FreePBX 13.0

- General changes
- New functionality
- Changed functionality
- New Modules
- Deprecated modules/functionality
- Developer level changes
  - General
  - Deprecations
  - New functionality
  - List of Issues Fixed in 13.0

General changes

These changes reflect changes that are generic and may span across multiple modules.

- Visual updates conforming to Bootstrap
- Form buttons moved in to action bar and float on the page
- Moved rnav (right side navigation) to bootnav (bootstrap styled navigation)

New functionality

These changes reflect new functionality within existing modules

- Framework - CLI fwconsole, replaces amportal. fwconsole is a native PHP application, where as amportal was a bash/php hybrid
- Framework - Whoops error handler replaces white screens
- Framework - UTF8 support throughout FreePBX (New installs only). Older installs can upgrade to a UTF8 database manually
- Framework - Intelligent 404 pages when modules are in upgrade mode or disabled
- Framework - Localization throughout FreePBX including javascript files
- Core - Quick create extension dialog for quickly creating extensions without having to load the entire extension page
- Paging - Multicast paging
- Backup - Backup wizard for quick backup creation
- Time Conditions - Timezone support

Changed functionality

These changes reflect a change in behavior or functionality for modules.

- Framework - Make fwconsole chown (was amportal chown) less generic and hookable.
- Framework - Improve reload (apply changes) speed. Benchmark 2500 extensions took 15 minutes now takes 4.
- Sysadmin - Free features now require system registration and activation
- System Recordings - Multi language support
- System Recordings - Multi language support
- Call Recording Reports - HTML5 In browser playback
- Music on Hold - HTML5 In browser playback
- Find Me/Follow Me - Now resides inside of Extensions/Users when a new Extension or User is created
- Fax - Setting up a fax account now resides inside of User Manager
- User manager - LDAP sync support
- Voicemail - No longer uses vm_email.inc and vm_general.inc, these files have been merged into voicemail.conf and the includes have been removed

New Modules

These are new modules released as part of this release.

- Bulk handler - replaces bulk extensions and bulk dids adds support for contact manager and more modules in the future
- Sound Language - Manage multiple language sound files.
• CEL Reports module
• VPN Configuration module (Beta)

Deprecation modules/functionality
These are modules that are no longer officially supported or developed. They will likely break in future releases. Please note deprecation does not prevent security related updates

• Bulk extensions, replaced by bulk handler
• Bulk DIDs, replaced by bulk handler
• Camp on
• Framework - deprecate amportal, replace with fwconsole

Developer level changes
These changes are meant for people developing FreePBX modules.

General
• All modules should conform to the Uniformity Guidelines

Deprecations
• PEAR database functions, all database functions have been moved to use PDO.

New functionality
• Bootstrap tables for interactive tables.
• Javascript fpbxToast allows toast messages to presented to the user
• Ajax errors present Toast messages for better debugging
• PHP Strict checking turned up to force cleaner coding. This may cause whoops errors on things that use to work

List of Issues Fixed in 13.0

<table>
<thead>
<tr>
<th>Key</th>
<th>Summary</th>
<th>T Created</th>
<th>Updated</th>
<th>Due</th>
<th>Assignee</th>
<th>Reporter</th>
<th>P</th>
<th>Status</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREEPB</td>
<td>Let's Encrypt ACME v1 no longer working as of NOV 8 2019 - Breaking LE Cert Creation and Renewal</td>
<td>02 Nov, 2019</td>
<td>10 Jan, 2020</td>
<td></td>
<td>Philip Joseph</td>
<td>Brian Martin</td>
<td></td>
<td>Closed</td>
<td>Fixed</td>
</tr>
<tr>
<td>X-20719</td>
<td>Dynamic Agents with comma character in name show as (Invalid) in queues</td>
<td>11 Oct, 2019</td>
<td>22 Oct, 2019</td>
<td></td>
<td>Frank Danard</td>
<td>Lorne Gaetz</td>
<td></td>
<td>Closed</td>
<td>Fixed</td>
</tr>
<tr>
<td>X-20634</td>
<td>XSS in Superfecta.class.php</td>
<td>14 Sep, 2019</td>
<td>09 Jan, 2020</td>
<td></td>
<td>Frank Danard</td>
<td>respect</td>
<td></td>
<td>Closed</td>
<td>Fixed</td>
</tr>
<tr>
<td>X-20557</td>
<td>Misc destination module not working correctly</td>
<td>17 Jul, 2019</td>
<td>18 Jul, 2019</td>
<td></td>
<td>Frank Danard</td>
<td>Franck Danard</td>
<td></td>
<td>Resolved</td>
<td>Fixed</td>
</tr>
<tr>
<td>X-20263</td>
<td>Some bugs happen with Oracle Connector</td>
<td>17 Jun, 2019</td>
<td>27 Jun, 2019</td>
<td></td>
<td>Frank Danard</td>
<td>mdKing</td>
<td></td>
<td>Closed</td>
<td>Fixed</td>
</tr>
<tr>
<td>X-20123</td>
<td>Problems with enabling &quot;Append Hostname&quot; in Logfile Settings</td>
<td>17 May, 2019</td>
<td>23 May, 2019</td>
<td></td>
<td>Frank Danard</td>
<td>Lorne Gaetz</td>
<td></td>
<td>Closed</td>
<td>Fixed</td>
</tr>
<tr>
<td>X-19982</td>
<td>Need to add return option to Directories under IVR module.</td>
<td>10 May, 2019</td>
<td>09 Sep, 2019</td>
<td></td>
<td>Frank Danard</td>
<td>Sandesh Prakash</td>
<td></td>
<td>Closed</td>
<td>Fixed</td>
</tr>
<tr>
<td>Issue</td>
<td>Description</td>
<td>Created</td>
<td>Updated</td>
<td>Assigned To</td>
<td>Closed By</td>
<td>Status</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>---------</td>
<td>---------</td>
<td>-------------</td>
<td>-----------</td>
<td>--------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FREEPB X-19953</td>
<td>Editing the language code of the custom language is not updating in the backend.</td>
<td>09 May, 2019</td>
<td>17 May, 2019</td>
<td>Philip Joseph</td>
<td>Sandesh Prakash</td>
<td>Fixed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FREEPB X-19831</td>
<td>asterisk-version-switch leads to segmentation fault due to old modules</td>
<td>18 Apr, 2019</td>
<td>06 Sep, 2019</td>
<td>Andrew Nagy</td>
<td>Dominic Parisi</td>
<td>Fixed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FREEPB X-19776</td>
<td>AMD Error on reload</td>
<td>09 Apr, 2019</td>
<td>11 Apr, 2019</td>
<td>Andrew Nagy</td>
<td>Andrew Nagy</td>
<td>Fixed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FREEPB X-19749</td>
<td>Adding/Editing the CallerID entry is not refreshing the page.</td>
<td>04 Apr, 2019</td>
<td>17 May, 2019</td>
<td>Kapil Gupta</td>
<td>Sandesh Prakash</td>
<td>Fixed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FREEPB X-19652</td>
<td>Firewall Networks Database Errors</td>
<td>16 Mar, 2019</td>
<td>17 May, 2019</td>
<td>Andrew Nagy</td>
<td>Chris Kinsey</td>
<td>Fixed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FREEPB X-19630</td>
<td>Add MOH Custom streaming fails with SQL error</td>
<td>12 Mar, 2019</td>
<td>18 Mar, 2019</td>
<td>Andrew Nagy</td>
<td>jasb</td>
<td>Third Party Issue</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FREEPB X-19626</td>
<td>Missing match informations in default pjsip.identify.conf</td>
<td>12 Mar, 2019</td>
<td>10 Sep, 2019</td>
<td>Andrew Nagy</td>
<td>Stell0</td>
<td>Fixed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FREEPB X-19620</td>
<td>gpg keys refresh failed - outdated keyserver list</td>
<td>11 Mar, 2019</td>
<td>12 Sep, 2019</td>
<td>Andrew Nagy</td>
<td>Oleg Gawriloff</td>
<td>Fixed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FREEPB X-19614</td>
<td>List Rooms does not show the list if the customer's name includes a quotation mark.</td>
<td>08 Mar, 2019</td>
<td>14 Jun, 2019</td>
<td>Franck Danard</td>
<td>Franck Danard</td>
<td>Fixed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FREEPB X-19539</td>
<td>cxpanel SQL Error</td>
<td>24 Feb, 2019</td>
<td>11 Jul, 2019</td>
<td>James Finstrom</td>
<td>Rob Thomas</td>
<td>Fixed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FREEPB X-19530</td>
<td>Error Upgrading PM2 Module</td>
<td>22 Feb, 2019</td>
<td>24 May, 2019</td>
<td>Andrew Nagy</td>
<td>RonR</td>
<td>Fixed</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Showing 20 out of 2073 issues