

**i** Update repository: rel50beta

In case of automatic upgrade, make sure to specify the current repository.

Link for sharing: <https://confluence.wildix.com/x/foAJB>



**!** Requirements:

- Min. supported version from which upgrade is possible: 4.03.44606.45 (<https://www.wildix.com/new-releases-and-updates/>)
- custom certificates are accepted only with signature algorithm not lower than SHA256

**!** Basic Authentication API access is disabled for the admin user (API documentation: [https://<pbx\\_host>/api/v1/doc/#section/Authentication](https://<pbx_host>/api/v1/doc/#section/Authentication))

Admin users can apply PHP HTTP client library for S2S authentication: <https://github.com/Wildix/s2s-client-php>

## WMS Beta Hotfix Date: 20.10.2020

**Additional package: sipproxy package 5.3.6-5.02.20201020.1**

### Fix

[WMS-9973] - sys: fixed shared memory leak in SIP proxy package introduced in WMS v. 5.02.20201015.2 (previous beta)

## WMS Beta 5.02.20201015.2 Date: 16.10.2020

### New Features

[WMS-7551] - sys: added support for online streaming of mp3 http/ https sources as music on hold

*How-to:*

- Add the following parameter to the config file `/rw2/etc/callweaver/musiconhold-stream.conf`:

```
[radio]
mode=custom
application=/usr/sbin/cw_play_http_stream.sh http://stream.104.6rtl.com/rtl-live/mp3-192
```

where `"http://stream.104.6rtl.com/rtl-live/mp3-192"` is your stream source:

- Run the command:

```
rcallweaver -rx "moh reload"
```

- Add Dialplan application `"Set -> Music on hold -> radio"`

[WMS-8152] - wms: added support for client to server authorization for using API on a PBX (oAuth2)

- Note: According to [rfc6749 section 4.2](#)

[WMS-8494] - col: added support for two-way SMS messaging via CLASSSOUND service in Collaboration

- Documentation: <https://confluence.wildix.com/x/OISEB>

[WMS-8508] - sys: implemented encryption of Remote syslog server & PBXs connection to Wildix logging server (s)

- Note: RELP protocol implemented for default debug logging

[WMS-9012] - sys: added support for W-AIR Small Business Base R2

[WMS-9331] - sys: added system sounds in Swedish language

[WMS-9822] - col: added possibility to integrate custom HTML code to Collaboration by using Google Tag Manager

*How to implement:*

- Connect to PBX via SSH as root
- Create a new config file `"template.conf"` including GTM ID, for example, use the command:

```
echo 'gtm=GTM-12345678' > template.conf
```

where `"123445678"` is GTM ID

- After implementation, the following sections appear in the code:
  1. after the `<HEAD>` section

```
<!-- Google Tag Manager -->
<script>(function(w,d,s,l,i){w[l]=w[l]||[];w[l].push({'gtm.start':
new Date().getTime(),event:'gtm.js'});var f=d.getElementsByTagName(s)[0],
j=d.createElement(s),dl=l!='dataLayer'?'&l='+l:'';j.async=true;j.src=
'https://www.googletagmanager.com/gtm.js?id='+i+dl;f.parentNode.insertBefore(j,f);
})(window,document,'script','dataLayer','GTM-XXXX');</script>
<!-- End Google Tag Manager -->
```

## 2. after the <BODY> section:

```
<!-- Google Tag Manager (noscript) -->
<noscript><iframe src="https://www.googletagmanager.com/ns.html?id=GTM-XXXX"
height="0" width="0" style="display:none;visibility:hidden"></iframe></noscript>
<!-- End Google Tag Manager (noscript) -->
```

## Improvements

[WMS-6719] - sys: added 03, 030, 0345 prefixes to "National" and 084 prefix to "Premium" call classes for the UK to improve call class recognition and for the correct management of ACL permissions

[WMS-6761] - sys: implemented possibility to view missed calls notifications for all Call group members

- Documentation: <https://confluence.wildix.com/x/BAA8AQ>

[WMS-8243] - dev: added support for STRP on W02FXS r3 and W04FXS r3

[WMS-8447] - wms: optimized the option to configure/ sync device (WMS -> Devices) for systems with large amount of devices

[WMS-8513] - sys: improved security related to SIP subscriptions

[WMS-8775] - wizzy: improved the management of calendar events for recurrent video conferences

- *if user selects a specific day of the week for recurrent events, it is selected automatically for all following events*
- *user is not able to unselect all days for weekly recurrent events*
- *recurrent events by default are set to "Ends" "Never"*

[WMS-9073] - wms: improved the logic of repository selection during auto-update

[WMS-9177] - sys: deprecated the functionality of logging in to another PBX different from LDAP using FC "Login" 99

[WMS-9248] - wms: refactoring of Call groups page in WMS -> Dialplan

[WMS-9251] - wms: refactoring of Paging Groups page in WMS -> Dialplan

[WMS-9252] - wms: refactoring of Timetable/ Switch page in WMS -> Dialplan

[WMS-9253] - wms: refactoring of Feature codes page in WMS -> Dialplan

[WMS-9254] - wms: refactoring of General Settings page in WMS -> Dialplan

[WMS-9255] - api: IVR improvements:

1. Refactoring of IVR page in WMS -> Dialplan
2. Implementation API for Dialplan IVR:
  - GET /api/v1/Dialplans/Ivr/ Return list of all available IVR on the PBX
  - POST /api/v1/Dialplans/Ivr/ Add new IVR
  - PUT /api/v1/Dialplans/Ivr/{id}/ Update IVR
  - DEL /api/v1/Dialplans/Ivr/{id}/ Remove IVR by id

[WMS-9257] - wms: refactoring of Generate trace page in WMS Settings -> Tools and utilities

[WMS-9261] - wms: refactoring of Remote syslog page in WMS Settings -> System

[WMS-9466] - col: the option "Send SMS" is no longer available from the top menu (under +) if restricted by ACL

[WMS-9601] - api: implemented API for DTMF

- Available API endpoint: POST /api/v1/Calls/:channel/Dtmf

[WMS-9642] - wms: implemented API for Dialplan General Settings

- Available API endpoints:
  - GET /api/v1/Dialplan/GeneralSettings/ Return list of all available dialplan general settings on the PBX
  - PUT /api/v1/Dialplan/GeneralSettings/ Update list of all available dialplan general settings on the PBX

[WMS-9647] - col: improvements for Video Conference dialog in Collaboration:

- improved design
- removed "Screen sharing" icon
- changed the position of "Calendar" icon
- "Edit", "Exit", "Delete" icons are now hidden, hover mouse over a particular conference to display them

[WMS-9664] - sys: added full support for static Call groups monitoring via WebAPI Wallboard

- Previously, after adding a new CG member, the list of incoming calls disappeared from Wallboard. Now all the relevant data about queues is correctly displayed.

[WMS-9737] - sys: added possibility to block sharing geolocation on PBX

How to implement:

- Edit the file /etc/ejabberd/ejabberd\_mod\_wildix\_presence.yml by modifying the parameter `allow_location` and set it to `false`:

```
allow_location=false
```

- Restart the server:

```
/etc/init.d/ejabberd restart
```

Notes:

- Specifically, this option can be used to block geolocation on Vision/ SuperVision phones

- *Users in Collaboration can still view their own status*
- *If geolocation is blocked only on PBX A and not blocked on PBX B in WMS Network, users from PBX A are still able to view geolocation of PBX B users*

[WMS-9786] - wms: added possibility to set >255 Timetables, Switches and 3 State Switches

## Fixes

[WMS-6925] - col: fixed an issue with an original caller name being displayed in CDR-View instead of a modified one for trunk calls if Dialplan application "Set -> Caller name" was used

[WMS-7461] - col: fixed an issue with dates being displayed incorrectly in CDR-View if PBX timezone differed from a browser timezone

[WMS-8127] - sys: fixed an issue when provisioning failed in case time zones selected in WMS Settings -> Language & region contained slash symbol

[WMS-8169] - wms: fixed an issue with impossibility to enable HTTP proxy client for remote support

[WMS-8601] - col: fixed an issue with the total count of calls, faxes and voicemails being not displayed in CDR-View

[WMS-8765] - sys: fixed an issue with Fax postpone delivery in Collaboration being nonfunctioning

- *Note: Postpone time must be set in PBX time zone.*

[WMS-8890] - wms: fixed an issue when a user with ACL "Cannot - Share status via Kite" couldn't modify presence of other users

[WMS-8987] - wms: fixed an issue in which it was impossible to view imported price lists in WMS -> Trunks

[WMS-9040] - col: fixed an issue with "Save" button not being visible in video conference dialog on laptops with 11" displays

[WMS-9115] - col: fixed behavior of "grouping by week" filter in CDR-View

[WMS-9138] - sys: fixed an issue with wrong billing calculation for calls through WMS Network

[WMS-9269] - sys: fixed infinite logging loop when using web terminal

[WMS-9364] - col: minor fixes for one-to-one and group chats

[WMS-9443] - col: fixed an issue with "Remove" and "Add" options being not displayed for contacts located at the bottom of the page in Collaboration -> Phonebooks

[WMS-9447] - sys: fixed an issue in which Presence server exceeded the limit of connections to DB on Cloud PBXs

[WMS-9507] - sys: fixed an issue in which a user who didn't have any associated Diaplan procedure couldn't make a call from Collaboration because Web phone wasn't available in the list of devices

[WMS-9705] - app: fixed an issue on macos in which fax printer couldn't be installed without "pdf services" directory

[WMS-9825] - app: WIService v. 3.0.6 and Fax printer v. 4.1.2 (macOS) fix an issue with fax sending delay

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[WMS-9835] - sys: fixed an issue when it was impossible to play back a call recording if Dialplan procedure used to manage the call contained 2 or more Dialplan applications "Record call"

[WMS-9868] - wms: fixed an issue with STT service not working in case any PBX user name contained combination of an apostrophe (') and a hyphen (-) symbols

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## WMS Beta 5.01.20201006.1 Date: 09.10.2020

**Additional packages: wildix sipproxy 5.2.5-5.01.20201008.1 wildixfxs2 5.01.20201009.1**

### Fixes

[WMS-9852] - sys: fixed an issue with incorrect behaviour of presence status monitoring feature on WP phones when BLF keys stopped displaying presence statuses of monitored users

[WMS-9921] - sys: fixed an issue with failed FXS/ FXO media gateways upgrade due to the empty firmwares. json file on PBX

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## WMS Beta 5.01.20201006.1 Date: 07.10.2020

### Improvement

[WMS-8043] - sys: enabled by default daily auto upgrade for newly created systems

Important: The change will become valid only for new PBXs created after 15.10.2020.

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## WMS Beta 5.01.20201002.1 Date: 02.10.2020

### New Feature

[WMS-6512] - dev: new firmware for WelcomeConsole v. 68.145.2.28

1. Added support for Jabra, Plantronics (Poly), Sennheiser popular USB headsets:

- WHS-BT (with Jabra LINK dongles)
  - Jabra Engage 50
  - Jabra Engage 65
  - Jabra Engage 75
  - Jabra Evolve (ENC010)
  - Jabra Pro 935
  - Jabra Speak 710 (with Jabra LINK 370 dongle)
  - Plantronics Blackwire 3220
  - Plantronics Voyager 5200 (with Plantronics BT600 dongle)
  - Plantronics Savi 8210T
  - Plantronics Savi 8220T
  - Plantronics Voyager Focus UC
  - Sennheiser BTD 800 (BT & Wire)
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- Sennheiser D10 (DW Pro 2)
- Sennheiser SC 160 USB
- Sennheiser SC 1x5
- Sennheiser SC 660 ANC
- Sennheiser SC 660 Control

2. Added support for LED indication of presence and call statuses on Mono / DuoLED Headsets

### Improvement

[WMS-9816] - api: security improvements for Zoho integration

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## WMS Beta 5.01.20200928.1 Date: 29.09.2020

### Fixes

[WMS-8184] - col: fixed an issue with popup notifications being not displayed for BLF key "Call group" with disabled "Audio notification" option

[WMS-9703] - sys: fixed an issue in which "migrate2cloud" script failed to migrate chats and CDR data from SQLite DB

[WMS-9847] - sys: fixed one way audio issue after answering a call in Collaboration with enabled mobility

### New Firmware

*New firmware for W04FXO r3 v. 27811011*

[WMS-9672] - dev: W04FXO r3 performance optimization

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## WMS Beta 5.01.20200925.1 Date: 25.09.2020

### Fix

[WMS-9442] - dev: new firmware for WorkForce v. 65.145.4.1:

- fixed an issue in which dial and ringback tones didn't change after applying Default Tone Zone settings
  - fixed an issue with incorrect audio notification being played instead of a standard BLF audio notification
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## WMS Beta 5.01.20200921.1 Date: 22.09.2020

### Improvement

[WMS-9790] - wms: major security fixes

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## WMS Beta 5.01.20200914.1 Date: 17.09.2020

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**Additional packages: wildix sipproxy 5.2.5-5.01.20200917.1 ejabberd 19.02-5.01.20200916.1**

#### Fix

[WMS-9612] - sys: fixed no audio issue for calls between 2 PBXs in WMS Network located in 2 different routable LAN networks

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## WMS Beta 5.01.20200914.1 Date: 14.09.2020

#### New Feature

[WMS-9727] - col: improvements for customer feedback option in Collaboration

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## WMS Beta 5.01.20200902.2 Date: 09.09.2020

**Additional package: wildix cw package 5.01.20200909.1**

#### Fix

[WMS-9641] - col: fixed an issue with "Conference", "Recording" and "Transfer" buttons being unavailable for calls in Collaboration when calling via Diaplan application "Call through remote PBX"

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## WMS Beta 5.01.20200902.2 Date: 03.09.2020

#### Fix

[WMS-9636] - sys: fixed an issue with double authentication when connecting to WebAPI using Chrome browser v. 80 due to disabled support of cross-site cookies

Limitation: the issue still might be present when using Incognito Mode (by default, it blocks third-party cookies). You can change this behaviour (allow all cookies) in <chrome://settings/cookies>.

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## Wildix firmware package 5.01.20200721.1 Date: 01.09.2020

#### New Firmware

*New W-AIR firmware version 0501b001 for W-AIR bases and 0501b002 for W-AIR Handsets.*

[WMS-9321] - dev: fixed an issue in which "Lone Worker" alarms were still active after setting "No movement profile" alarm during handset charge

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## WMS Beta 5.01.20200827.1 Date: 28.08.2020

#### Fix



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[WMS-9603] - sys: fixed one way media issue for a callee after answering a call in Collaboration with enabled mobility

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## WMS Beta 5.01.20200826.1 Date: 26.08.2020

### Fix

[WMS-9185] - sys: additional fix for the issue in which WP phones connected to HW/ VM PBX couldn't get firmware after upgrading to WMS 5.0 (initial ticket WMS-9154)

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## WMS Beta 5.01.20200820.1 Date: 20.08.2020

### New Feature

[WMS-9325] - wms: added possibility to access storages and ntp server menus before pbx activation

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## WMS Beta Hotfix Date: 19.08.2020

**Additional packages: sipprox package 5.2.5-5.01.20200818.1 wildix-base package 5.01.20200818.1**

### Improvement

[WMS-9462] - sys: performance tuning for 1GB PBX instances in order to prevent lack of memory

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## WMS Beta Hotfix Date: 18.08.2020

**Additional packages: sipprox package 5.2.5-5.01.20200817.1 wildix-cw package 5.01.20200818.1**

### Fixes

[WMS-9542] - sys: fixed no video issue from Dahua doorphones after upgrading PBX to WMS 4.04

[WMS-9586] - sys: fixed periodic PBX engine crash during playback of sound files

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## WMS Beta 5.01.20200814.1 Date: 14.08.2020

### Fix

[WMS-9519] - sys: fixed an issue with audio in some cases for calls in wms network after upgrade to 4.04

Issue reproduced in case caller used a device provisioned for using wideband codecs but without support for Opus (e.g a W-AIR user on one PBX calling a WP user on another PBX in WMS network)

### New Firmware

*New firmware for Wp480gr3 v. 63.145.10.22.rom WorkForce v. 65.145.2.15 Wp490gr3 v. 67.145.8.94 WelcomeConsole v. 68.145.2.26*

[WMS-9397] - dev: fixes and improvements for srtp lock icon on wp phones

Fixed position and changed color of srtp lock icon (from red to green)

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## WMS Beta Hotfix Date: 12.08.2020

### New Firmware

*New firmware for WorkForce v. 65.145.2.14.rom*

[WMS-8931] - dev: fixed an issue with no ringback tone on usb headset connected to workforce phone

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## WMS Beta 5.01.20200810.3 Date: 11.08.2020

### New Feature

[WMS-9539] - col: added support for danish language

### Fix

[WMS-9527] - sys: fixed an issue in which automatic sync of devices wasn't performed after pbx upgrade

issue introduced in WMS v. 5.01.20200612.2

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## WMS Beta Hotfix Date: 4.08.2020

**Additional packages: provision package 5.01.20200804.1 dialplan package 5.01.20200804.1 lua-base package 5.01.20200804.1 base package 5.01.20200804.1**

### Fixes

[WMS-7345] - sys: fixed an issue with outgoing fax queue being blocked after the first unsuccessful attempt

[WMS-9490] - sys: fixed an issue in which paging stopped working after PBX reboot

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## WMS Beta 5.01.20200730.1 Date: 31.07.2020

### Fix

[WMS-9441] - wms: fixed several Dialplan issues in which:

- Dialplan procedure containing "Jump to if" application was saved incorrectly
  - it was impossible to save Dialplan procedure after removing an application that previously contained an error
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**New Firmware**

New firmware for WP480G r3 v. 63.145.10.21, WP490G r3 v. 67.145.8.93, WorkForce v. 65.145.2.10, WelcomeConsole v. 68.145.2.25

[WMS-9419] - dev: fixed an issue in which incoming concurrent calls were routed only to BLF key "Line 1"

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**Wildix ejabberd package 5.01.20200724.1 Date: 27.07.2020****Fix**

[WMS-9384] - sys: fixed an issue with Collaboration freezing under high load

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**Wildix cw package 5.01.20200724.1 Date: 24.07.2020****Fix**

[WMS-9140] - wms: fixed an issue in which a Call group member who changed user status to "DND" while being paused for wrap up time or auto pause on no answer, still received Call group calls

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**Wildix firmware package 5.01.20200717.1 Date: 20.07.2020****New Firmware**

*New firmware for WorkForce v. 65.145.2.7*

[WMS-9314] - dev: WorkForce improvements:

- added support for LED indication of presence and call statuses on MonoLED and DuoLED Headsets
  - fixed an issue in which WorkForce failed to get DNS settings if Secondary DNS server was set via DHCP
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**WMS Beta 5.01.20200716.1 Date: 17.07.2020****Fixes**

[WMS-7932] - wms: fixed an issue in which import of user from active directory failed if email address contained generic top-level domains

[WMS-8694] - sys: fixed an issue in which pbx engine couldn't access cdr database if mssql backend was used with a non-standard port (not 1433)

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**WMS Beta Version 5.01.20200709.1 Date: 09.07.2020****Hotfix**

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[WMS-9324] - sys: fixed an issue with PBX engine crash that was caused by corrupted CDR DB tables

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## WMS Beta 5.01.20200625.1 Date: 25.06.2020

### Improvement

[WMS-9068] - col: fixed an issue in which user avatars disappeared after zooming in/ out Colleagues page in Collaboration

### Fix

[WMS-9285] - wms: fixed an issue with incorrect {rand} parameter being added to "Verify number of calls" and "Trunk Group" Dialplan applications if editing via "Developer" option

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## WMS Beta 5.01.20200622.1 Date: 23.06.2020

### Fixes

[WMS-9183] - wms: fixed an issue when it was impossible to save any changes on FAX/SMS server page if PBX was in WMS network

[WMS-9272] - sys: fixed a rare issue in which calls in progress via trunk crashed if debug level was set >3

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## WMS Beta 5.01.20200619.1 Date: 19.06.2020

### Fixes

[WMS-8990] - col: increased the max number of CDR-View exported records up to 500 000

[WMS-9093] - wms: fixed an issue with impossibility to close device's direct access via "Disconnect" option in WMS -> Devices

[WMS-9169] - sys: fixed no audio issue for calls received via BRI / PRI gateway if a call was answered by a user after IVR or Play sound Dialplan application on Cloud PBX after upgrade to 5.01.20200605.5

[WMS-9179] - wms: fixed an issue with multiple custom destinations/ E-mails being assigned incorrectly after adding them to Fax to e-mail Dialplan application

[WMS-9241] - sys: deprecated the old media core behavior when it was possible to switch Direct RTP logic

Note: You won't be able to switch to the previous behaviour <https://confluence.wildix.com/x/3oC5Aw>

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## WMS Beta 5.01.20200612.3 Date: 12.06.2020

### Fixes

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[WMS-9154] - dev: fixed an issue when WP phones connected to HW/ VM PBX couldn't get firmware after upgrading to WMS 5.0

[WMS-9176] - wms: fixed JSON Web Token validation error during S2S authentication

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## WMS Beta Hotfix Date: 12.06.2020

**Additional package: provisioning 5.01.20200611.1**

[WMS-9163] - sys: fixed no media issue on WP phones connected to Cloud PBX if UDP or TCP was set as SIP Transport via custom provisioning parameter

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## WMS Beta Hotfix Date: 10.06.2020

**Additional package: sipproxy 5.01.20200610.1**

[WMS-9126] - sys: fixed an issue with BLF keys "Line" not working in WMS Network after upgrade to WMS v. 5.01.20200603.2

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## WMS Beta 5.01.20200605.6 Date: 09.06.2020

### Fix

[WMS-9093] - wms: fixed an issue with impossibility to close device's direct access via "Disconnect" option in WMS -> Devices

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## WMS Beta 5.01.20200605.5 Date: 05.06.2020

### Improvements

[WMS-8849] - col: improved Collaboration top menu design

[WMS-9041] - sys: devices connection is now established via TLS:

- *all devices, except GSM trunks (W01GSM and DaySaver) use TLS transport on VM/ HW PBXs (previously it was supported on Cloud PBXs)*
- *"Use TLS / SRTP for local devices" option in WMS Settings -> Settings -> PBX -> SIP-RTP is no longer supported and will be deleted from the web the interface later*
- *use custom provisioning parameter "SIPTransport" (<https://confluence.wildix.com/x/KQg8AQ>) to set another protocol*

### Fixes

[WMS-8511] - sys: fixed no audio issue after attended transfer if a transferee belonged to a different subnet

[WMS-9082] - wms: fixed error processing issues after changing and saving settings in WMS -> Dialplan

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[WMS-9108] - sys: fixed no media issue for calls between Collaboration and Android application if callee had mobility feature enabled

[WMS-9114] - wms: fixed an issue when selected Dialplan rules were not applied after import

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## WMS Beta 5.01.20200603.2 Date: 03.06.2020

### Fixes

[WMS-9066] - col: fixed an issue with impossibility to send faxes via Wildix Fax Printer

[WMS-9084] - sys: fixed an issue in which PBX could freeze after reboot

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## WMS Beta 5.01.20200602.1 Date: 02.06.2020

### Fixes

[WMS-9023] - sys: fixed call drop issue for calls received or placed via BRI/ PRI media gateways

- note: W01/02PRI pre 2017 gateways need to be manually rebooted after PBX upgrade is completed

[WMS-9081] - sys: fixed an issue with "users" home directory being removed after PBX upgrade and reboot

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## WMS Beta Version 5.01.20200601.1 Date: 01.06.2020

### Fix

[WMS-9046] - wms: fixed an issue with incorrect displaying of JSON editor in fullscreen mode on Dialplan rules page

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## WMS Beta Version 5.01.20200528.1 Date: 29.05.2020

### Fix

[WMS-9002] - sys: memory leak fixes and general memory optimization for systemd service manager

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## WMS Beta Version 5.01.20200522.1 Date: 27.05.2020

### Improvements

[WMS-6693] - sys: enabled by default DTLS-SRTP media encryption between PBXs in WMS Network

[WMS-8616] - wms: improvements for Dialplan rules page in WMS -> Dialplan:

- page refactoring
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- added possibility to edit rules via JSON editor ("Developer" option)

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## WMS Beta Version 5.01.20200514.1 Date: 15.05.2020

### Improvement

[WMS-8691] - sys: SDES-SRTP feature is now enabled by default on supported devices (BPI/ PRI gateways, WP480G r3/ WP490G r3/ WorkForce, WelcomeConsole)

### Fix

[WMS-8455] - sys: fixed an issue when after call pickup/ call forward, user received a call from another user whose call was previously picked up and two calls were bridged automatically instead of a second incoming call

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## WMS Beta Version 5.01.20200508.1 Date: 11.05.2020

### Improvements

[WMS-8605] - col: URL previews in Collaboration messages are now displayed in a language set in user's Personal Settings

[WMS-8763] - sys: added support for direct upgrade of BRI/ PRI media gateways via internet connection

#### Notes:

- Upgrade available via firmwares.wildix.com or custom server
- Media gateway must have access to the Internet to get a new firmware
- If there is no Internet connection and media gateways provisioned to HW/ VM PBX, enable the option "Enable routing eth0" in WMS Settings -> System -> Network

[WMS-8869] - sys: disabled audio notification for call intrusion by default

#### To enable audio notification:

- for all the system: go to WMS Dialplan -> General Settings -> Set dialplan variables -> add INTRUSION\_NOTIFICATION=yes
- for a specific group of users: modify Dialplan procedure used for the group -> add Set application and insert INTRUSION\_NOTIFICATION=yes

### Fixes

[WMS-7349] - col: increased clickable areas for DTMF keypad in Collaboration call dialog window

[WMS-8839] - sys: fixed call drop issue after 25 minutes if it was placed between 2 Collaborations in WMS Network

[WMS-8840] - sys: fixed one way audio issue in case of mobility call if Direct RTP was enabled

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## WMS Beta Version 5.01.20200424.1 Date: 27.04.2020

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## Improvements

[WMS-7535] - sys: improved SIP DoS protection

[WMS-8435] - col: redesign of Collaboration top menu

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## WMS Beta Version 5.01.20200416.1 Date: 17.04.2020

### Improvement

[WMS-8338] - sys: added possibility to select proper SMB version during Windows share initialization

*The option "SMB version" is located in WMS Settings -> System -> Storages -> Add NFS/Windows share.*

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## WMS Beta Version 5.01.20200413.1 Date: 15.04.2020

### Fix

[WMS-8540] - sys: fixed an issue with SIP Proxy syslog errors for SIP trunk of German VoIP operator Deutsche Telekom SIP Anlagenanschluß

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## WMS Beta Version 5.01.20200410.3 Date: 13.04.2020

### New Feature

[WMS-8635] - col: added possibility to edit the last sent chat message in Collaboration

#### How-to:

- *press Up arrow key on your keyboard*
- *the last sent message appears in the input field*
- *update it and press Enter key to send*

#### Notes:

- *only messages containing links, text or emoticons can be edited*
- *to exit the editing mode, you need to delete the entire message from the input field*

#### Limitation:

- *not supported on mobile devices and Kite: a remote side receives the modified text as a second message*

## Improvements

[WMS-8609] - wms: refactoring of HTTP proxy client page in WMS Settings -> System

[WMS-8673] - wms: discontinued support for Zoho API version 2

*To switch to the version 3: <https://confluence.wildix.com/x/2IPIAQ> (Update instructions).*

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[WMS-8680] - wms: removed deprecated Colleagues API endpoints:

- POST /api/v1/Colleagues/
- PUT /api/v1/Colleagues/{id}/
- DELETE /api/v1/Colleagues/{id}/
- DELETE /api/v1/Colleagues/{ids}/

### Fixes

[WMS-8678] - wms: fixed an issue in which it was impossible to manage calls (start/ answer/ hangup) from Zoho CRM because it couldn't be authorized on PBX

[WMS-8679] - sys: fixed an issue with click-to-call from Zoho CRM not working in some cases

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## WMS Beta Version 5.01.20200402.1 Date: 03.04.2020

### Improvement

[WMS-8573] - sys: enabled TProxy multiple processing for handling multiple connections

*Note: for PBXs with > 2GB of memory. CPU load is decreased by splitting multiple processes for each CPU core.*

### Fix

[WMS-8383] - wms: fixed an issue with call and chat history not working after applying backup from Cloud PBX

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## WMS Beta Version 5.01.20200327.3 Date: 30.03.2020

### New Feature

[WMS-7504] - sys: call waiting parameter can now be activated for Call Groups with CG strategy "Call All 32"

### Improvements

[WMS-8368] - wms: refactoring of W-AIR Networks page in WMS -> Devices

[WMS-8402] - wms: removed possibility to synchronize time manually on NTP Server page in WMS Settings -> System

### Fixes

[WMS-7944] - col: limited size of a group chat title to 1024 symbols

[WMS-8146] - sys: fixed an issue when user received an email notification about joining a group chat as unread message from one-to-one chat

[WMS-8151] - dev: fixed an issue in which fax sending of multipage documents via FXS r3 gateway failed due to additionally added image row

[WMS-8565] - sys: fixed an issue in which configuration sync between Main and Secondary PBXs could not work in some cases

[WMS-8629] - wms: fixed an issue in which Wizyconf couldn't get the configuration from PBX after the first provisioning or being restarted

[WMS-8630] - sys: fixed an issue with Dialplan crashing if it contained previously deleted IVR tree

### New Firmware

*New firmware for WP480GR3 v. 63.145.10.13, WP490GR3 v. 67.145.8.92, WelcomeConsole v. 68.145.2.24*

[WMS-6918] - dev: fixed an issue with delay of handling calls on WP480GR3, WP490GR3, WelcomeConsole in Failover environment if Secondary PBX was down

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## WMS Beta Version 5.01.20200317.2 Date: 18.03.2020

### Improvement

[WMS-8290] - app: WIService v. 2.12.1 (Windows) improves collecting of crash logs: now logs from *crash\_dumps* folder are sent automatically

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## WMS Beta Version 5.01.20200313.4 Date: 16.03.2020

### New Features

[WMS-7199] - sys: added support for direct RTP between Kite and Web phone

*Added full ICE support for Kite and WebRTC phone:*

- *endpoints in the same network - media goes directly*
- *endpoints in different networks and open/ moderate NAT - STUN is used to find the best pair of candidates*
- *endpoints in different networks, strict NAT - media goes through TURN (on PBX)*

*The feature is disabled by default. To enable it, add the following line to the file /rw2/etc/kamailio/host\_specific\_custom.cfg:*

```
modparam("pv", "varset", "ice_drtp=i:1")
```

[WMS-7264] - wms: added support for S2S authentication via token for Wildix PBX API

- *The option "API access settings" located in WMS Settings -> PBX -> Integrations (prev. CRM Integrations)*
- *Available only for a super admin user*

*API documentation: [https://<pbx\\_host>/api/v1/doc/#tag/Authentication/bearer](https://<pbx_host>/api/v1/doc/#tag/Authentication/bearer)*

[WMS-7804] - col: added support for preview of video/ audio files via HTML5 <video>/ <audio> tags and youtube player in Collaboration chats

[WMS-8164] - col: added ability to leave customer feedback in Collaboration

*The option "Feedback" located in Collaboration top menu (right corner).*

[WMS-8204] - wms: implemented PHP HTTP client library for using S2S authentication

*Github developer documentation: <https://github.com/Wildix/s2s-client-php>*

## Improvements

[WMS-7772] - sys: added support for up to 1000 nodes in WMS Network

*Important: in case there are more than 252 PBXs in WMS Network, they all must be upgraded to WMS v. 5.0. Otherwise, chats, calls, statuses from / to PBXs on WMS 4.03 won't work.*

[WMS-7773] - sys: added support for showing up to 0,0001 in cost calculation in pricelist and CDR-View

*A new option "Decimal places number in Cost" is available in CDR-View -> Settings and allows changing the number of decimal places to be shown.*

[WMS-7957] - wizy: emails of participants are now matched with PBX users if they are present while creating a video conference

[WMS-8061] - sys: default behavior changed for call intrusion: audio notification (beep) enabled by default!

*A beep sound is played when any type of call intrusion (including silent intrusion) is started.*

*To disable it:*

- *for all the system: go to WMS Dialplan -> General Settings -> Set dialplan variables -> add INTRUSION\_NOTIFICATION=no*
- *for a specific group of users: modify Dialplan procedure used for the group -> add Set application and insert INTRUSION\_NOTIFICATION=no*

[WMS-8192] - col: increased size of devices selection window in Collaboration

[WMS-8217] - col: redesigned Login page in Collaboration

[WMS-8245] - sys: Identities feature is now compatible with ACI rule "Can/cannot - call pickup"

[WMS-8248] -sys: optimized Chat and Presence server load when a new client connection is established

[WMS-8283] - wms: optimized API response time for all endpoints with basic and session authentication

[WMS-8375] - sys: improved system performance for systems with large amount of users (> 3000 users)

[WMS-8377] - sys: S2S connection is now established directly (not via vpn) when possible

[WMS-8416] - sys: improved the logic of call forwarding to trunks

- *renamed the ACL "Trunk to trunk forward" to "Forward to trunk"*
- *changed the behaviour: now the ACL blocks all call forwards to trunk received from trunk/ user extension*

[WMS-8498] - api: disabled access to Basic Authentication API for the admin user

*Note: for S2S auth, use PHP HTTP client library (ticket WMS-8204).*

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**Fix**

[WMS-8345] - col: fixed an issue in which CDR-View didn't work with a large number of excludes