Yealink SIP IP Phones Release Notes of Version 84

Table of Contents

Yealink SIP IP Phones Release Notes of Version x.84.0.30

1. Introduction

- Firmware Version:

  T53: 95.84.0.20 upgrades to 95.84.0.30

  T53W: 95.84.0.20 upgrades to 95.84.0.30

  T54W: 96.84.0.20 upgrades to 96.84.0.30

- Applicable Models: T53, T53W, T54W

- Release Date: Apr 4th, 2019.

2. New Features

None

3. Optimization

None

4. Bug Fixes

1. Fixed an issue.

Yealink SIP IP Phones Release Notes of Version x.84.0.20

1. Introduction

- Firmware Version:

  T53: 95.84.0.10 upgrades to 95.84.0.20

  T53W: 95.84.0.10 upgrades to 95.84.0.20

  T54W: 96.84.0.10 upgrades to 96.84.0.20

- Applicable Models: T53, T53W, T54W

- Release Date: March 1st, 2019.

2. New Features

None

3. Optimization

1. Optimized the voice quality.

4. Bug Fixes

None

Yealink SIP IP Phones Release Notes of Version x.84.0.15

1. Introduction

● Firmware Version:

T19-E2: 53.84.0.10 upgrades to 53.84.0.15

T21-E2: 52.84.0.10 upgrades to 52.84.0.15

T23: 44.84.0.10 upgrades to 44.84.0.15

T27G: 69.84.0.10 upgrades to 69.84.0.15

T40P: 54.84.0.10 upgrades to 54.84.0.15

T40G: 76.84.0.10 upgrades to 76.84.0.15

T41S/T42S/T46S/T48S: 66.84.0.10 upgrades to 66.84.0.15

T52S/T54S: 70.84.0.10 upgrades to 70.84.0.15

CP920: 78.84.0.10 upgrades to 78.84.0.15

● Applicable Models: T19-E2, T21-E2, T23, T27G, T40P, T40G, T41S, T42S, T46S, T48S, T52S, T54S, CP920

● Release Date: Nov 29th, 2018.

2. New Features

None

3. Optimization

1. Changed the autop parameter *static.lang.gui* into *lang.gui*, and *static.lang.wui* into *lang.wui*. Please use the new autop parameter for configuration if your device is upgraded to firmware V84.
2. Updated the resource files of the language packs. If your device is upgrade to firmware V84 and you want customize the language by yourself, please use the new resource files of the language packs.

4. Bug Fixes

1. Fixed an issue related to Yealink Device Management Platform.

Yealink SIP IP Phones Release Notes of Version x.84.0.10

1. Introduction

- Firmware Version:

  T19-E2: 53.83.0.35 upgrades to 53.84.0.10

  T21-E2: 52.83.0.35 upgrades to 52.84.0.10

  T23: 44.83.0.35 upgrades to 44.84.0.10

  T27G: 69.83.0.35 upgrades to 69.84.0.10

  T40P: 54.83.0.35 upgrades to 54.84.0.10

  T40G: 76.83.0.35 upgrades to 76.84.0.10

  T41S/T42S/T46S/T48S: 66.83.0.35 upgrades to 66.84.0.10

  T52S/T54S: 70.83.0.35 upgrades to 70.84.0.10

  CP920: 78.81.0.10 upgrades to 78.84.0.10

- Applicable Models: T19-E2, T21-E2, T23, T27G, T40P, T40G, T41S, T42S, T46S, T48S, T52S, T54S, CP920

- Release Date: Sept 10th, 2018.

2. New Features

1. Added the feature that you can use the BLF List key to park the active call.
2. Added the feature of Icon Customization.
3. Added the feature of Google Contacts.
4. Added the feature of Call Information Display.
5. Added the feature that you can configure the monitored users or monitored BLF list for Visual and Audio Alert feature of BLF lines.
6. Supported Yealink Wi-Fi USB Dongle WF50 on SIP-T27G/T41S/T42S/T46S/T48S IP Phones.
7. Added a new transfer mode for Dsskey.
8. Added the feature of DND for Call Center.
9. Added the feature that you can configure the phone to display the caller ID according to the From header of SIP message provided through the server when the IP phone receives an incoming call.

10. Added the feature of Return Code for Unanswered Call.
11. Added the feature of Warning Display.
12. Added the feature of Network Reachability Detection.
13. Added a newly supported cipher suites: ECDHE.
14. Added the feature that if the "static.auto_provision.custom.protect" is set to 1, you can reset the phone with the method of **Reset local settings/Reset non-static settings/Reset static settings/Reset userdata & local config** on the web user interface.
15. Added the feature that you can view VLAN ID via phone user interface by navigating to **Menu**->**Status**->**More**->**Network**.
16. Added the feature that if the IP phone is connected to a wireless network successfully, you can view the connected wireless network information via web user interface by navigating to **Status**->**Wi-Fi Status**.
17. Added the feature that you can configure the IP phone to merge and display multiple history records.
18. Added the feature that during the call, you can press the OK key to check the current time & date and other phone information (IP, MAC, Firmware) in the Status screen.
19. Added the feature that you can configure the return code to play the congestion tone.
20. Added the feature that you can configure the IP phone to add the Remote-Party-ID header in the initial INVITE message.
21. Added the feature of BLF Key LED/Icon and Behavior for Hold State.
22. Added the feature of BLF Key LED/Icon and Behavior for DND State.
23. Added the feature that you can upload the custom ring tones in A_LAW format to the IP phone.

3. Optimization

1. Optimized the feature that when you are performing a call transfer, if the caller ends the call, the phone will exit the dialing screen and return to the idle screen, also a message will be popped up to prompt that the call was hung up.
2. Optimized the feature of Call Display.
3. Optimized the feature of Remote Phone Book.
4. Optimized the feature of Broadsoft Flexible Seating.
5. Optimized the feature of DND Synchronization.
6. Optimized the feature of Call Forward Synchronization.
7. Optimized the feature that when the IP address of the outbound proxy server changed, the connection using the old IP address will not lose.
8. Optimized the feature of BLF/BLF List Key Behaviors.
9. Optimized the feature Action URL.
10. Optimized the feature of USB Port Lock.
11. Optimized the feature of EDK Prompt.
12. Optimized the feature that you can adjust the volume of intercom tone by

pressing the volume key when the intercom call is answered.

13. Optimized the feature of Action URI.
14. Optimized the feature of Distinctive Ring Tones.
15. Optimized the feature of Call Log.
16. Optimized the feature of Speed Dial.

4. Bug Fixes

None

5. New Features Descriptions

1. **Added the feature that you can use the BLF List key to park the active call.**

   Description: You can park the active call to the monitored users who is in the BLF list.

   The parameters in the auto provision template are described as follows:

   account.x.blf_list_call_parked_code =

   account.x.blf_list_call_parked_list =

2. **Added the feature of Icon Customization.**

   Description: You can upload custom DSS keys icons and menu icons to the phone. Contact Yealink FAE to obtain the Icon Templates Pack. Make sure the name and format of new icons are same as the old ones. It is only applicable to T54S/T52S/T48S/T46S IP phones.

   The parameters in the auto provision template are described as follows:

   phone_setting.icon.url =

   phone_setting.icon.delete=

3. **Added the feature of Google Contacts.**

   Description: Google contact is a phone book that stored on the Google Contact Server. You can sign in to the Google Contact Server on your phone, and then the phone can establish a connection with the Google Contact Server and download the phone book. As a result, the Google contacts appear in the phone directory.

   The parameters in the auto provision template are described as follows:

   google_contact_server.enable =

   To configure Google Contact Server via web user interface:

   Click on **Directory** -> **Google Contacts** -> **Google Contact Server**.

4. **Added the feature of Call Information Display.**

   Description: You can configure the IP phone to display the call information by long pressing the BLF/BLF List key. It is not applicable to T19(P) E2 and CP920 IP phones.

   The parameters in the auto provision template are described as follows:

   features.blf.show_callinfo.enable =

5. **Added the feature that you can configure the monitored users or monitored BLF list for Visual and Audio Alert feature of BLF lines.**

   Description: You can configure the IP phone to play a visual alert or an audio alert when monitored users or monitored BLF list you specified receive an incoming call.

   The parameters in the auto provision template are described as follows:

   features.pickup.blf_visual.list =
   features.pickup.blf_audio.list =

6. **Added a new transfer mode for Dsskey.**

   Description: You can configure the transfer mode as Optional. When the user presses the DSS Key during a call, you can choose to transfer the call via New Call, Attended Transfer or Blind Transfer manually.

   The parameters in the auto provision template are described as follows:

   transfer.dsskey_deal_type =

7. **Added the feature of DND for Call Center.**

   Description: You can configure your phone to appear a virtual account, which stands for the ACD system that you log into. To control DND state of the ACD system, you must configure valid authentication information for the Xtended Services Platform (XSP) to authenticate the virtual account. When all agents in this ACD system are unavailable to answer incoming calls, you can activate DND for the virtual account. As a result, all incoming calls to this ACD system are rejected automatically.

   The parameters in the auto provision template are described as follows:

   bw.virtual_user.1.enable =
   bw.virtual_user.1.label =

bw.virtual_user.1.xsi.user =

bw.virtual_user.1.xsi.password =

bw.virtual_user.1.xsi.host =

bw.virtual_user.1.xsi.server_type =

bw.virtual_user.1.xsi.port =

bw.virtual_user.1.xsi.dnd.enable =

8. **Added the feature that you can configure the phone to display the caller ID according to the From header of SIP message provided through the server when the IP phone receives an incoming call.**
   The parameters in the auto provision template are described as follows:
   phone_setting.call_display_name.mode =

9. **Added the feature of Return Code for Unanswered Call.**
   Description: You can define the return code and reason of the SIP response message for the unanswered call. The caller's phone LCD screen displays the reason according to the received return code. Available return codes and reasons are: 404 (Not Found), 480 (Temporarily Unavailable), 486 (Busy Here) and 603 (Decline).
   The parameters in the auto provision template are described as follows:
   features.no_answer_code =

10. **Added the feature of Warning Display.**
    Description: When one of the following situations occurs:
    (1) The default password is being used
    (2) Account registration failed
    (3) Provisioning credentials are wrong
    (4) Network is unavailable
    On the SIP-T42S/T41S IP phones, a warning message appears on the idle screen.
    On the SIP-T54S/T52S/T48S/T46S/T40G/T40P/T27G/T23G/T23P/T21(P) E2/T19(P) E2 IP phones, a warning icon appears in the status bar.
    Note: As General Data Protection Regulation required, there should be a warning icon in the status bar warning information on the Status screen when the default password is used. You can go to Menu -> Status -> Warnings -> Clear Icon on the phone user interface to disable the phone to display warnings.

The parameters in the auto provision template are described as follows:

phone_setting.warnings_display.mode =

11. Added the feature of Network Reachability Detection.

Description: You can also enable the phone to detect the reachability of the connected wired or wireless network via auto provisioning. The phone can display an icon warning (for T42S/T41S IP phone, prompt a message) on the phone screen when the network is unreachable. You can set the time interval for network reachability detection.

The parameters in the auto provision template are described as follows:

static.features.network_test.enable =
static.features.network_test.host =
static.features.network_test.check_policy =
static.features.network_test.period =
static.features.network_unavailable_test.period =

12. Added the feature that you can configure the IP phone to merge and display multiple history records.

Description: You can enable the IP phone to merge and display multiple history records. Note that only the unestablished call log of the same contact's same call type can be merged.

The parameters in the auto provision template are described as follows:

features.call_log_merge.enable =

13. Added the feature that you can configure the return code to play the congestion tone.

Description: You can configure the return code that the phone will play congestion tone as soon as the phone receives it.

The parameters in the auto provision template are described as follows:

features. congestion_tone.codelist =

14. Added the feature that you can configure the IP phone to add the Remote-Party-ID header in the initial INVITE message.

Description: The IP phone can be configured to add the Remote-Party-ID header in the initial INVITE message.

The parameters in the auto provision template are described as follows:

account.x.invite_with_rpid_header.enable =

15. Added the feature of BLF Key LED/Icon and Behavior for Hold State.

Description: You can use the parameters to configure BLF key LED/icon and Behavior for hold state (the call on the monitored phone is placed on hold).

The parameters in the auto provision template are described as follows:

blf.enhanced.hold.enable =

blf.enhanced.hold.led =

16. Added the feature of BLF Key LED/Icon and Behavior for DND State.

Description: You can use the parameters to configure BLF key LED/icon and Behavior for DND state (DND is activated on the monitored phone).

The parameters in the auto provision template are described as follows:

blf.enhanced.dnd.enable =

blf.enhanced.dnd.led =

6. optimization Descriptions

1. Optimized the feature of Call Display.

Description: You can configure the IP phone to display the called party information when it receives an incoming call.

The parameters in the auto provision template are described as follows:

phone_setting.called_party_info_display.enable =

To configure Display Called Party Information feature via web user interface:

Click on **Settings** -> **Call Display** -> **Display Called Party Information**.

2. Optimized the feature of Remote Phone Book.

Description: You can configure the user name and password used to access the remote phone book X.

The parameters in the auto provision template are described as follows:

remote_phonebook.data.X.username =

remote_phonebook.data.X.password =

3. **Optimized the feature of Broadsoft Flexible Seating.**

    Description: You can configure the IP phone whether to save and use LDAP directory user credentials when using flexible seating feature.

    The parameters in the auto provision template are described as follows:

    bw.flexible_seating.remember_password.ldap.enable =

4. **Optimized the feature of DND Synchronization.**

    Description: You can enable the DND feature synchronization for a specified account X.

    The parameters in the auto provision template are described as follows:

    account.X.feature_key_sync.enable =
    account.X.dnd.feature_key_sync.enable =

5. **Optimized the feature of Call Forward Synchronization.**

    Description: You can enable the forward feature synchronization for a specified account X.

    The parameters in the auto provision template are described as follows:

    account.X.feature_key_sync.enable =
    account.x.forward.feature_key_sync.enable =

6. **Optimized the feature of BLF/BLF List Key Behaviors.**

    Description: You can configure BLF/BLF List Key Behavior as intercom when pressing the BLF/BLF List keys, so that the phone will place an intercom call to the monitored number.

    The parameters in the auto provision template are described as follows:

    blf.enhanced.idle.enable =
    blf.enhanced.idle.idle.action =
    blf.enhanced.callin.enable =
    blf.enhanced.callin.idle.action =
    blf.enhanced.callout.enable =
    blf.enhanced.callout.idle.action =
    blf.enhanced.talking.enable =
    blf.enhanced.talking.idle.action =
    blf.enhanced.parked.enable =
    blf.enhanced.parked.idle.action =

7. Optimized the feature Action URL.

Description: You can configure the action URL information the IP phone sends to the server when unplugged or plugged the USB device.

The parameters in the auto provision template are described as follows:

action_url.peripheral_information =

To configure this feature via web user interface:

Click on **Features** -> **Action URL** -> **Peripheral Information**.

8. Optimized the feature of USB Port Lock.

Description: You can enable or disable the USB flash drive feature. If disabled, the phone cannot detect USB flash drive attached to the USB port.

The parameters in the auto provision template are described as follows:

static.usbdisk.function.enable =

9. Optimized the feature of EDK Prompt.

Description: You can configure the title for Enhanced DSS Keys (EDK) prompt X.

The parameters in the auto provision template are described as follows:

edk.edkprompt.X.title =

10. Optimized the feature of Action URI.

Description: Added two new variable values that you can pre-configured for the Action URI. One is "Lx_LONGPRESS", if configured, the phone will perform a corresponding action when long pressing a key; and the other is "BACK_IDLE), if configured, the phone return to the idle screen no matter which screen it is currently in.

11. Optimized the feature of Distinctive Ring Tones.

Description: If the INVITE request contains "Alert-Info: Intercom", the IP phone will answer incoming calls automatically without playing the ring tone.

12. Optimized the feature of Call Log.

Description: You can configure the string of the digit map to be applied to the numbers dialed from the call history list. It only takes effect on Received Calls, Missed Calls and Forwarded Calls.

The parameters in the auto provision template are described as follows:

features.local_calllog.received.replace_rule =

13. **Optimized the feature of Speed Dial.**

Description: When you set a speed dial key manually, you can also enter the contact number with the DTMF sequence that you want to send in the Value field. The contact number and DTMF sequence are separated by commas. One comma stands for 500 milliseconds. For example, 1234,,123# means the phone dials out the number 1234 first, then after the call is set up for 1 second, it sends the DTMF sequence 123# to the remote party.

The parameters in the auto provision template are described as follows:

linekey.X.type =

linekey.X.value =

7. Configuration Parameters Enhancements

Auto Provision Template Flies Change Log							
Firmware Version：[x. 83.0.35]-[x.84.0.10]							
Function	**Provisioning syntax Comparison**		**Permitted Value**	**Default Value**	**Action**	**Description**	**File**
	x. 83.0.35	**x.84.0.10**					
BLF List		account.x.blf_list_call_parked_code =	String within 32 characters	Blank	Add	It configures the feature access code of call park for account X. Example: account.1.blf_list_call_parked_code = *68 Note: It is not applicable to CP920/T48G/T46G/T42G/T41P/T29G/T19(P) E2 IP phones.	MAC.cfg
BLF List		account.x.blf_list_call_parked_list =	Blank all serial numbers of monitored users in	Blank	Add	It configures the serial numbers of the monitored users in the BLF list where you can park the active call to for account X. Multiple serial numbers are	MAC.cfg

| | | | the BLF list | | | separated by commas.

Example:

account.1.blf_list_call_parke d_list =

When you leave it blank, you cannot park an active call to any monitored user.

account.1.blf_list_call_parke d_list = all

You can park the active call to any monitored user.

account.1.blf_list_call_parke d_list = 1,3,4

You can park the active call to the first, third or fourth monitored user in the BLF list.

Note: This parameter has a higher priority than "transfer.dsskey_deal_type", so that when you press the BLF list key, the phone parks a call other than transferring a call. It works only if "account.X.blf_list_call_ parked_code" is configured. It is not applicable to CP920/T48G/T46G/T42G/T4 1P/T29G/T19(P) E2 IP phones. | |
| DND | | account.x.dn d.feature_ke y_sync.enabl e = | | 0 or 1 | Blank | Add | It enables or disables the DND feature synchronization for account X.

Note: The value configured by this parameter takes precedence over that configured by the parameter "features.dnd.feature_key_s ync.enable". It works only if "account.X.feature_key_syn c.enable" is set to 1 | MAC.cfg |

						(Enabled), and it is not applicable to T48G/T46G/T42G/T41P/T29 G/CP920 IP phones. 0-Disabled 1-Enabled, server-based DND is enabled. Server and local phone DND are synchronized.	
DND		account.x.fe ature_key_sy nc.enable =	0 or 1	0	Add	It enables or disables to synchronize the feature status between the IP phone and the server for account X. Note: It is not applicable to T48G/T46G/T42G/T41P/T29 G/CP920 IP phones. The value configured by this parameter takes precedence over that configured by the parameter "features.feature_key_sync. enable". 0-Disabled 1-Enabled, the IP phone to send a SUBSCRIBE message with event "as-feature-event".	MAC.cfg
Call Forward		account.x.for ward.feature _key_sync.e nable =	0 or 1	Blank	Add	It enables or disables the forward feature synchronization for account X. Note: The value configured by this parameter takes precedence over that configured by the parameter "features.forward.feature_k ey_sync.enable". It works only if "account.X.feature_key_syn c.enable" is set to	MAC.cfg

					1 (Enabled) and it is not applicable to T48G/T46G/T42G/T41P/T29G/CP920 IP phones.	
SIP Settings		account.x.invite_with_rpid_header.enable =	0 or 1	0	Add	It enables or disables the IP phone to add the Remote-Party-ID (RPID) header in the initial INVITE message. Note: It is not applicable to T48G/T46G/T42G/T41P/T29G IP phones. 0-Disabled 1-Enabled	MAC.cfg
Broadsoft Flexible Seating		bw.flexible_seating.remember_password.ldap.enable =	0 or 1	0	Add	It enables or disables the IP phone to encrypt and store the LDAP user credentials when using flexible seating feature. Note: It works only if "bw.enable" and "account.X.flexible_seating.enable" are set to 1 (Enabled). If you disable this feature, all the saved user credentials are cleared. 0-Disabled 1-Enabled	common.cfg
Broadsoft ACD		bw.virtual_user.1.enable =	0 or 1	0	Add	It enables or disables the virtual account for the call center. Note: It works only if "bw.xsi.enable" is set to 1 (Enabled). It is not applicable to T48G/T46G/T42G/T41P/T29G IP phones. 0-Disabled 1-Enabled	MAC.cfg
Broadsoft ACD		bw.virtual_user.1.label =	String within 99	Blank	Add	It configures the virtual account label displayed on	MAC.cfg

						the phone. Note: If you leave it blank, the virtual user name uses VirtualUser1 by default. It is not applicable to T48G/T46G/T42G/T41P/T29 G IP phones.	
Broadsoft ACD		bw.virtual_u ser.1.xsi.dnd. enable =	0 or 1	0	Add	It enables or disables the user to control the DND status for the virtual account. Note: It works only if "bw.xsi.enable" and "bw.virtual_user.1.enable" are set to 1 (Enabled). It is not applicable to T48G/T46G/T42G/T41P/T29 G IP phones. 0-Disabled 1-Enabled	MAC.cfg
Broadsoft ACD		bw.virtual_u ser.1.xsi.host =	IP address or domain name	Blank	Add	It configures the IP address of the Xtended Services Platform server for the virtual account. Note: It works only if "bw.xsi.enable" is set to 1 (Enabled). It is not applicable to T48G/T46G/T42G/T41P/T29 G IP phones.	MAC.cfg
Broadsoft ACD		bw.virtual_u ser.1.xsi.pass word =	String within 99 characters	Blank	Add	It configures the password of virtual account for XSI access authentication. Note: It works only if "bw.xsi.enable" is set to 1 (Enabled) and it is required only when the value of the parameter "sip.authentication_for_xsi"	MAC.cfg

					is set to 0 (User Login Credentials for XSI Authentication). It is not applicable to T48G/T46G/T42G/T41P/T29 G IP phones.	
Broadsoft ACD		bw.virtual_user.1.xsi.port =	Integer from 1 to 65535	80	Add	It configures the port of the Xtended Services Platform server for the virtual account. Note: It works only if "bw.xsi.enable" is set to 1 (Enabled). It is not applicable to T48G/T46G/T42G/T41P/T29 G IP phones.	MAC.cfg
Broadsoft ACD		bw.virtual_user.1.xsi.server_type =	HTTP or HTTPS	Blank	Add	It configures the access protocol of the Xtended Services Platform server for the virtual account. Note: It works only if "bw.xsi.enable" is set to 1 (Enabled). It is not applicable to T48G/T46G/T42G/T41P/T29 G IP phones.	MAC.cfg
Broadsoft ACD		bw.virtual_user.1.xsi.user =	String within 99 characters	Blank	Add	Configures the user ID of the call center for XSI access authentication. Note: It works only if "bw.xsi.enable" is set to 1 (Enabled). It is not applicable to SIPT48G/ T46G/T42G/T41P/T29G IP phones.	MAC.cfg
Call Information Display		features.blf.show_callinfo.enable =	0 or 1	1	Add	It enables or disables the IP phone to display the call information by long pressing the BLF/BLF List key. Note: It is not applicable to T48G/T46G/T42G/T41P/T29	common.cfg

					G/T19(P) E2/CP920 IP phones. 0-Disabled 1-Enabled, when the monitored line is ringing, during a call, or has a parked call, users can long press the BLF/BLF List key to view the call information, and then select to pick up the incoming call, barge in a conference, or retrieve the parked call.	
Call Log		features.call _log_merge. enable =	0 or 1	0	Add	It enables or disables the IP phone to merge the same history records. Note: The merged entry only displays the initiation time of the last call. It is not applicable to T48G/T46G/T42G/T41P/T29 G IP phones. 0-Disabled, each call is logged individually in the calls list. 1-Enabled, consecutive incomplete calls to/from the same party and in the same direction are merged into one record in the calls list. The merged entry displays the number of consecutive calls.	common. cfg
Network Reachabili ty Detection		static.feature s.network_te st.check_poli cy =	0 or 1	0	Add	It configures the logic when detecting the network reachability of multiple servers. Note: It works only if "static.features.network_tes t.enable" is set to 1 (Enabled).	common. cfg

					0-OR 1-AND	
Network Reachability Detection		static.features.network_test.enable =	0 or 1	0	Add	It enables or disables the network reachability detection. 0-Disabled 1-Enabled, if the network is unreachable, "Network unreachable" is displayed on the T42S/T41S IP phones, while a network unreachable icon is displayed in the status bar of other IP phones.	common.cfg
Network Reachability Detection		static.features.network_test.host =	Blank-The phone does not detect network reachability. String within 1024 characters	Blank	Add	It configures the server address that the phone uses to detect the network reachability. The server address can be the IP address or domain name. Multiple server addresses are separated by semicolons. Example: static.features.network_test.host = 192.168.1.20;192.168.1.10 Note: It works only if "static.features.network_test.enable" is set to 1 (Enabled).	common.cfg
Network Reachability Detection		static.features.network_test.period =	Integer from 2 to 3600	60	Add	It specifies the time interval (in seconds) for network reachability detection when the network is reachable. Note: It works only if "static.features.network_test.enable" is set to 1 (Enabled).	common.cfg
Network Reachabili		static.features.network_u	Integer from 2 to	30	Add	It specifies the time interval (in seconds) for network	common.cfg

ty Detection		navailable_t est.period =	3600			reachability detection when the network is unreachable. Note: It works only if "static.features.network_tes t.enable" is set to 1 (Enabled).	
Return Code		features.no_ answer_cod e =	404 480 486 603	486	Add	It configures a return code and reason of SIP response messages when the IP phone does not answer an incoming call. A specific reason is displayed on the caller's phone screen. Note: It is not applicable to T48G/T46G/T42G/T41P/T29 G IP phones. 404-Not Found 480-Temporarily Unavailable (Temporarily not available) 486-Busy Here 603-Decline	common. cfg
Visual and Audio Alert BLF Lines		features.pick up.blf_audio .list =	any Monitored phone number ListX	any	Add	It configures the monitored users who want to enable audio alert for BLF pickup feature. The IP phone plays an audio alert when a monitored user receives an incoming call. Multiple monitored users are separated by commas. Example: features.pickup.blf_audio.lis t = any or leave it blank The IP phone plays an audio alert when any monitored user receives an incoming call. features.pickup.blf_audio.lis t = 4604,4605 The IP phone plays an audio	common. cfg

						alert when monitored user 4604 or 4605 receives an incoming call. features.pickup.blf_audio.list = List1 The IP phone plays an audio alert when any user in the List 1 receives an incoming call. ListX stands for the BLF list of account X configured by the parameter "account.X.blf.blf_list_uri". Note: It works only if "features.pickup.blf_audio_ enable" is set to 1 (Enabled). It is not applicable to CP920/T48G/T46G/T42G/T41P/T29G/T19(P) E2 IP phones.	
Visual and Audio Alert BLF Lines		features.pickup.blf_visual.list =	any Monitored phone number ListX	any	Add	It configures the monitored users who want to enable visual alert for BLF pickup feature. The IP phone displays a visual alert when a monitored user receives an incoming call. Multiple monitored users are separated by commas. Example: features.pickup.blf_visual.list = any or leave it blank The IP phone displays a visual alert when any monitored user receives an incoming call. features.pickup.blf_visual.list = 4604,4605 The IP phone displays a visual alert when monitored user 4604 or 4605 receives	common. cfg

						an incoming call.	
						features.pickup.blf_visual.list = List1	
						The IP phone displays a visual alert when any user in the List 1 receives an incoming call. ListX stands for	
						the BLF list of account X configured by the parameter "account.X.blf.blf_list_uri".	
						Note: It works only if "features.pickup.blf_visual_enable" is set to 1 (Enabled). It is not applicable to	
						CP920/T48G/T46G/T42G/T41P/T29G/T19(P) E2 IP phones.	
Google Contacts		google_contact_server.enable =	0 or 1	0	Add	It enables or disables the IP phone to connect to the Google Contact Server. Note: It is not applicable to T48G/T46G/T42G/T41P/T29G IP phones. 0-Disabled 1-Enabled	common.cfg
Call Display		phone_setting.call_display_name.mode =	0 or 1	0	Add	It specifies which display names to be used as the caller ID/callee ID for calls from/to contacts in the phone directory. Note: This parameter also affects history records display. It is not applicable to T48G/T46G/T42G/T41P/T29G IP phones. 0-Names matched to the entries in the following phone directories are displayed preferentially, the	common.cfg

						priority is as follows: Local Directory>Remote Phone Book>Broadsoft Network Directory>BroadCloud Buddies> LDAP Directory>Network signaling. 1-Names provided through network signaling are displayed preferentially.	
USB Port Lock		phone_setting.warnings_display.mode =	0 or 1	1	Add	It enables or disables the USB flash drive feature. Note: It works only if "static.usb.power.enable" is set to 1 (Enabled) and only applicable to T46S/T48S/T52S/T54S/CP920 IP phones. 0-Disabled, the phone cannot detect the USB flash drive attached to the USB port. The USB item will not appear on the menu screen and there is no USB icon on the status bar. Only the USB flash drive is disabled, other USB devices such as Bluetooth dongle are still available on the IP phone. 1-Enabled	common.cfg
Action URL		action_url.peripheral_information =	URL within 511 characters The value format is: http(s)://IP address of server/help.xml?variable	Blank	Add	It configures the action URL information the IP phone sends to the server when unplugged or plugged the USB device. Example: action_url.peripheral_information = http://192.168.0.20/help.xml?IP=$ip&WIFI=$wifi_num	common.cfg

		name=variable value. For Pre-defined events, refer to Pre-defined Events List. For variable value, refer to Variable Values List.				ber	
BLF Key LED/Icon and Behavior for DND State		blf.enhanced.dnd.enable =	0 or 1	0	Add	It enables or disables the custom configuration when DND is activated on the monitored phone. Note: It is not applicable to T48G/T46G/T42G/T41P/T29G/T19(P) E2/CP920 IP phones. 0-Disabled 1-Enabled, the IP phone will display the custom BLF/BLF List DSS key LED status/icon colors.	common.cfg
BLF Key LED/Icon and Behavior for DND State		blf.enhanced.dnd.led =	String	Blank	Add	It configures the custom BLF/BLF List DSS key LED status/icon colors when DND is activated on the monitored phone. This value uses the same macro action string syntax as an Enhanced DSS key. Example: blf.enhanced.dnd.led = $LEDg1000o$ For	common.cfg

BLF Key LED/Icon and Behavior for Hold State		blf.enhanced .hold.enable =	0 or 1	0	Add	T54S/T52S/T46S/T42S/T41S /T40P/T40G/T27G/T23P/T23 G/T21(P) E2 IP phones, the BLF/BLF List DSS key LED glows green for 1000ms and then goes out. For T48S IP phones, the BLF/BLF List DSS key field displays a green icon for 1000ms and then turns to white. Note: It works only if "blf.enhanced.dnd.enable" is set to 1 (Enabled). It is not applicable to T48G/T46G/T42G/T41P/T19 (P) E2/CP920 IP phones.	common. cfg
BLF Key LED/Icon and Behavior for Hold State		blf.enhanced .hold.enable =	0 or 1	0	Add	It enables or disables the custom configuration when the call on the monitored phone is placed on hold. Note: It is not applicable to T48G/T46G/T42G/T41P/T29 G/T19(P) E2/CP920 IP phones. 0-Disabled 1-Enabled, the IP phone will display the custom BLF/BLF List DSS key LED status/icon colors.	common. cfg
BLF Key LED/Icon and Behavior for Hold State		blf.enhanced .hold.led =	String	Blank	Add	It configures the custom BLF/BLF List DSS key LED status/icon colors when the call on the monitored phone is placed on hold. This value uses the same macro action string syntax as an Enhanced DSS key. Example: blf.enhanced.hold.led = $LEDg1000o$	common. cfg

					For T54S/T52S/T46S/T42S/T41S/T40P/T40G/T27G/T23P/T23G/T21(P) E2 IP phones, the BLF/BLF List DSS key LED glows green for 1000ms and then goes out. For T48S IP phones, the BLF/BLF List DSS key field displays a green icon for 1000ms and then turns to white. Note: It works only if "blf.enhanced.hold.enable" is set to 1 (Enabled). It is not applicable to T48G/T46G/T42G/T41P/T19(P) E2/CP920 IP phones.	
Bluetooth		bluetooth.a2dp_sink =	0, 1 or 2	1	Add	It enables or disables the IP phone to act as the connected Bluetooth-Enabled mobile phone player. Note: It is only applicable to CP920 IP phones. 0-Disabled, the Media audio item is hidden for the connected Bluetooth-Enabled mobile phone. 1-Enabled, you need to enable the Media audio feature manually after the Bluetooth-enabled mobile phone is paired and connected. Enable the Media audio feature via phone user interface at the path: Menu->Settings->Basic Settings->Bluetooth->Paired Bluetooth	common.cfg

						Device->Option->Detail->Channel Control->Media Audio. 2-Enabled, the IP phone automatically acts as the Bluetooth-Enabled mobile phone player after you pair and connect the Bluetooth-Enabled mobile phone to the IP phone successfully.	
Bluetooth		bluetooth.connect_confirm.enable =	0 or 1	0		Add	It enables or disables the phone to prompt users to confirm the reconnection request from the Bluetooth device. Note: It is only applicable to CP920 IP phones. 0-Disabled 1-Enabled, the prompt window will not appear during the call.	common.cfg
EDK Prompt		edk.edkprompt.X.title =	String	EDK Prompt		Add	It configures the text string used as a title for the EDK prompt X. The title appears at the top of the user inputs prompt screen. If it is left blank, EDK Prompt is displayed. Example: edk.edkprompt.1.title = MyTitle Note: It works only if "features.enhanced_dss_keys.enable" and "edk.edkprompt.X.enable" are set to 1 (Enabled). It is not applicable to T48S/T48G IP phones.	common.cfg

CFG File Version Information		static.auto_provision.config_version.mac =	String	Blank	Add	It configures the version information of the MAC CFG configuration file. After configuration, you can check the configuration file version information at the path: Menu->Status->Phone->MAC Version (phone user interface) or Status->Status->Version->MAC Version (web user interface). Note: It is not applicable to T48G/T46G/T42G/T41P/T29G IP phones.	common.cfg
CFG File Version Information		static.auto_provision.config_version.com =	String	Blank	Add	It configures the version information of the Common CFG configuration file. After configuration, you can check the configuration file version information at the path: Menu->Status->Phone->COM Version (phone user interface) or Status->Status->Version->COM Version (web user interface). Note: It is not applicable to T48G/T46G/T42G/T41P/T29G IP phones.	common.cfg
Call Log		features.local_calllog.received.replace_rule =	String	Blank	Add	It configures the string of the digit map to be applied to the numbers dialed from the call history list. Example: features.local_calllog.received.replace_rule = <00:+>x.|<5:1>xx When you call the contact 001234567 from the call	common.cfg

						history list, the number +1234567 will be dialed out because "001234567" matches the "<00:+>x." in the digit map; When you call the contact 532 from the call history list, the number 132 will be dialed out because "532" matches the "<5:1>xx" in the digit map. Note: The records in the Placed Calls are not matched.	
Remote Phone Book		remote_phonebook.data.X.username =	String	Blank	Add	It configures the user name used to access the remote phone book X.	common.cfg
Remote Phone Book		features.headset.ctrl_call.enable =	String	Blank	Add	It configures the password used to access the remote phone book X.	common.cfg