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
- System Recordings - HTML5 in browser playback
- 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
- Usermanager - 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)

**Deprecated 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>U Pdated</th>
<th>D ue</th>
<th>Ass ignee</th>
<th>Rep orter</th>
<th>P</th>
<th>S tatus</th>
<th>R esolution</th>
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</thead>
<tbody>
<tr>
<td>FREEPBX-21437</td>
<td>High CPU with email notifications for Outbound Routes</td>
<td>21 Apr , 2020</td>
<td>27 Apr , 2020</td>
<td>Walter Moon</td>
<td>sr377</td>
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<td>FREEPBX-21382</td>
<td>Alert-Info header unconfigurably passed through to trunk when forwarding</td>
<td>06 Apr , 2020</td>
<td>06 May , 2020</td>
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<td>Let's Encrypt ACMEv1 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>
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<td>Brian Martin</td>
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<td>Dynamic Agents with comma character in name show as (Invalid) in queues</td>
<td>11 Oct , 2019</td>
<td>22 Oct , 2019</td>
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<td>Lorne Gaetz</td>
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<td>XSS in Superfecta.class.php</td>
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<td>09 Jan , 2020</td>
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<td>18 Jul , 2019</td>
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<td>Issue</td>
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<td>X-19982</td>
<td>Problems with enabling &quot;Append Hostname&quot; in Logfile Settings</td>
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<td>17 May, 2019</td>
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<td>X-19957</td>
<td>Need to add return option to Directories under IVR module.</td>
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<td>X-19953</td>
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<td>X-19652</td>
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Showing 20 out of 2075 issues