

# sipXcom 18.12

December 6, 2018

## Summary

eZuce is pleased to announce the General Availability of sipXcom 18.12.

**Important - Do not directly upgrade to 18.12 from any version before 18.04. The 18.04 upgrade must be completed first. Please read the release notes for 18.04 if you are not on 18.04 yet. Run a complete backup before upgrading.**

This is a relatively small update as we're continuing to work on CentOS 7 compatibility. We'll have a separate 18.12.CentOS7 release coming out shortly after 18.12 becomes available.

The one major new feature in this release is the added ability of users to be able to set their language preference in the New User Portal.

## Highlights

### sipXcom New Features:

- Allow user to choose language in UniteWeb

### sipXcom Improvements:

- 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. Full Release Notes with installation information are located here: [18.12 Release Notes](#)
2. Using the upgrade script used in 18.04 is recommended.

## Who Should Install?

This release is recommended for all 4.6 and later installations. If you have a patch installed to your system a new patch may be required.

New software releases are made at a rate of two to four releases a year. Releases are numbered in the <yy>.<mm>.<uu> format where <yy> and <mm> designate the year and the month, respectively, in which a release is made generally available. Where applicable, <uu> corresponds to an update release relative to a general release on which fixes are made available.

## Questions

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

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

## Specific Issues Addressed

| Jira #   | JIRA Name                               | RN Content  | Enhancement/Fix/Known Issue | Keywords |
|----------|---|---|-----------------------------|----------|
| SIPX-759 | Jitsi preferred transport velocity file | There is an error in the Jitsi velocity file with the Preferred_Transport parameter.<br><br>The correct parameter name in velocity file is:<br>PREFFERED_TRANSPORT -> PREFERRED_TRANSPORT | Fix                         | Jitsi    |

|                          |  |  |             |            |
|--------------------------|--|--|-------------|------------|
| SI<br>P<br>X-<br>7<br>74 | Add provisioning support for new Yealink T46S T48S ...       | Add support for newer Yealink S-Series.<br><br>Old phones are not available anymore (chips will not be produced anymore).  | Enhancement | Yealink    |
| SI<br>P<br>X-<br>7<br>75 | Upgrade fail2ban to v0.9.6                                   | 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:<br><br>2018-11-07 14:54:56.664 fail2ban.actions.action: ERROR iptables -D INPUT -p all -j security-block<br>iptables -F security-block<br>iptables -X security-block returned 100  | Enhancement | Fail2ban   |
| SI<br>P<br>X-<br>7<br>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         | TFTP       |
| SI<br>P<br>X-<br>7<br>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         | Logs       |
| SI<br>P<br>X-<br>7<br>78 | Grace period is not being read properly by registrar service | 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):<br><br>"2018-10-29T14:52:59.016784Z":13:SIP:INFO:18081.iuliu.test::7f57c70c9800:sipxregistry:"RegDB::ensureIndexes existing client: no, expireGracePeriod: 0, expirationTimeIndexTTL: 0"  | Fix         | Registrar  |
| UC<br>-4<br>7<br>61      | sipx-dbutil -r not working properly on 18.04 update 1        | sipx-dbutil -r is not working on 18.04 update 1, it only returns registrations on the primary.<br><br>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<br><br>client = pymongo.Connection('localhost', 27017)<br>in<br>client = pymongo.Connection('localhost', 27017, slaveOk=True)<br><br>To allow issuing on SIPXCONFIG master and Mongo PRIMARY or SECONDARY.<br><br><a href="https://ezuce.zendesk.com/agent/tickets/8020">https://ezuce.zendesk.com/agent/tickets/8020</a> | Fix         | Tools      |
| UC<br>-4<br>7<br>70      | Allow to listen moh and greeting file from user settings     | Show audio controls below 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 | Unit Web   |
| UC<br>-4<br>7<br>74      | Conferences are automatically saved in Inbox                 | Conferences should be saved in conference folder   | Fix         | Conference |
| UW<br>-4<br>08           | Add language support   | Add possibility to change language in user portal.   | Enhancement | Unit Web   |