



Changelog and Release notes

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Introduction

Changelog and Release notes in this document are meant to be a reference point for those who update KalliopePBX firmware. The Changelog of each firmware release includes new features and bug fixes, while the Release notes are intended to guide the system administrator in the update process and deals with critical aspects, such as:

- changes to previous KalliopePBX behaviour
- new features that must be configured prior to the first use
- parameters that need to be manually restored since it is not possible to migrate them during the firmware update.

Please pay attention to the content of this document and refer to Release notes before updating KalliopePBX firmware.

Technology Release vs Maintenance Release

Starting from January 2015, new firmware releases are tagged as Maintenance Release or Technology Release.

Maintenance Release (MR): it includes the latest bug fixes, the last version of the series can be considered “stable” and it is recommended as standard production firmware. New versions of MR are released when new bugs are found and they won’t include any new feature.

Technology Release (TR): it includes new features and the bug fixes of the latest Maintenance Release available. These firmware versions are largely tested in our labs, nevertheless there is a higher chance to find new bugs mostly due to the new features. These firmware releases are recommended only when the new features introduced are needed.

The latest firmware versions available for download are:

- Maintenance Release:
 - Series 3.10: rel. 3.10.5
 - Series 3.11: rel. 3.11.1
- Technology Release:
 - Series 3.12: rel. 3.12.0

New MR are released when new bugs are found; such bug fixes will be included in the following TR with the new features developed.

Here below the timeline of the latest firmware releases:

Data	Release	Note
15.12.2014	3.10.0	
27.01.2015	3.10.2	bugfix series 3.10
15.02.2015	3.11.0	TR -include bug fixes up to rel. 3.10.2
22.02.2015	3.10.3	MR (bugfix series 3.10)
30.03.2015	3.10.4	MR (bugfix series 3.10)
08.05.2015	3.10.5	MR (bugfix series 3.10)
08.05.2015	3.11.1	MR (bugfix series 3.11) - include bug fixes up to 3.10.5 and prev.
08.05.2015	3.12.0	TR - include bug fixes up to 3.10.5 and prev.

As usual, it is only possible to update the running firmware to a higher version. A lower firmware version can be installed only if it is stored as KalliopePBX secondary firmware.

Please note that restoring the secondary firmware (in case of downgrade) the PBX will restore the configuration running at the moment of the previous firmware update.

Series 3.12

3.12.0 (TR - 08-05-2015)

Release Notes

TR 3.12.0 does not include changes to the previous KalliopePBX behaviour. For a detailed description of the new features please see the updated Administration Manual available on our website. Here below a short description of the new features included in this firmware release.

The most important feature introduced with this release permits to define, for each extension, several SIP devices (each with its credentials) that behave as secondary terminals of the main identity. The outbound calls placed by each of these devices always show the number of the main identity; in the same way, incoming calls are distributed to all the devices in “ringall” mode. Moreover, it is possible to set a “busy level” to the main identity, when this limit is reached (over all the configured devices) the extension will be busy for further incoming calls. The extension BLF status takes into consideration all the devices associated to such extension, that is, if the user is engaged in a conversation on one of the devices, his BLF status will be “busy”.

Other new features include: the possibility to create a new extension cloning the configuration of an existing one (acquiring failover actions, LCR classes, etc.); the possibility to define an extension as conference room admin so to assign him the permissions to edit the conference room settings.

Changelog - Features

- [Issue 2092] **General:** added the possibility to create a new extension cloning the configuration of an existing one
- [Issue 2076] Added the option to send # character in SIP URI as %23 escape sequence
- [Issue 2146] **Provisioning:** SNOM 725 now supported
- [Issue 2136] Added the possibility to customize the default action in the numbering plan when the selection does not correspond to any explicit rule
- [Issue 2128] Added the possibility to enable TCP transport as preferential for each peer (domain, VoIP trunk and termination and gateway)
- [Issue 2131] Added the possibility to disable for each peer (domain, VoIP trunk and termination) the observance of the indication received in the header RPID and PAI

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- [Issue 2095] Added form validation to allow # e * character in addition to 0-9 digits
 - [Issue 2129] Added the possibility to remote control Yealink devices using the application KalliopeCTI Pro thanks to the integration of native Yealink APIs
 - [Issue 2187] Introduced private conference rooms, manageable by normal extensions
 - [Issue 2118] Added the possibility to assign secondary terminals to the extensions

Changelog -Bugfix

- [Issue 2150] Fixed a bug that prevented the saving of changes applied to the fields Organization and Unit

TR 3.12.0 contains the bug fixes included in the previous releases (up to firmware version 3.11.1)

Series 3.11

3.11.1 (MR - 08-05-2015)

Changelog -Bugfix

[Issue 2150] Fixed a bug that prevented the saving of changes applied to the fields Organization and Unit

MR 3.11.1 contains the bug fixes included in the previous releases (up to firmware version 3.10.3, 3.10.4 and 3.10.5).

3.11.0 (TR - 15-02-2015)

Release Notes

TR 3.11.0 does not include changes to the previous KalliopePBX behaviour. For a detailed description of the new features please see the updated Administration Manual available on our website. Here below a short description of the new features included in this firmware release.

This firmware release adds the audio supervision function (available in spy, whisper and barge mode) to the features included in the optional Call Center module. The function must be enabled and an activation code must be defined; the audio supervision function can be used by the Supervisor users. Moreover, it is possible to change the supervision mode (using the keys 4, 5 and 6) choosing between:

- Key 4: spy mode (nor the Operator or the caller can hear the Supervisor) - this is the default mode when launching the supervision
- Key 5: whisper mode (only the Operator can hear what the Supervisor says)
- Key 6: barge mode (both, the Operator and the caller can hear what the Supervisor says)

When the Supervisor starts monitoring the Operator, a customizable alert will be reproduced.

Other new features include: the storage of a log of events related to the PBX (such as KalliopeCTI login/logoff, enable/disable pause status on a waiting queue, add/remove a

dynamic operator to a queue, start/stop audio supervision) and improvement to the provisioning engine (new models and new placeholder are now supported).

Changelog - Features

- [Issue 1995] **General:** added a log of events related to the PBX (CTI: login/logoff, CALL CENTER: enable/disable pause and add/remove dynamic operator, start/stop audio supervision) accesible via web GUI and exportable through API REST
- [Issue 2054] **Provisioning:** Avaya 1120E e 1140E are now supported
- [Issue 2055] **Provisioning:** added new placeholder %KP_GIVENNAME% and %KP_SURNAME% to configure the telephone display with user Name or Surname. For Yealink devices it is now possible to use the placeholder %KP_...% and %YLKEY_...%
- [Issue 2057] **Call Center:** added audio supervision function (Spy/Whisper/Barge)

Series 3.10

3.10.5 (MR - 08-05-2015)

Changelog -Bugfix

- [Issue 2200] Calls with call completion were not saved in the CallCenter CDR
- [Issue 2171] Calls with failover actions were not saved in the CallCenter CDR
- [Issue 2170] Error in the recognition of the external API outcome

3.10.4 (MR - 30-04-2015)

Changelog -Bugfix

- [Issue 2110] Editing of VoIP termination traffic profile not working
- [Issue 2133] Failover action for call groups and waiting queues not working
- [Issue 2149] **Rest-API:** Users/brief API returns blank name field and disabled status
- [Issue 2144] FastXfer from extension to mobile not working
- [Issue 2145] Fixed the behaviour of the authentication flag for incoming calls from gateways, which was inverted

3.10.3 (MR del 22-02-2015)

NOTE: the following bugs are also present in firmware release 3.11.0, the fixes will be included in the firmware release 3.11.1

Changelog -Bugfix

- [Issue 2094] Traces file capture not working after updating to release 3.10.1/3.10.2 (only for models KPBX-LITE, KPBX-MINI and KPBX-V3; KPBX-V3-R and virtual machines KPBX-V3-ESX are excluded)
- [Issue 2086] IVR page not working in case of selections that brings to deleted users

3.10.2 (MR - 27-01-2015)

Changelog - Bugfix

- [Issue 2058] Callback not working when the selection is “any”
- [Issue 2059] **Call Center:** operator status persistency (pause and dynamic operators) not working after reboot
- [Issue 2063] **High Availability:** Fixed settings related to the source IP address of the synchronization messages from primary node to backup one
- [Issue 2065] **High Availability:** Fixed settings related to the source IP address used towards the configured static routes, in case of synchronization via an interface different from eth0
- [Issue 2068] Call directed to call group “Default” were hung up

3.10.1 (MR - 15-12-2014)

Changelog - Bugfix

- [Issue 2056] Hold on music not working with firmware version 3.10.0 (revision 3001 or higher)

3.10.0 (TR - 15-12-2014)

TR 3.10.0 includes minor bug fixes and a set of new features dedicated to the optional CallCenter module. These improvements allow to manage in a better way (thanks to a Supervisor Panel) the pause/active status and dynamic operators (with persistency after reboot).

Changelog - Features

- [Issue 2005] Improvement to the application “external API” to manage multiple values (not only 0 and 1) and play to the caller audio messages resulting from the API
- [Issue 2012] Added the possibility to edit the field “domain” in the From: also for the REGISTER
- [Issue 2025] Added the support for the placeholder %KP_MAC% and %KP_MACADDRESS% in the Snom phones template, sostituted with the device MAC address
- [Issue 1994] **Call Center:** Added the possibility to pause a specific operator on a specific waiting queue
- [Issue 2006] **Call Center:** Added the possibility to dynamically add operators to existing queues, using the application “Kalliope Supervisor Panel”
- [Issue 2007] **Call Center:** Added the function “Automatic callback on busy operators”

[Issue 2008] **Call Center:** Application “Kalliope Supervisor Panel” is now supported

Changelog - Bugfix:

- [Issue 1768] Pairing between the two nodes of the FO cluster not working
- [Issue 2029] Deleted remote users were still visible (only for the client KalliopeCTI)
- [Issue 2030] Fixed the flags “attach message” and “delete message” when configuring the voice mailbox
- [Issue 2035] Fixed a bug that did not allow to edit the caller number for outbound VoIP trunks calls
- [Issue 2039] Fixed random on hold music playback when no class is configured as default
- [Issue 2040] Failover actions not working with checktime integrated in call groups or waiting queues
- [Issue 2049] Fixed a bug that prevented to save changes to the gateway DID configuration when more than 70 DIDs are configured
- [Issue 2050] Fixed a problem for which the system did not correctly initialize KCTI/Web username when creating new extensions

Changelog - Misc:

- [Issue 2010] Fixed the visualization of disabled DIDs in the gateway configuration tab
- [Issue 2018] Provisioning data are now included in system configuration backup