

# 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 <a href="#">CVE-2020-29573</a> .		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