

# sipXcom 17.10

December 7, 2017

## Summary

eZuce is pleased to announce the General Availability of sipXcom 17.10.

This release of sipXcom contains only a small set of new features, enhancements and bug fixes.

IANT has contributed high availability paging to the system. A word of caution about using this as the paging service will still open a voice call to each phone in the paging group and is not optimized to use the 'closest server'.

Dev & QA teams at eZuce have been busy as usual. Much of the on-going work is on the next generation of sipXcom. Stay tuned (or watch the docker branches in Github)!

## Highlights

### sipXcom New Features:

- Highly Available Paging Services

### sipXcom Improvements:

- New "No Group" user filter in Admin Portal
- Add additional verbosity to Proxy Auth Plugin
- Add Intercom settings for Snom devices

## Notes

1. Full Beta Release Notes with installation information are located here: [17.10 Full Beta Release Notes](#)

## Who Should Install?

This release is recommended for all 4.6 and later installations.

## Questions

Please post to the sipXcom-users google group if you have questions.

<https://groups.google.com/forum/#!forum/sipxcom-users>

## Specific Issues Addressed

Specific issues can be located in the detailed release notes in the wiki at: <http://wiki.sipxcom.org/display/sipXcom/sipXcom+17.10>

## New Installs

A new ISO is available for 17.10 at: <http://download.sipxcom.org/pub/sipXecs/ISO/>

(ISO's are not available for betas)

## Update

To update please edit your /etc/yum.repos.d/sipxecs.repo file and reference the new download server ([download.sipxcom.org](http://download.sipxcom.org)). The repo should look as follows:

```
[sipXcom]
```

```
name=sipXecs software for CentOS $releasever - $basearch
baseurl=http://download.sipxcom.org/pub/sipXecs/17.10/CentOS_$releasever/$basearch
gpgcheck=0
```

To edit this file, login to your sipX server as root and then use either vi or nano (easier).

```
vi /etc/yum.repos.d/sipxecs.repo

or

nano /etc/yum.repos.d/sipxecs.repo
```

Once the repo file is modified, run:

```
yum clean all

yum update
```

## Issues Resolved

	JIRA name	RN Content	Enhancement/Fix/Known Issue	Keywords
SI P X- 668	Intercom/Paging calls for Snom and Fitre	Add support for intercom and paging call to Fitre and Snom devices  For Fitre devices it is necessary to add the parameter "intercom=true" to the Request-Line  For Snom devices it is necessary to the string ",info=alert-autoanswer;delay=0" to the Alert-Info header	Enhancement	Snom
SI P X- 676	sipXpage High Availability	Added high availability for sipXpage (Paging Groups) It can be enabled by checking the Enable High Availability Paging box under Features->Paging Groups->Settings->Show advanced, followed by the service enabling per server under System->Servers->Telephony services. Note that administrator needs to be careful with regards to paging large groups of users and distributed networks.	Enhancement	Paging
U C- 45 05	Auth plugin log verbosity	An administrator would like additional verbosity to the proxy auth plugin logs. For example, instead of :  2017-01-25T21:33:07.170000Z:2206:AUTH:INFO:sipx.example.com::7fc0d0f72700:sipxproxy:EnforceAuthRules[400_authrules]:: authorizeAndModify no permission required for call GWGWb1ecb313-5de8-1235-1c8d-00219b91474e@45.32.76.96  2017-01-25T21:33:07.170178Z:2207:AUTH:INFO:sipx.example.com::7fc0d0f72700:sipxproxy:SipProxy::proxyMessage authoritative authorization decision is ALLOW by 400_authrules for GWGWb1ecb313-5de8-1235-1c8d-00219b91474e@45.32.76.96  .. the improved version of these messages would (preferably at NOTICE proxy verbosity) include the user associated with this dial plan challenge, and the exact rule (or some kind of identifier of the rule) that resulted in the allow or deny.  Auth and fallback rules check tools: Both tools should get path to authrules/fallbackrules xml file as parameter. Both tools should get uri as parameter. fallbackrules tool should get location string as parameter  Result of this tools call should be same as when proxy uses xml files above.  This would allow to check matches of rules offline, without making any calls.	Enhancement	Proxy
U C- 45 18	sipXbridge should support SRV record lookup for ITSP	An administrator would like to be able to subscribe or route calls to a series of SBC's that are located with SRV records.  Previously it was only possible to use an A record or IP address to connect to an ITSP or SBC.	Enhancement	sipXbridge