

Project Release Bulletin

Project Name:	CompletePBX ver. 4.5.5 for Spark	Date:	23-Dec-2015
PID:	CXS1nnn	Number of Pages:	2

1. Overview

CompletePBX ver. 4.5.5 for Spark features improvements in stability and security, and various other minor changes.

2. Software Description

Name	Version	Notes
Debian/Kernel	Jessie/3.18.5.xor1-3	Changed
FreePBX	2.11	
Asterisk	11.19.0	
DAHDI	2.10.2	
libpri	1.4.15-1	
freepbx-module-zapauto	0.7.16	
Endpoint Manager	1.0.25	
Switchboard	2.27.2	
ccStats Lite (Statistics Reporting)	1.5	

3. Changes

- The system journal persistent storage has been disabled and the journal messages are kept in the RAM only. The change improves overall PBX performance.
- The MySQL storage engine has been changed to MyISAM for most of the tables. It significantly reduces the number of the Input/Output operations with the microSD card, prevents uncontrolled expansion of the MySQL InnoDB data file and improves the database

survivability.

- ODBC for CDR logging has been disabled to prevent the Asterisk crashes which sometimes occurred for a few specific scenarios during the CDR recording process.
- The Channel Event Logging (CEL) has been disabled in order to reduce the number of the Input/output operations with the microSD card, and also due to ODBC-related issues.
- All system packages have been updated to the currently available versions, including the OpenSSL-related packages that fix the CVE-2015-3194, CVE-2015-3195 and CVE-2015-3196 vulnerabilities.
- The “CPBX-Full” backup template is now pre-configured. This can be used by the PBX users as a reference for Spark-specific CompletePBX configuration backup. The Spark version of CompletePBX keeps most of the files in the /user/share/freepbx folder, which is not taken into account by any other built-in backup template.

4. Bug Fixes

- Routing Groups module.
 - The ‘+’ character at the beginning of the phone number is supported now.
 - The outbound routes with configured time group are handled properly now.
- Fax Master module. The cover page parameters are displayed correctly now on the Settings | Fax Configuration dialogue.

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