

# sipXcom 18.12.centos7

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## Summary

eZuce is pleased to announce the General Availability of sipXcom 18.12.centos7. This release includes all of the same new features, improvements and fixes from 18.12 but now allows users to operate on CentOS 7.

The developers and QA staff have been incredibly busy as we've had to touch every service of the system and get them to compile and start (thanks team!). All services startup has moved to systemctl for service startup so there was lots of scripting work to be done. Additionally we've moved to pre-built freeswitch packages (1.6.20-64bit) instead of building our own.

With all CentOS 7 builds we're moving away from building ISO's. Users will need to use the CentOS 7 64 Bit minimal ISO and then perform an RPM install. The ISO creation process is a drain on resources and as we move towards a container based deployment would not be used.

We're almost done with coding for the next release (19.04). This release will include support for the new Polycom x50 VVX phones. We'll also still have both CentOS 6 and 7 releases but this will be the last release done for CentOS 6. Looking forward to version 19.08, we will release for CentOS 7 only and with no ISO's.

## Highlights

### sipXcom New Features:

- sipXcom on CentOS 7
- Allow user to choose language in UniteWeb

### sipXcom Improvements:

- Move to systemctl for service control
- Upgrade Freeswitch to 1.6.20
- In UniteWeb allow users to listed to MoH and Greeting files in GUI
- Upgraded fail2ban to 0.9.6
- Added support for newer Yealink phones (thanks IANT!)

## Notes

1. With the upgrade to CentOS 7, the user must install a fresh install of CentOS 7-64 bit and then use the RPM Installation method.
2. During configuration you will see some errors being echoed to the screen. There's some issue with CFEngine that the CFE team hasn't resolved yet. The errors are benign. You'll see something like the following:



SI P X- 7 51	Adapt sipx services / utilities for CentOS 7	<ul style="list-style-type: none"> <li>Change from system to systemctl support</li> <li>Adapt components for new APIs</li> <li>Test</li> </ul>	Enhancement	
SI P X- 7 52	Adapt build for CentOS 7	<ul style="list-style-type: none"> <li>Change RPM specs, deps</li> <li>Setup EPEL mirror, change build code to use new EPEL format</li> <li>Setup build machine, publish RPMs</li> </ul>	Enhancement	
SI P X- 7 59	Jitsi preferred transport velocity file	<p>There is an error in the Jitsi velocity file with the Preferred_Transport parameter.</p> <p>The correct parameter name in velocity file is: PREFFERED_TRANSPORT -&gt; PREFERRED_TRANSPORT</p>	Fix	Jit si
SI P X- 7 79	Remove Freeswitch from submodules	Remove Freeswitch from submodules to not build anymore as we are using already built packages now.	Enhancement	Fr ee sw itch
SI P X- 7 74	Add provisioning support for new Yealink T46S T48S ...	<p>Add support for newer Yealink S-Series.</p> <p>Old phones are not available anymore (chips will not be produced anymore).</p>	Enhancement	Ye ali nk
SI P X- 7 75	Upgrade fail2ban to v0.9.6	<p>The system is currently using an older version of fail2ban (0.8.1) which is known to be buggy and throws iptables errors in the log, such as these:</p> <pre>2018-11-07 14:54:56.664 fail2ban.actions.action: ERROR iptables -D INPUT -p all -j security-block iptables -F security-block iptables -X security-block returned 100</pre>	Enhancement	Fa il2 ban
SI P X- 7 76	Change block size in TFTP service to 1300	Several provisioning problems were tracked to TFTP using 4096 byte UDP blocks which get fragmented and lost on the way in some network environments.	Fix	TF TP
SI P X- 7 77	sipxsecurity and firewall logs not appended after rotate	Customer reported that if they put in a filter to watch IP tables for bans, but their sipxsecurity logs show no activity day after day since the last system restart.	Fix	Lo gs
SI P X- 7 78	Grace period is not being read properly by registrar service	<p>The grace period in registrar options does not work as expected. Upon investigation, it became clear that the option is being written in registrar config but not being used. Registrar startup shows value being 0 in 18.04 and later regardless of the setting (SIP_REGISTRAR_EXPIRE_GRACE_PERIOD in /etc/sipxpbx/registrar-config):</p> <pre>"2018-10-29T14:52:59.016784Z":13:SIP:INFO:18081.iuliu.test::7f57c70c9800:sipxregistry:"RegDB::ensureIndexes existing client: no, expireGracePeriod: 0, expirationTimeIndexTTL: 0"</pre>	Fix	Re gis trar
SI P X- 7 85	sipxbridge fails to start at system	sipXbridge fails to start at boot time. Upon manual startup, the service stays up. Also, backport this to 18.12 for CentOS 6.	Fix	si p Xb rid ge
U C -4 7 61	sipx-dbutil -r not working properly on 18.04 update 1	<p>sipx-dbutil -r is not working on 18.04 update 1, it only returns registrations on the primary.</p> <p>Testing indicated that the issue only occurs on servers which are not both Mongo PRIMARY and SIPXCONFIG master. Engineering recommended that line 609 in /bin/sipx-dbutil should be changed from</p> <pre>client = pymongo.Connection('localhost', 27017) in client = pymongo.Connection('localhost', 27017, slaveOk=True)</pre> <p>To allow issuing on SIPXCONFIG master and Mongo PRIMARY or SECONDARY.</p> <p><a href="https://ezuce.zendesk.com/agent/tickets/8020">https://ezuce.zendesk.com/agent/tickets/8020</a></p>	Fix	To ols
U C -4 7 70	Allow to listen moh and greeting file from user settings	Show audio controls bellow the listen and delete button to be able to pause, change volume, download when listening to the greeting or moh file in user settings instead of opening it in new tab.	Enhancement	Un ite W eb
U C -4 7 74	Conferences are automatically saved in Inbox	Conferences should be saved in conference folder	Fix	Co nf er en ce

U W -4 08	Add language support	Add possibility to change language in user portal.	Enhancement	Unite Web
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