HJH-371547	HG-65990
[-]	Fixed SIP contact being set to private IP in replies to SUBSCRIBE on TCP.	KYU-975441	HG-65965
[-]	Fixed installer issues with EPEL repository.	LOW-406806	HG-66002
[-]	Fixed move organization between service providers.	MAV-831919	HG-65115
[-]	Fixed revoking tokens for applications that have underscore in name.	-	HG-66042
[-]	Allow reordering of incoming call rules without specifying any rule ID in SystemAPI EditCallRulesIn method.	JKH-182557	HG-66249
[-]	Fixed cleanup when extension separator is a digit.	OMS-336024	HG-66290
[-]	Avoid SIP Server possible crash by unblocking all signals on startup.	Autoreporter	HG-65718
[-]	Correctly dispatch hang-up call event for calls with transfers.		HG-63400
[-]	Fixed From in Recorded Calls for calls recorded on queues with "Preserve original CallerID on transferred calls" enabled.	AIZ-796817 HSG-283591	HG-31017
[-]	Fixed undisclosed security issues discovered in internal audit.	-	HG-65715 HG-65652 HG-68541

[-]	Fixed SIP BLF for multiple concurrent calls.	WBB-498717, RJR-511090	HG-26831 HG-67298 HG-66328 HG-27447
[-]	Replaced OpenSSL with libsodium for random number generation.	RGF-332594 MFT-893699	HG-66978
[-]	Fixed Hubring keys cleanup when user is removed.	-	HG-27758
[-]	Fixed web log warnings caused by PHP uninitialized arrays.	-	HG-68509
[-]	Fixed account expiration processing on Service Provider level accounts.		HG-67808
[-]	Fixed password auto generation checkbox when billing is disabled	LCZ-933150	HG-65537
[-]	Fixed log rotation for HTTP Server.	YKV-600288	HG-68453
[-]	Fixed double decrement of organization quota when a non active user is deleted.	-	HG-68496
[-]	Fixed callerID preferences update on queue when authenticated user does not have permission to manage callerID	DKM-968972	HG-68750
[-]	Fixed several invalid memory access bugs in PBX Server applications.	-	HG-68747 HG-66860 HG-66861
[-]	Fixed error in SQL update when extension is converted from IP based.	OJA-969452	HG-67924
[-]	Fixed use after free on invalid ICR transfer/cascade target.	Autoreporter,XRC-720490	HG-67107
[-]	Fixed SIP Server possible crash caused by expired subscription transaction on shutdown.	Autoreporter	HG-67033
[-]	Don't run exit handlers in SIP Server child processes to play nicely with third party libraries.	Autoreporter	HG-66262
[-]	Fixed possible PBX crash caused by invalid memory read while updating billing data.	Autoreporter	HG-66120
[-]	Fixed possible SIP Server crash caused by malformed From headers in SUBSCRIBE messages received from fixed IP extensions.	Autoreporter	HG-65755