Yealink SIP CP860 IP Phone Release Notes of Version 80

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Yealink SIP CP860 IP Phone Release Notes of Version 37.80.193.10

1. Introduction

- Firmware Version:

  CP860: 37.72.193.10 upgrades to 37.80.193.10.
- Applicable Models: CP860
- Release Date: Nov 14th, 2015.

2. New Features

1. Added the feature of Protect Personalized Settings..
2. Added the feature of RTCP-XR.
3. Added the feature of Off-hook hot line dialing.
4. Added the feature of Screen Capture.
5. Added the feature of BSFT XSI.
6. Added the support of wildcards ($PN and $MAC) in the provisioning server URL.
7. Added the feature of Paging List.
8. Added the feature to enable or disable voice mail display.
9. Added the feature that user can select different ring tones to distinguish different accounts registered on the phone.
10. Added the support of Russian input method on the phone.
11. Added the feature that user can configure the FAC (Feature Access Code) to be hidden.
12. Added the custom settings of web language, phone language and the input method.
13. Added the feature of Encrypting Configuration Files.
14. Added the feature of Analyzing Configuration File.
15. Added the custom settings of SIP User Agent.
16. Added the feature of configuring the duration time (in seconds) in the ringing or ring back state.
17. Add the setting of attempt expired time of auto provision.
18. Added the feature of Outbound Proxy Server Backup.

19. Added seven Action URL to the newly version.
20. Added the feature of Draft BLA.
21. Added the feature of CDP.
22. Added the feature of Location in TimeZone module.
23. Added the feature of SMS in the model of CP860.
24. Added the support of SHA256、SHA512、SHA384.
25. Added the feature of SCA.
26. Added the feature of Call Park and Call Park Notification
27. Added the feature of Call Pickup
28. Added the feature of Sequential Ring
29. Added the feature of Anonymous Call Rejection
30. Added the feature of Anywhere
31. Added the feature of Remote Office
32. Added the feature of Hide Number/ Line ID blocking
33. Added the feature of Simultaneous Ringing
34. Added the feature of ACD
35. Added the feature of Call Information.
36. Added the feature of Hoteling.
37. Added the feature of Hold Reminder.
38. Added the feature of Disposition Code.
39. Added the feature of Customer Originated Trace.
40. Added the feature of Emergency Escalation.
41. Added the feature of Queue Status Notification.

3. Optimization

1. Optimized the feature of Notification Popups.
2. Adjusted the order of (Redirection and Provisioning Server) RPS.
3. The Router pattern has been removed.
4. Optimized the mechanism of syslog level.
5. Optimized the Auto Provision Code of URL address/Name/Password on the LCD interface.
6. Removed the feature of SNMP.
7. Optimized the sequence of G722 codec to the highest.
8. Optimized the Remote Phone Book.

9. Optimized User Access Level of Web/Phone User Interface.
10. Optimized the configuration of Anonymous Call Rejection.
11. Optimized the call and incoming call displaying on the phone.
12. Optimized the feature of default account.
13. Optimized the displaying of dialing/pre-dialing interface.
14. Optimized the feature of Time zone.
15. Added splash and silent ring tone to the new version.
16. Optimized the feature of XML Browser.
17. Added the message format of auto answer.
18. Optimized the label is configurable when the Dsskey type was configured as line.
19. Optimized the configuration of DNS.
20. Optimized the security of the SIP Phone.
21. Optimized the LLDP feature to be enabled by default.
22. Optimized the request to support enable/disable the LDAP Lookup for Callout in the web interface or auto-provision.
23. Optimized the request to support LDAPs.
24. Optimized the requirement of SIP server support input without special domain.
25. Optimized the feature of prevent harassment.
26. Optimized the display mode of Call log.
27. Optimized the feature of DTMF.
28. Optimized the user experience of softkey displaying.
29. Optimized the option of pull-down list of call control.
30. Unified the softkey layout in the talking interface.
31. Optimized the input method on the phone.
32. Optimized the size of dial plan to 1024 characters.
33. Optimized the intelligent search method supports with German character.
34. Optimized the request to support input in Czech.
35. Optimized the request to add Call-ID into Action URI.
36. Optimized the request to get the NTP server URL via DHCP option 42.
37. Optimized the request to support obtaining pictures via 180 call info.
38. Optimized the request to forward the incoming call through pressing the TRANSFER before answering.
39. Optimized the permitted values and default values of the sending volume in the newly version of 80.
40. Optimized the content of note on the SIP phones.
41. Optimized the account label is available when the notification of missed call

popups.

42. Optimized the feature of System Log.
43. Optimized the feature of Setup Wizard.

4. Bug Fixes

1. Fixed the issue that the audio filename in U-disk cannot be displayed normally.
2. Fixed the issue that the filename in Chinese characters cannot be displayed normally on computer.
3. Fixed the test failure in SIP protocol.
4. Fixed the issue that sip server cannot configure server address due to the lack of ":".
5. Fixed the probabilistic issue of recording failure.

5. New Features Descriptions

1. **Added the feature of Protect Personalized Settings.**

   Description: In the newly version, the IP phones can remain the personalized settings by updating configurations in the MAC-local.cfg file. This process is controlled by the value of the parameter "auto_provision.custom.protect". The personalized settings of the phone configured via the phone or web user interface can be remained after auto provisioning.

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

   auto_provision.custom.upload_method =

   auto_provision.custom.sync =

   auto_provision.custom.protect =

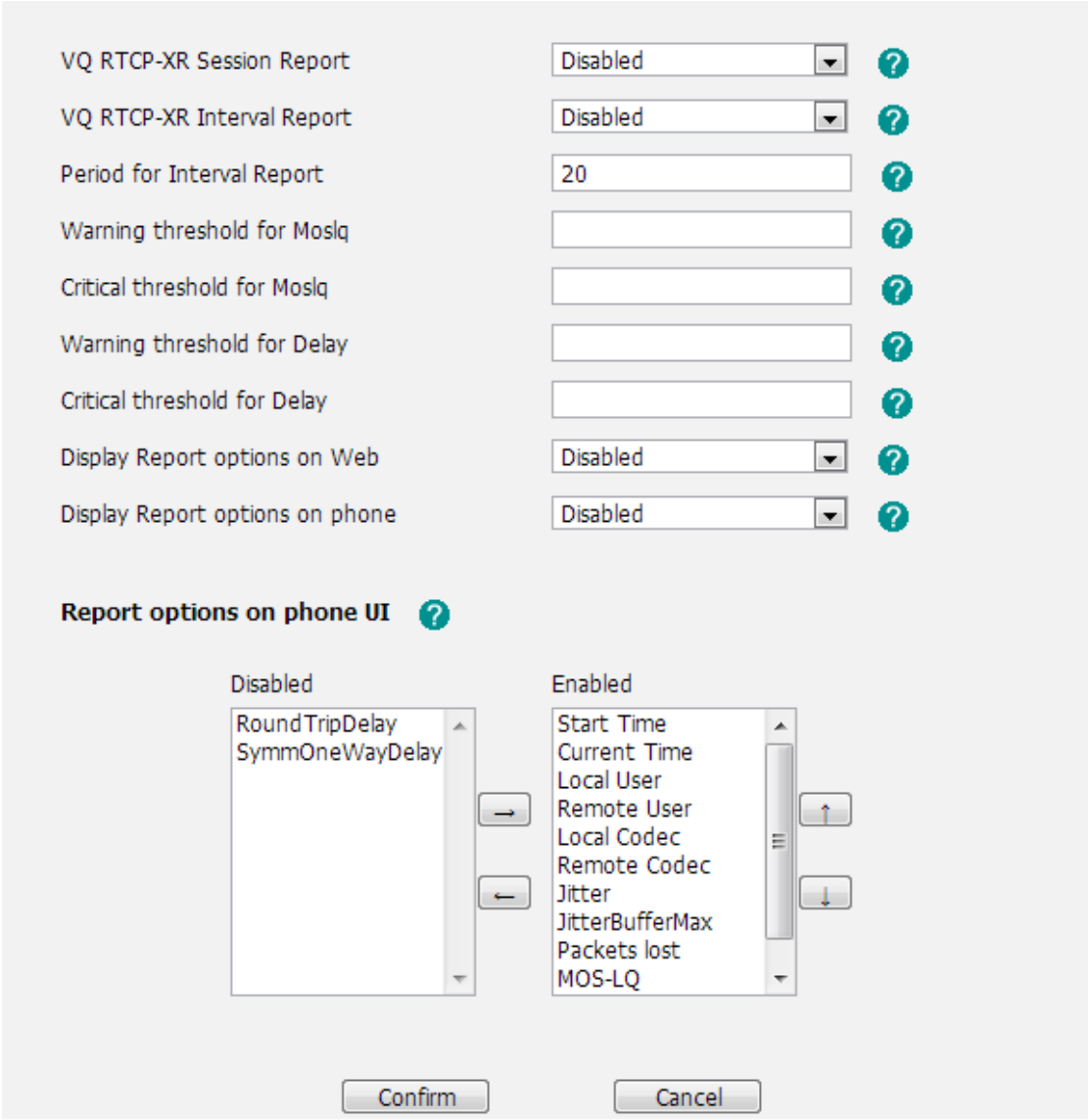
   For more information please refer to the *Yealink_SIP-T2_Series_T19(P) E2_T4_Series_CP860 IP phones_Description of Configuration Parameters in CFG Files_V80_80*

2. **Added the feature of RTCP-XR.**

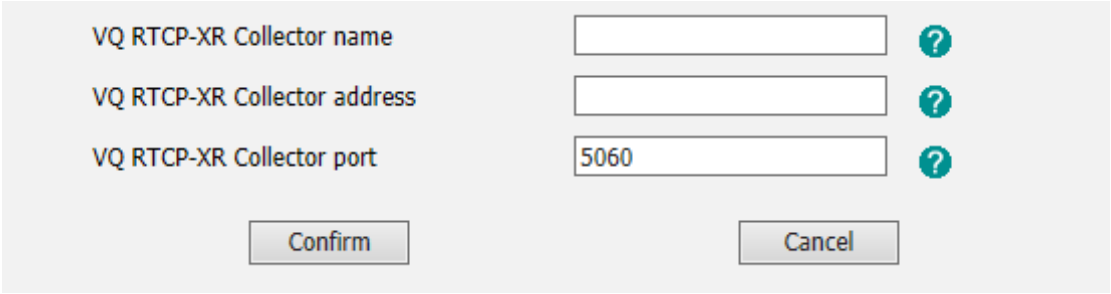
   Description: Voice quality monitoring feature allows the IP phones to generate various quality metrics for listening and conversational quality. Two mechanisms for voice quality monitoring are supported by Yealink IP phones: RTCP-XR/VQ-RTCPXR.

   To set the RTCP-XR via web user interface:

- Click on Settings-> Voice Monitoring



- Click on Account->Advanced



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

account.X.vq_rtcpxr.collector_name =

account.X.vq_rtcpxr.collector_server_host=

account.X.vq_rtcpxr.collector_server_port=

phone_setting.vq_rtcpxr.session_report.enable=

phone_setting.vq_rtcpxr.states_show_on_web.enable =

phone_setting.vq_rtcpxr.states_show_on_gui.enable =

phone_setting.vq_rtcpxr.interval_report.enable =

phone_setting.vq_rtcpxr_delay_threshold_warning =

phone_setting.vq_rtcpxr_moslq_threshold_critical =

phone_setting.vq_rtcpxr_delay_threshold_warning =

phone_setting.vq_rtcpxr_delay_threshold_critical =

phone_setting.vq_rtcpxr_interval_period =

phone_setting.vq_rtcpxr_display_start_time.enable =

phone_setting.vq_rtcpxr_display_stop_time.enable =

phone_setting.vq_rtcpxr_display_local_call_id.enable =

phone_setting.vq_rtcpxr_display_remote_call_id.enable =

phone_setting.vq_rtcpxr_display_local_codec.enable =

phone_setting.vq_rtcpxr_display_remote_codec.enable =

phone_setting.vq_rtcpxr_display_jitter.enable =

phone_setting.vq_rtcpxr_display_jitter_buffer_max.enable =

phone_setting.vq_rtcpxr_display_packets_lost.enable =

phone_setting.vq_rtcpxr_display_moslq.enable =

phone_setting.vq_rtcpxr_display_moscq.enable =

phone_setting.vq_rtcpxr_display_round_trip_delay.enable =

phone_setting.vq_rtcpxr_display_symm_oneway_delay.enable =

For more information please refer to the *Yealink_SIP-T2_Series_T19(P) E2_T4_Series_CP860 IP phones_Description of Configuration Parameters in CFG Files_V80_80*

3. **Added the feature of Off-hook hot line dialing.**

Description: Off hook hot line dialing feature is configurable on a per-line basis and depends on support from a SIP server.

Note:

- Off hook hot line dialing feature limits the Call-out permission of this account only. When off hook hot line dialing feature is enabled for an account, you can answer an incoming call on this account.
- Off hook hot line dialing feature is not applicable to SIP-T19P/T21P IP phones.

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

account.X.auto_dial_enable =

account.X.auto_dial_num =

For more information please refer to the *Yealink_SIP-T2_Series_T19(P) E2_T4_Series_CP860 IP phones_Description of Configuration Parameters in CFG Files_V80_80*

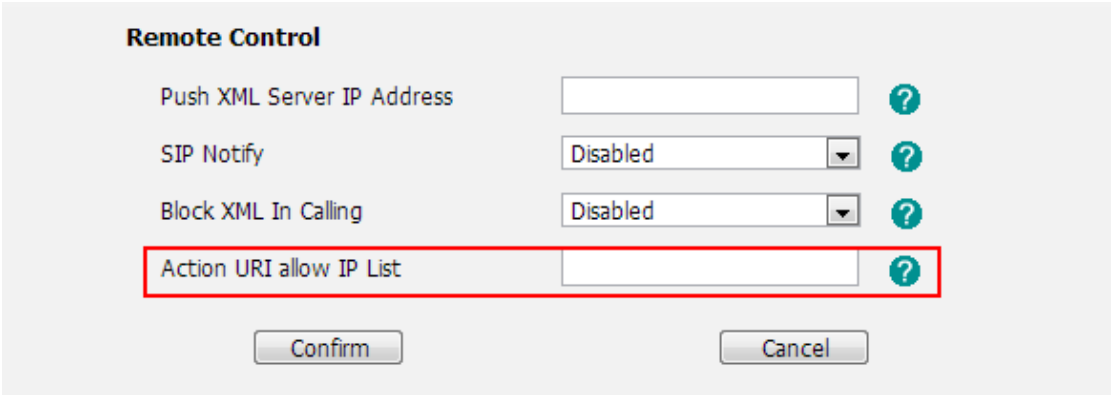
4. **Added the feature of Screen Capture.**

Description: Screen capture feature allows users to capture the current screen that is shown on the phone from the browser window on the computer. This feature is implemented by handling HTTP/HTTPS GET requests sent from the IP address of the computer.

Before using screen capture feature, ensure that the IP address of the computer is included in the trusted IP address of the phone. You can specify one or more trusted IP addresses on the IP phone, or configure the IP phone to receive and handle the URI sent from any IP address.

To configure this feature via web user interface:

- Click on Features->Remote Control-> Action URI allow IP List.
- Enter the IP address or any in the Action URI allow IP List field.



For more information please refer to the *Yealink_SIP-T2_Series_T19(P) E2_T4_Series_CP860 IP phones_Description of Configuration Parameters in CFG Files_V80_80*

5. **Added the feature of BSFT XSI.**

Description: The Xtended Services Interface (XSI) is an HTTP-based, REST-ful Application Programming Interface (API) available over BroadWorks, targeted to end-user functionalities such as call control, call log lists, directories and end-user service configurations. IP phones interoperate with BroadWorks XSI using HTTP

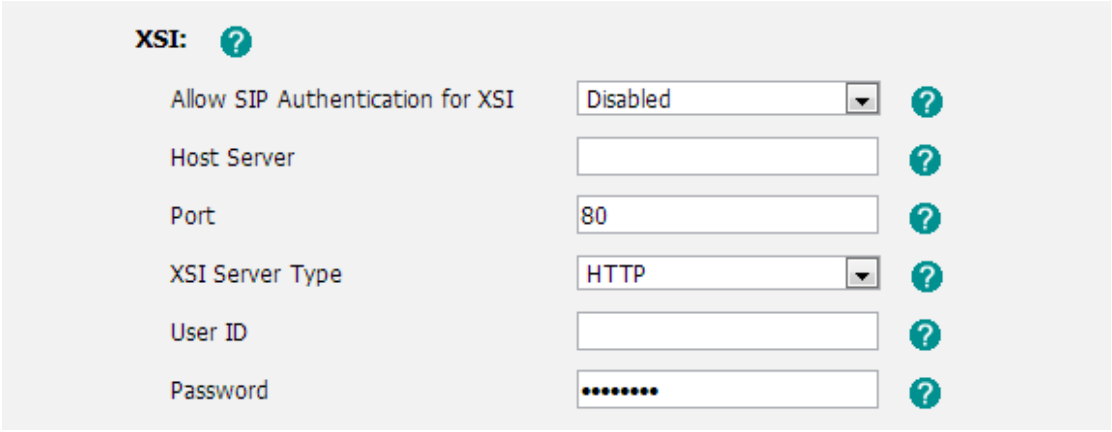
messages.

IP phones interoperating with BroadWorks XSI support the following features:

- Simultaneous Ring Personal
- Line ID Blocking
- Anonymous Call Rejection
- BroadWorks Anywhere
- Remote Office
- BroadSoft Directory
- BroadSoft Call Log
- Call Park

To set the XSI via web user interface:

Click on directory→ Network Directory



The auto provision template is as follows:

sip.authentication_for_xsi =

6. **Added the support of wildcards ($PN and $MAC) in the provisioning server URL.**

Description: When the IP phone obtains a provisioning server URL containing the wildcard $PN/$MAC, it automatically replaces the character $PN/$MAC in the received URL of the provisioning server. When the IP phone is triggered to perform auto provisioning, it will request to download the configuration files from the identified directory on the provisioning server.

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

auto_provision.url_wildcard.pn=

For more information please refer to the

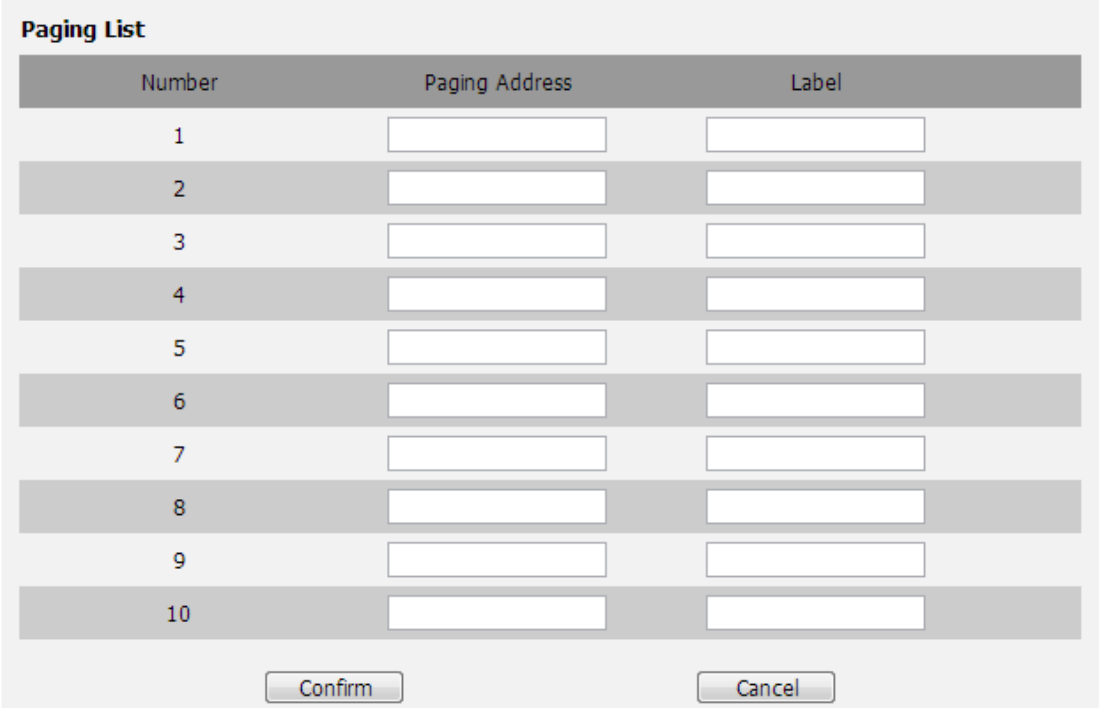
Yealink_T4X_IP_Phone_Auto_Provisioning_Guide_V73_40

7. **Added the feature of Paging List.**

Description: Paging List allows IP Phones to display up to 10 multicast paging group to a paging list. User can access the list by pressing the paging list key, and choose relevant group to paging.

To configure this feature via web user interface:

Directory-> Multicast IP



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

multicast.paging_address.X.ip_address =

multicast.paging_address.X.label =

Yealink_T4X_IP_Phone_Auto_Provisioning_Guide_V73_40

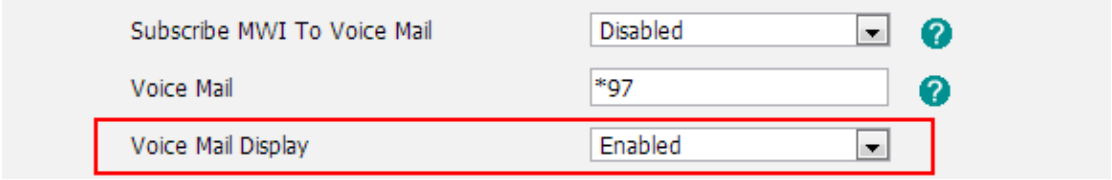
8. **Added the feature to enable or disable voice mail display.**

Description: Added the feature to enable or disable voice mail display.

User can enable or disable the feature from pull-down list of voice mail display, if it was set to disabled, the phone will not prompt anything, and the number of voice mail was zero.

To configure the voice mail display via phone user interface:

Account-> Advanced->Voice Mail Display



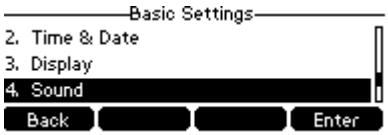
The parameters in the auto provision template are described as follows:

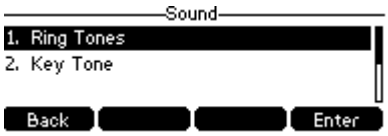
account.X.display_mwi.enable =

9. **Added the feature that user can select different ring tones to distinguish different accounts registered on the phone.**

   To select a ring tone for the phone via phone user interface:

   Press Menu ->Basic Settings ->Sound->Ring Tones



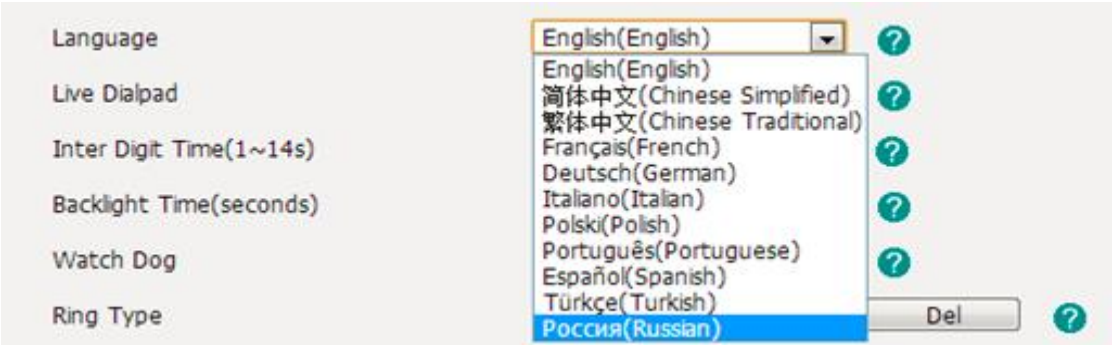


10. **Added the support of Russian input method on the phone.**

    Description: Added the support of Russian and the input method both to the phone/web user interface.

    To configure the language via web user interface:

    Settings->Preference->Language



    To configure the language via phone user interface:

    Press menu->settings->basic settings->language

11. **Added the feature that user can configure the FAC (Feature Access Code) to be hidden.**

    Description: If it is set to be enabled, the phone will display feature name instead

of the feature access code when dialing and in talk.

To use this feature via web user interface:

Features->General Information->Hide Feature Access Codes

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

features.hide_feature_access_codes.enable =

12. **Added the custom settings of web language, phone language and the input method.**

Description: Users can customize the web language and the input method via auto provisioning, or to customize the default web language and the input method.

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

wui_lang.url =

wui_lang_note.url =

lang.wui =

lang.gui =

gui_lang.url =

gui_lang.delete =

wui_lang.delete =

gui_input_method.url =

directory.search_default_input_method =

directory.edit_default_input_method =

For more information please refer to the *Yealink_T4X_IP_Phone_Auto_Provisioning_Guide_V73_40*

13. **Added the feature of Encrypting Configuration Files.**

Description: In the newly version of 80, the configuration files are encrypted for protecting against unauthorized access and tampering of sensitive information.

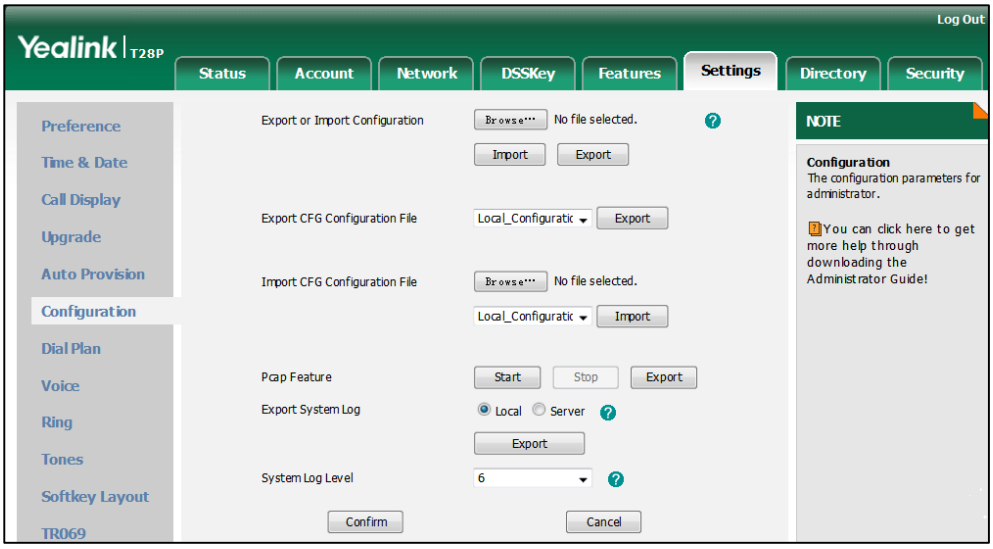
Note: The new firmware is not compatible with old configuration file.

14. **Added the feature of Analyzing Configuration File.**

Description: Two types of configuration files are added to be exported to your local system: <mac>-all.cfg and <mac>-local.cfg. The <mac>-all.cfg configuration file contains all changes made via phone user interface, web user interface and using configuration files. The <mac>-local.cfg configuration file contains changes made via phone user interface and web user interface.

To export local configuration file via web user interface:

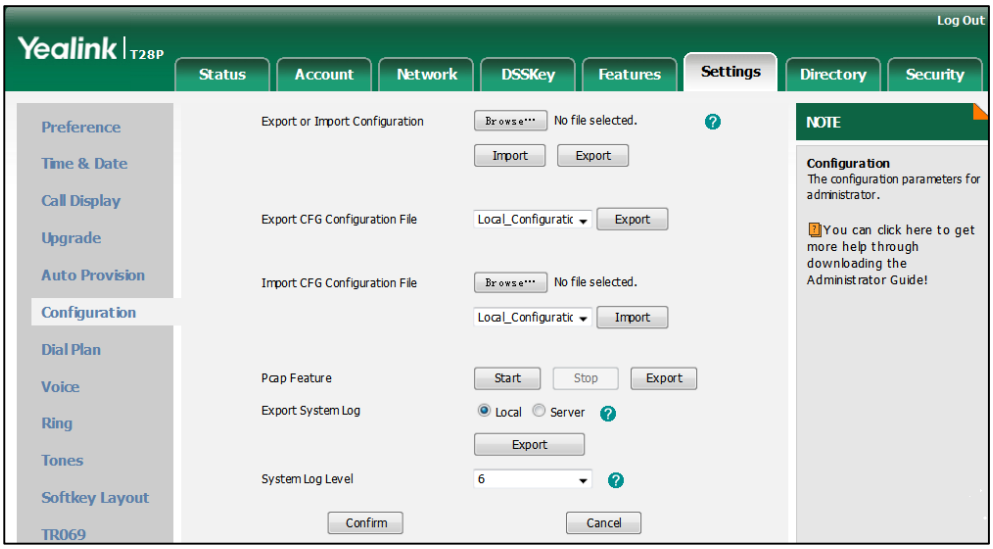
1. Click on Settings->Configuration.
2. In the Local Configuration field, click Export to open file download window, and then save the 001565221229-local.cfg file to the local system.



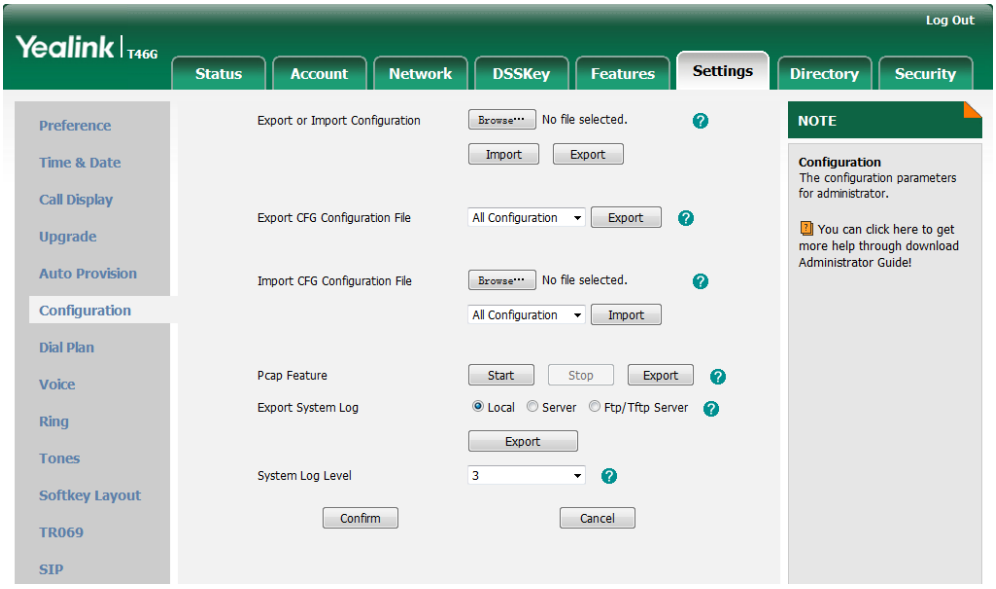
The administrator or user can edit the 001565221229-local.cfg file after exporting.

To import local configuration file via web user interface:

1. Click on Settings->Configuration.
2. In the Local Configuration field, click Browse to locate the 001565221229-local.cfg file from your local system.



In the same way, user can export and import all configuration file via web user interface:



15. Added the custom settings of SIP User Agent.

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

It configures the suffix of User-Agent in SIP request messages from the IP phone for account X.

The following takes the SIP-T28P IP phone running firmware version 2.73.208.87 as an example.

Default value of User-Agent: Yealink SIP-T28P 2.73.208.87

If it is set to Myphone, the User-Agent appears as below:

Yealink SIP-T28P 2.73.208.87 Myphone

The default value is blank.

16. Added the feature of configuring the duration time (in seconds) in the ringing or ring back state.

Description: User could configure the duration time in the ringing or ring back state.

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

phone_setting.ringback_timeout =

It configures the duration time (in seconds) in the ringback state.If it is set to 180, the phone will cancel the dialing if the call is not answered within 180s.The default value is 180.

phone_setting.ringing_timeout =

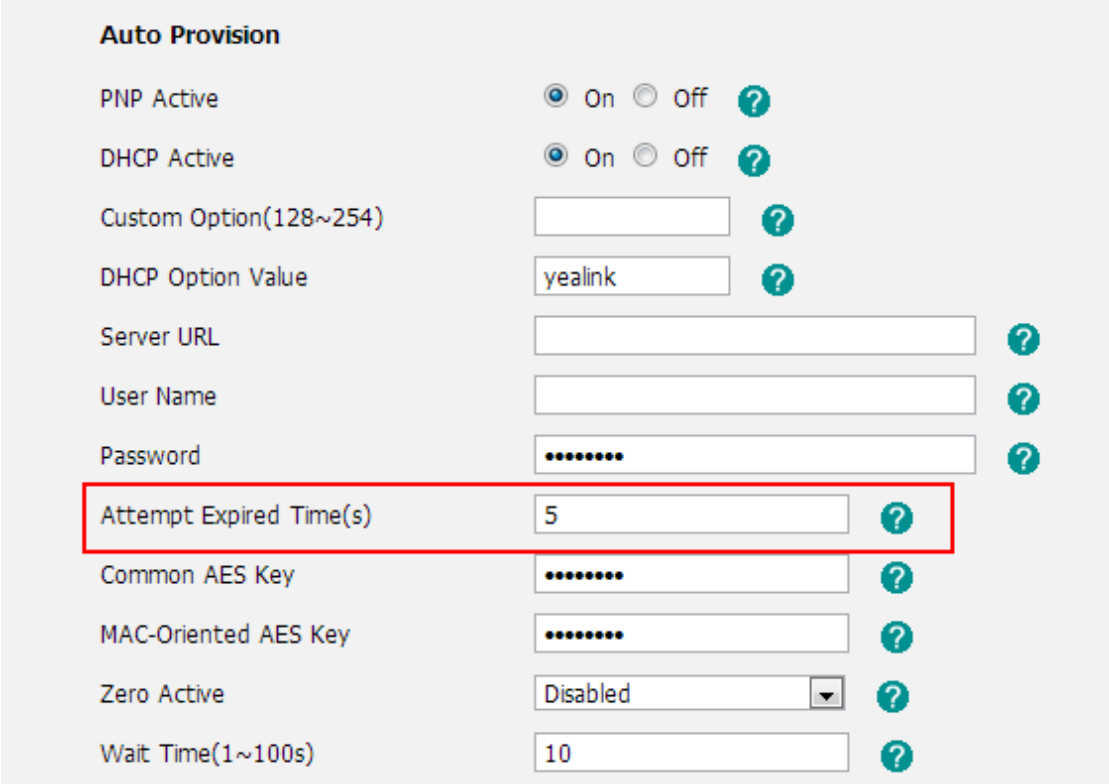
It configures the duration time (in seconds) in the ringing state.If it is set to 180, the phone will reject the incoming call if the call is not answered within 180s.The default value is 180.

17. Add the setting of attempt expired time of auto provision.

Description: Add a configuration item to configures the time (in seconds) to wait after a file transfer fails before retrying the transfer. The default value is 5.

To set the feature via web user interface:

Settings->Auto Provision->Password-> Attempt Expired Time(s)



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

auto_provision.attempt_expired_time =

18. Added the feature of Outbound Proxy Server Backup.

Description: Added the feature of Outbound Proxy Server in the account registration module.

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

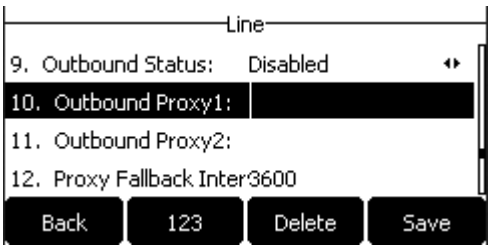
account.X.backup_outbound_host =

account.X.backup_outbound_port =

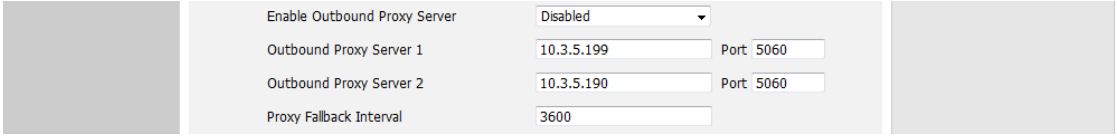
account.X.outbound_proxy_fallback_interval =

To set this feature via phone user interface:

Menu→Setting→Advanced Settings→Accounts



To set this feature via web user interface:



19. Added seven Action URL to the newly version.

Description: The Action URLs were as follows:

Open Call Waiting;

Colse Call Waiting;

Headset;

Handfree;

Cancel Call Out;

Remote Busy;

Call Remote Canceled;

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

action_url.call_waiting_on =

action_url.call_waiting_off =

action_url.headset =

action_url.handfree =

action_url.cancel_callout =

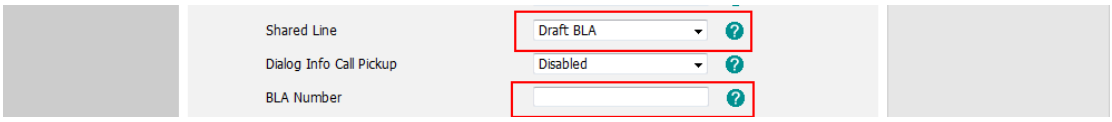
action_url.remote_busy =

action_url.call_remote_canceled =

20. Added the feature of Draft BLA.

To set Draft BLA via web user interface:

Account→Advanced



21. Added the feature of CDP.

Description: Added a new configuration item in the web user interface.

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

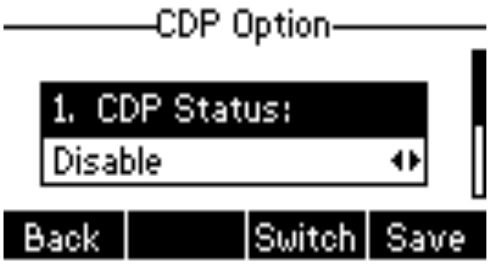
network.cdp.enable =

##Enables or disables the CDP (Cisco Discovery Protocol) feature on the IP phone.

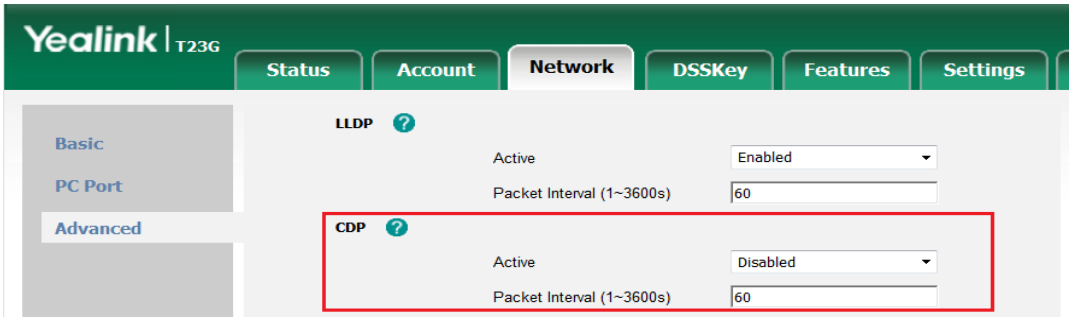
network.cdp.packet_interval =

##Configures the interval (in seconds) for the IP phone to send the CDP (Cisco Discovery Protocol) request.

To set this feature via phone user interface:



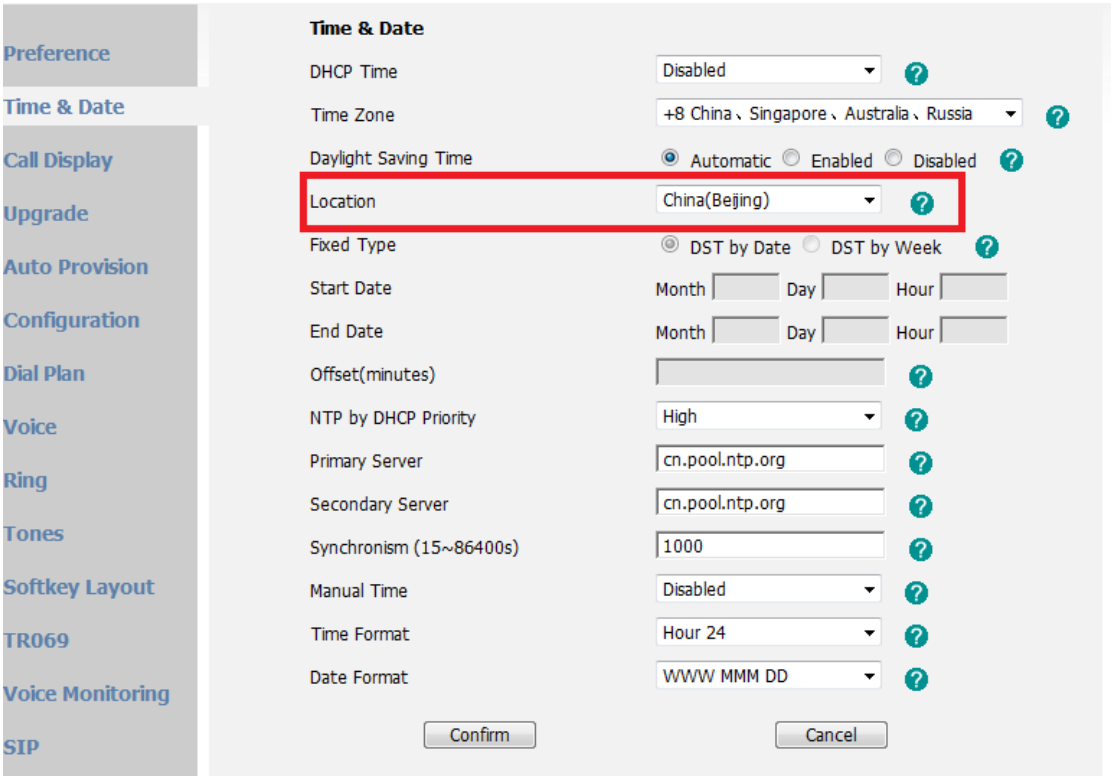
To set this feature via web user interface:



22. Added the feature of Location in TimeZone module.

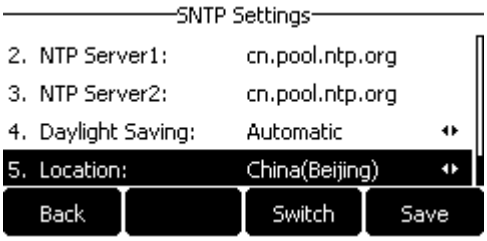
To set the location via web user interface:

Settings->Time & Date



To set this feature via phone user interface:

Menu->Settings->Basic Settings->Time&Date->SNTP Settings



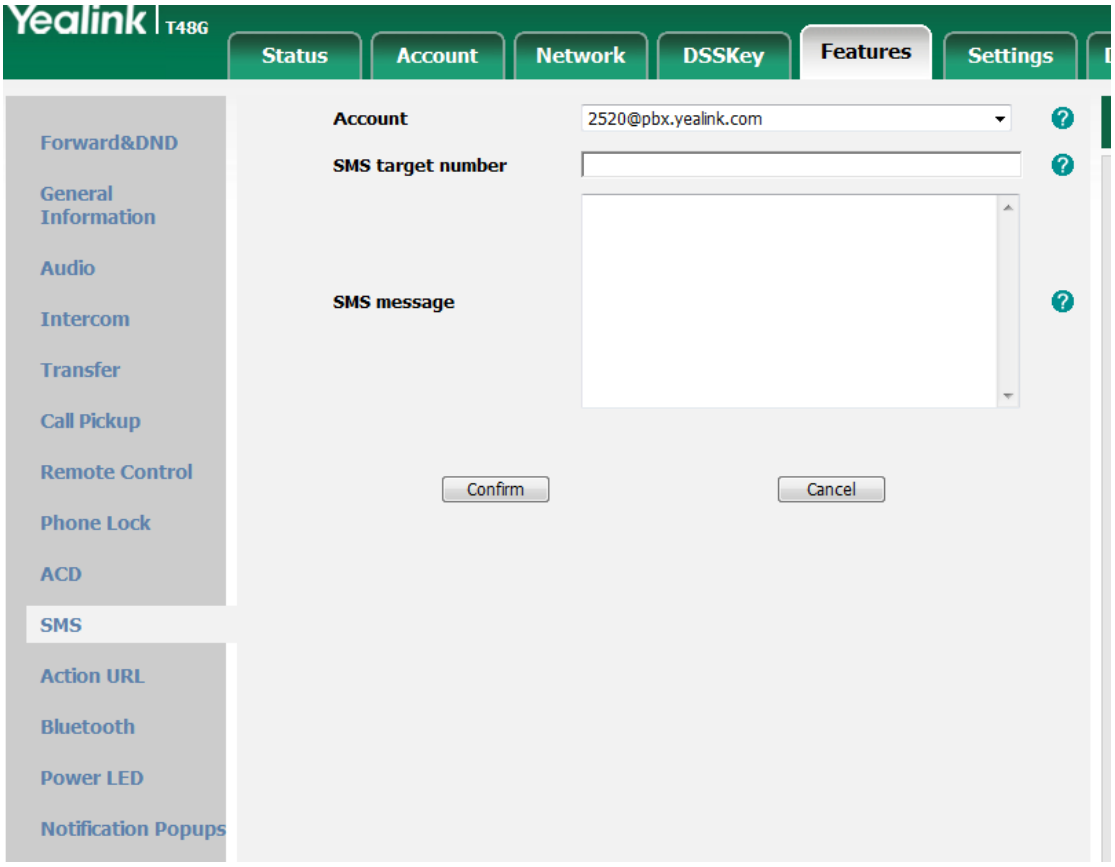
The parameter in the auto provision template is described as follows:

local_time.time_zone_name =

23. Added the feature of SMS in the model of CP860.

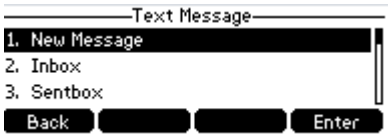
To set the SMS via web user interface:

Features->SMS



To set this feature via phone user interface:

Menu->Message->Text Message



24. Added the feature of SCA.

Description: Modified the configuring item name as Shared Call Appearance in the wen user interface.

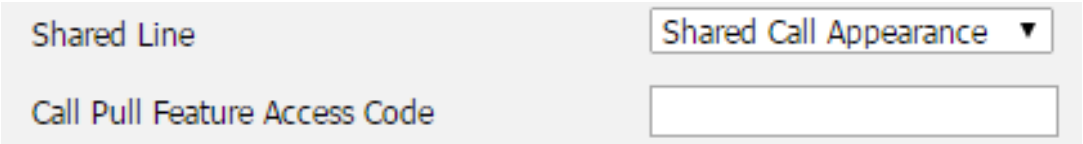
The parameters in the auto provision template are described as follows:

account.1.shared_line =

account.1.shared_line_callpull_code =

To set the SCA via web user interface:

Account→Advanced



25. Added the feature of Call Park and Call Park Notification

Description: Call Park allows a user to park a call against an extension and then retrieve it on another phone. The IP phone provides a visual indicator for the parked call and turns off the indicator after the parked call is retrieved.

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

call_park.enable =

account.1.callpark_enable =

call_park.group_enable =

call_park.park_ring =

call_park.park_visual_notify_enable =

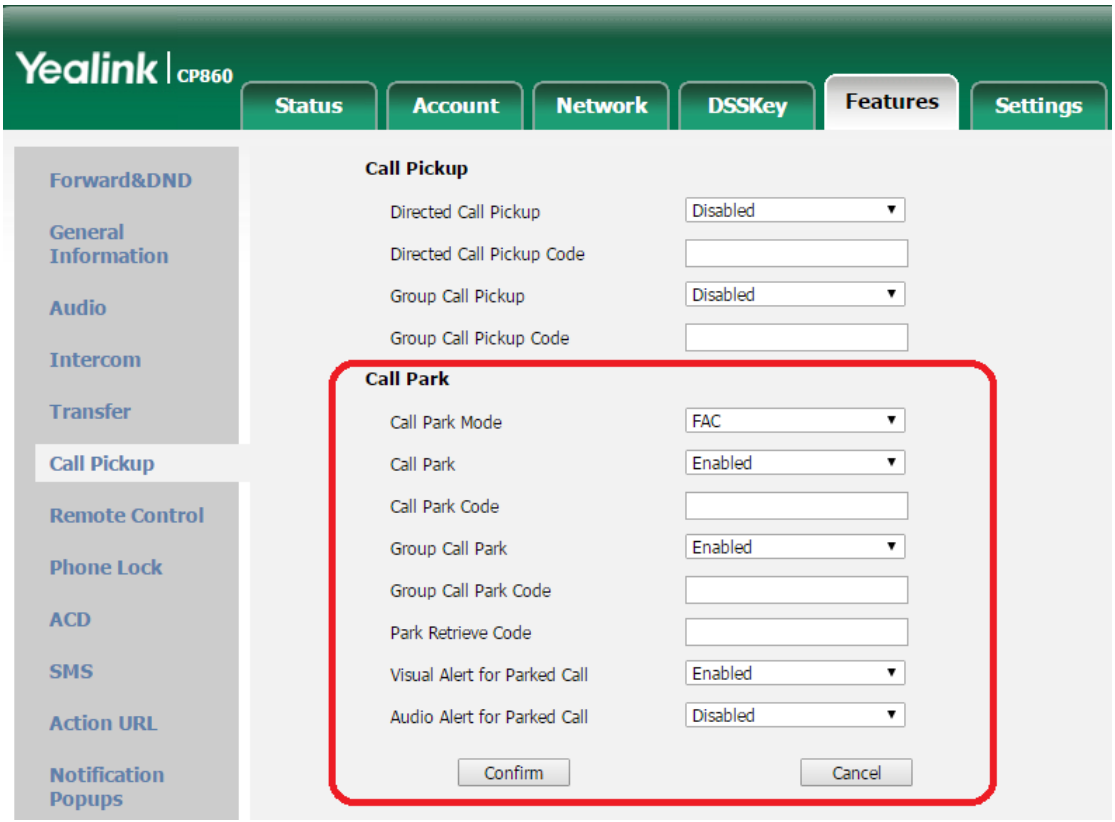
features.call_park.group_park_code =

features.call_park.park_code =

features.call_park.park_mode =

features.call_park.park_retrieve_code =

To set this feature via web user interface:



26. Added the feature of Call Pickup

Description: Call Pickup allows a user to answer someone else's telephone call.

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

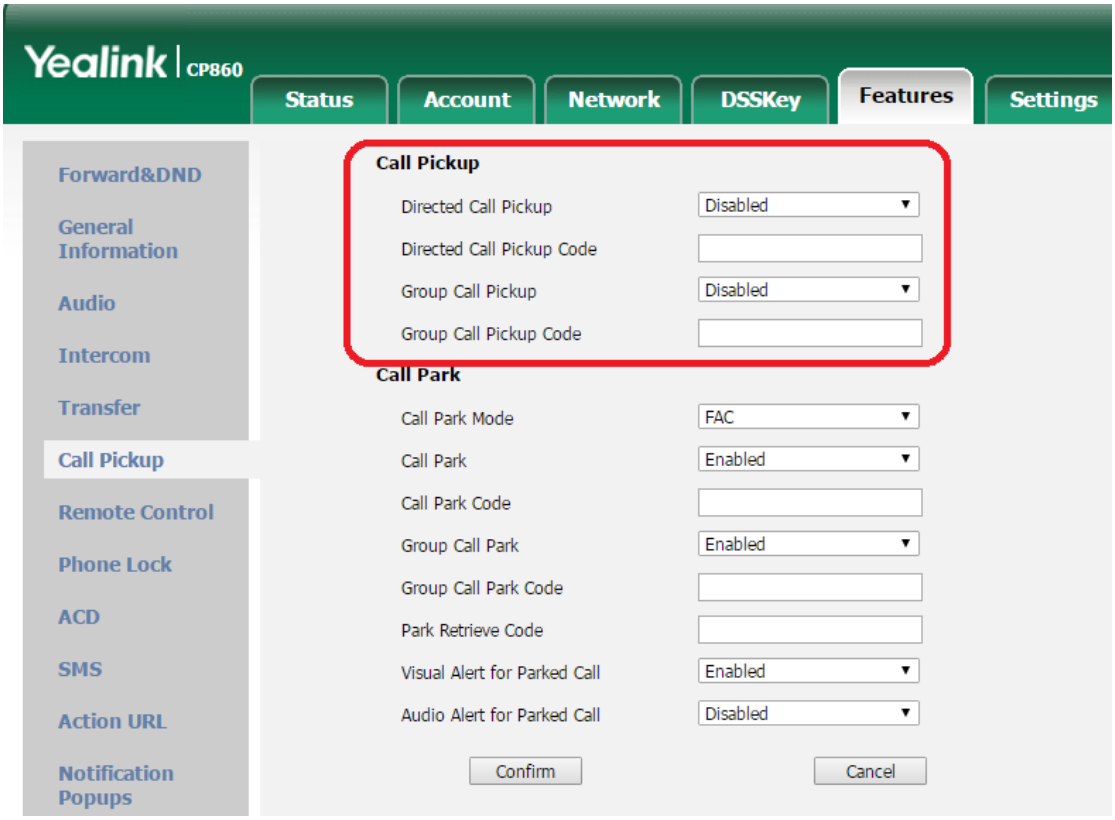
features.pickup.group_pickup_enable =

features.pickup.group_pickup_code =

features.pickup.direct_pickup_enable =

features.pickup.direct_pickup_code =

To set this feature via web user interface:



27. Added the feature of Sequential Ring

Description: Sequential ring allows a user to have up to five secondary locations, which are alerted sequentially upon receiving an incoming call that matches a set of criteria.

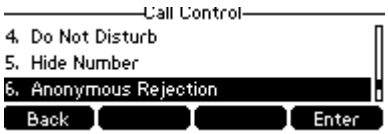
28. Added the feature of Anonymous Call Rejection

Description: Anonymous call rejection allows a user to automatically reject incoming calls from callers who deliberately block their identities from showing up. This feature does not apply to calls from within a group.

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

sip.authentication_for_xsi =
account.1.xsi.user =
account.1.xsi.password =
account.1.xsi.host =
account.1.xsi.server_type =
account.1.xsi.port =

To set this feature via phone user interface:



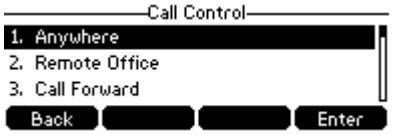
29. Added the feature of Anywhere

Description: BroadWorks anywhere is useful for users demanding the flexibility with their fixed and mobile devices. This feature allows users to designate a single phone number for incoming and outgoing calls, regardless of which phone they are currently using.

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

sip.authentication_for_xsi =
account.1.xsi.user =
account.1.xsi.password =
account.1.xsi.host =
account.1.xsi.server_type =
account.1.xsi.port =

To set this feature via phone user interface:



30. Added the feature of Remote Office

Description: Remote office is especially useful for telecommuters and mobile workers, as it enables them to use all of their phones' features while working remotely (for example, extension dialing, transfers, conference calls, Outlook Integration, directories and so on).

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

sip.authentication_for_xsi =
account.1.xsi.user =
account.1.xsi.password =
account.1.xsi.host =
account.1.xsi.server_type =
account.1.xsi.port =

To set this feature via phone user interface:

31. Added the feature of Hide Number/ Line ID blocking

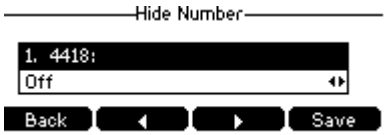
Description: Line ID blocking allows a user to block his identity from showing up when placing a call.

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

sip.authentication_for_xsi =
account.1.xsi.user =
account.1.xsi.password =

account.1.xsi.host =
account.1.xsi.server_type =
account.1.xsi.port =

To set this feature via phone user interface:



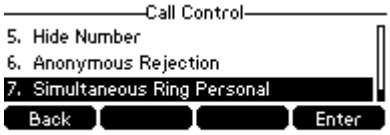
32. Added the feature of Simultaneous Ringing

Description: Simultaneous ring personal allows a user to have up to 10 secondary locations to be alerted simultaneously in addition to the user's primary location, when receiving an incoming call that matches the pre-defined criteria. The call is connected to the user who answers the call first.

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

sip.authentication_for_xsi =
account.1.xsi.user =
account.1.xsi.password =
account.1.xsi.host =
account.1.xsi.server_type =
account.1.xsi.port =

To set this feature via phone user interface:



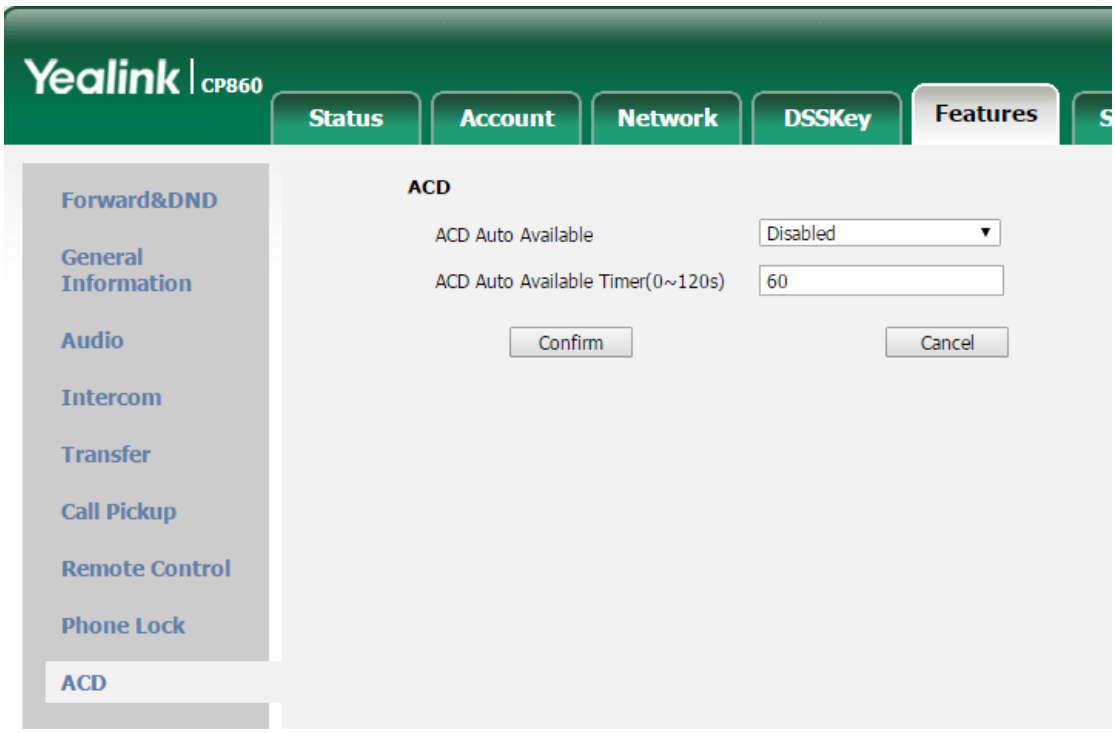
33. Added the feature of ACD

Description: Once ACD is enabled on the IP phone, the user can log into the ACD system by pressing the Login soft key. After logging in the ACD system, the ACD system monitors the ACD status on the user's phone and then decides whether to assign an incoming call to it.

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

acd.auto_available =
acd.auto_available_timer =
account.1.acd.available =
account.1.acd.enable =
account.1.acd.initial_state =
account.1.acd.unavailable_reason_enable =

To set this feature via web user interface:



34. Added the feature of Call Information.

Description: When the agent receives an incoming call, the call center call information is shown on the agent's phone LCD screen. Call center call information includes wait time, call center name, call center phone number and number of calls in queue.

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

account.1.call_center.call_info_enable =

35. Added the feature of Hoteling.

Description: Hoteling enables users to use any available host (shared) phone by logging in with user credentials.

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

account.1.hoteling.auto_login_enable =
account.1.hoteling.enable =
account.1.hoteling.password =
account.1.hoteling.user_id =

36. Added the feature of Hold Reminder.

Description: If a call center call has been on hold after the pre-configured time, BroadWorks sends an INVITE with an Alert-Info header with the ring splash cadence to alert the agent.

37. Added the feature of Disposition Code.

Description: Disposition Code is an additional attribute that enables calls to be identified with promotions, consults and other tags.

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

account.1.call_center.disp_code_enable =
account.1.bw_disp_code.1 =
account.1.bw_disp_code_name.1 =

38. Added the feature of Customer Originated Trace.

Description: Customer Originated Trace is used to trace the origin of an obscene, harassing, or threatening call.

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

account.1.call_center.trace_enable =

39. Added the feature of Emergency Escalation.

Description: BroadWorks provides the capability for the call center agent to immediately escalate a call to a supervisor by pressing a key on the phone. This feature is implemented using the Emergcy soft key or an Emergency key on the IP phone.

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

account.1.call_center.emergency_enable =
account.1.supervisor_info_code.1 =
account.1.supervisor_info_code_name.1 =

40. Added the feature of Queue Status Notification.

Description: Queue Status Notification enables the agent to view the status of the call center queue on the IP phone.

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

account.1.call_center.queue_status_light_enable =
account.1.call_center.queue_status_enable =

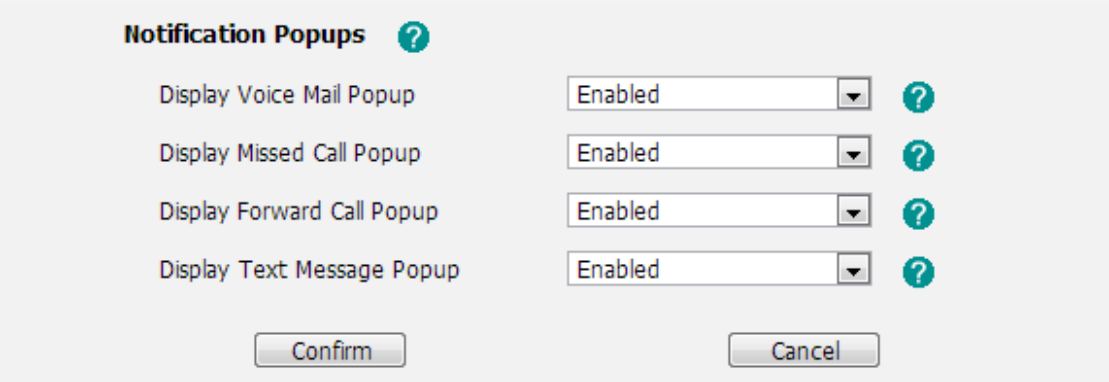
6. Optimization Descriptions

1. **Optimized the feature of Notification Popups.**

   Description: Notification popups feature allows the IP phone to display the pop-up message when it misses a call, forwards an incoming call to other party, receives a new voice mail or new text message.

To set the Notification Popups via web user interface:

- Click on Features→Notification Popups



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

features.voice_mail_popup.enable =

features.missed_call_popup.enable =

features.forward_call_popup.enable =

features.text_message_popup.enable =

For more information please refer to the *Yealink_T4X_IP_Phone_Auto_Provisioning_Guide_V73_40*

2. **Adjusted the order of (Redirection and Provisioning Server) RPS.**
   Description: The order of RPS was adjusted to the last.
   Note: The RPS was enabled by default.

3. **The Router pattern has been removed.**

4. **Optimized the mechanism of syslog level.**
   Description: In the newly version, when the user configured the System Log Level through web interface, the phone would not restart, but when it was configured it by auto provisioning, the phone will still restart.
   The parameters in the auto provision template are described as follows:
   auto_provision.reboot_force.enable =

5. **Optimized the Auto Provision Code of URL address/Name/Password on the LCD interface.**
   Description: Added the autop code feature that the username and password of auto provision URL can now be verified via the LCD interface. At the same time, the web interface will make automatic synchronization of these username and password in the server URL field.

6. **Removed the feature of SNMP.**

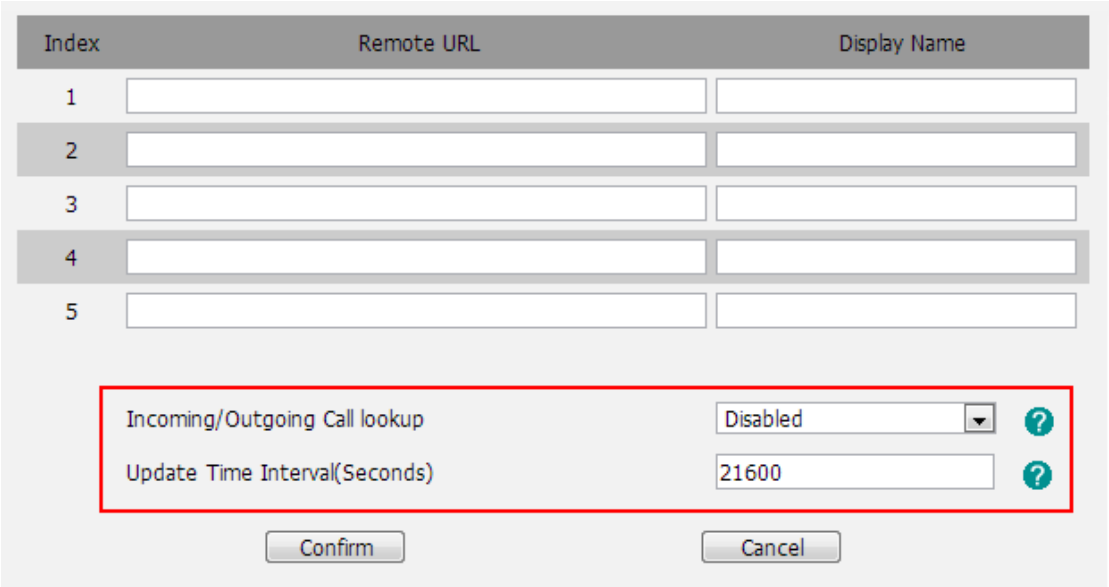
7. **Optimized the sequence of G722 codec to the highest.**

   Description: Optimized the sequence of G722 codec to the highest, the phone will prefer using G722 codec to receive audio and the sound quality is better. And it would not support the GSM codec any more.

8. **Optimized the Remote Phone Book.**

   Description: Optimized the feature that user can enable or disable the IP phone to refresh the local cache of the remote phone book at a time when accessing the remote phone book.

   The configuration of "Search Remote Phonebook Name" which on the web UI is now modified as "Incoming/Outgoing Call Lookup"; "Search Flash Time" is now modified as "Update Time Interval".



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

   features.remote_phonebook.enter_update_enable =

9. **Optimized User Access Level of Web/Phone User Interface.**

   Description: In the newly version of 73, the User Access Level configuration of Web/Phone User interface was unified, and it was compatible with old configuration parameters.

   For more information, please refer to the file of *Yealink Yealink_SIP-T2_Series_T19(P) E2_T4_Series_CP860 IP phones_Description of*

Configuration Parameters in CFG Files_V80_80

10. Optimized the configuration of Anonymous Call Rejection.

Description: In the newly version of 73, the configuration of *"account.X.reject_anonymous_call"* was modified to enable or disable anonymous call rejection feature for account X.

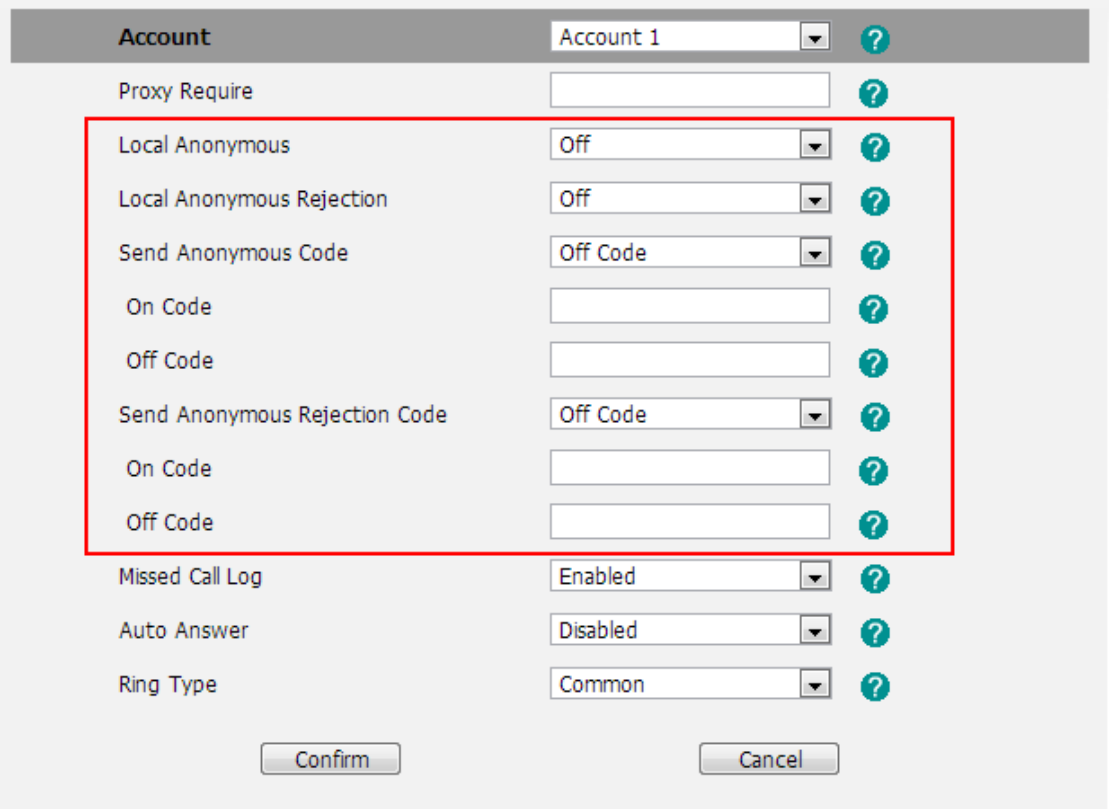
Furthermore, there was a new configuration item of *"account.X.send_anonymous_rejection_code"* was added to configure what code sent to the server for account X.

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

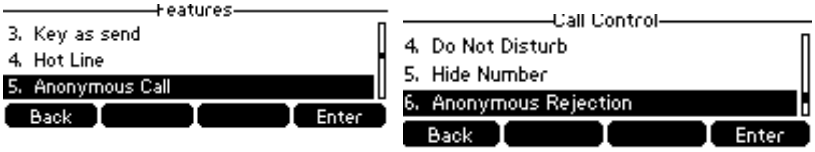
account.X.send_anonymous_rejection_code =

To configure this feature via web user interface:

Account->Basic



To configure this feature via phone user interface:



11. Optimized the call and incoming call displaying on the phone.

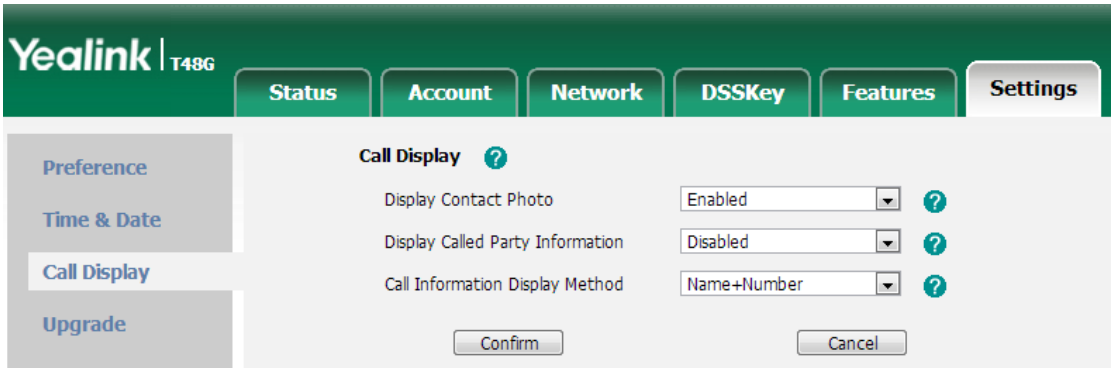
Description: There are three configuration items were added to the new version of 73:

phone_setting.contact_photo_display.enable =

phone_setting.called_party_info_display.enable =

phone_setting.call_info_display_method =

To configure this feature via web user interface:



12. Optimized the feature of default account.

Description: In the newly version, user can configure the default account via auto provisioning.

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

features.default_account =

13. Optimized the displaying of dialing/pre-dialing interface.

Description: Optimized the label displaying at the pre-dialing interface or dialing interface. User can configure User name/Display name or Label via web user interface.

To configure the Call Display via web user interface:

Features->General Information->Display Method on Dialing->Label/Display Name/User Name

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

features.caller_name_type_on_dialing =

14. Optimized the feature of Time zone.

Description: Added all legal time zone to the SIP phone, and the daylight saving time of -7 was modified at the same time.

15. Added splash and silent ring tone to the new version.

16. Optimized the feature of XML Browser.

Description: Unified the resulting response when triggered the object of XML Browser.

17. Added the message format of auto answer.

Description: In the newly version the phone was compatible with auto answer message format.

Call-Info:answer-after=X (X represents 0 or nonnegative integer).

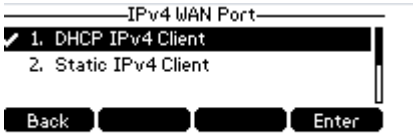
18. Optimized the label is configurable when the Dsskey type was configured as line.

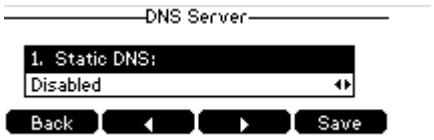
19. Optimized the configuration of DNS.

Description: The DNS is configurable when the DHCP was enable.

To configure this feature via phone user interface:

Menu->Settings->Advanced Settings->Network->Wan Port





20. Optimized the security of the SIP Phone.

Description: In the newly version the security line was added to prevent brute-force cracking.

21. Optimized the LLDP feature to be enabled by default.

22. Optimized the user experience of softkey displaying.

Description: The user experience has been optimized that the softkey of conference can now be displayed normally when the SCA feature was enable.

23. Optimized the option of pull-down list of call control.

Description: In the newly version of CP860, the option of DND was added to the pull-down list.

24. Unified the softkey layout in the talking interface.

25. Optimized the input method on the phone.

Description: Unified the inputting of special characters on the phone user interface. Meanwhile, added the support of vowel/inflexion input.

26. Optimized the feature of Call Park.

Description: Description: Optimized the compatibility of Call Park feature in the S2S platform when user configured the server type via auto provisioning.

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

account.X.sip_server_type =

For more information please refer to the

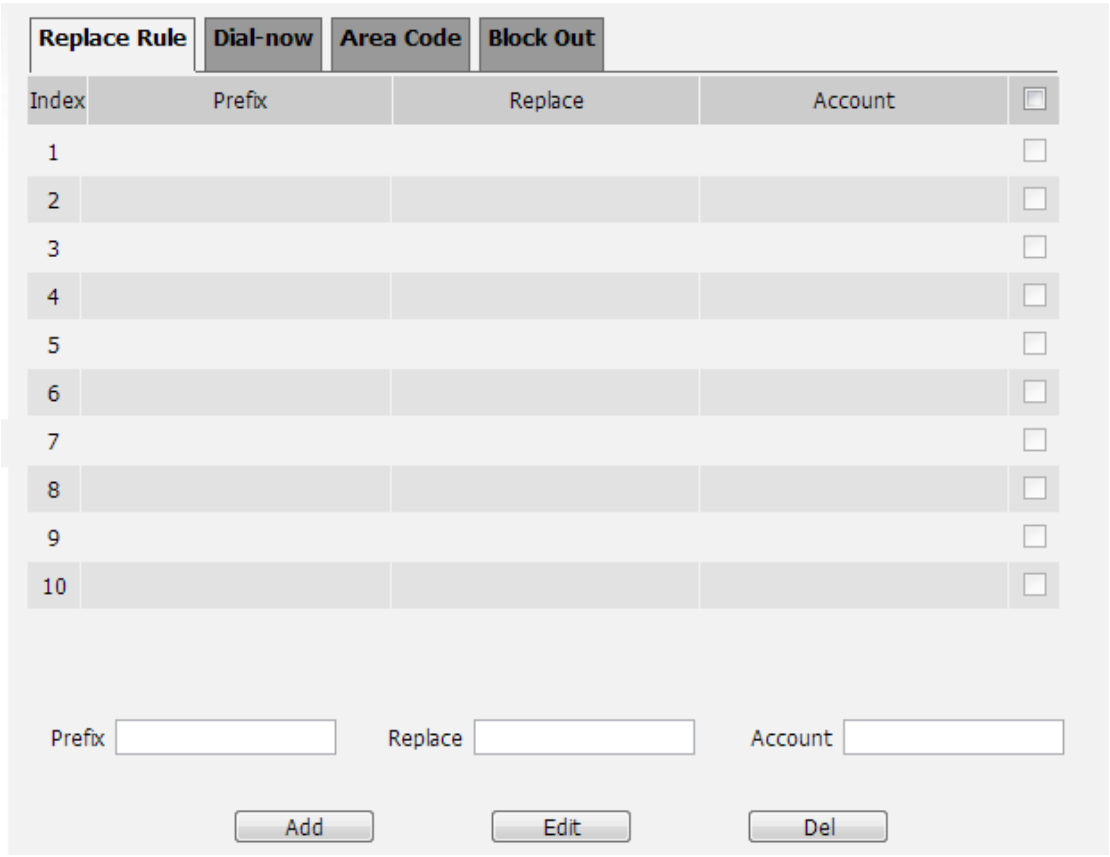
Yealink_T4X_IP_Phone_Auto_Provisioning_Guide_V73_40

27. Optimized the size of dial plan to 1024 characters.

Description: The input field can enter up to 1024 characters which in the web page of dial plan.

To access the web page of dial plan:

Settings->Dial Plan



28. Optimized the ACD feature.

Description: Optimized the compatibility of ACD feature in the S2S platform when user configured the server type via auto provisioning.

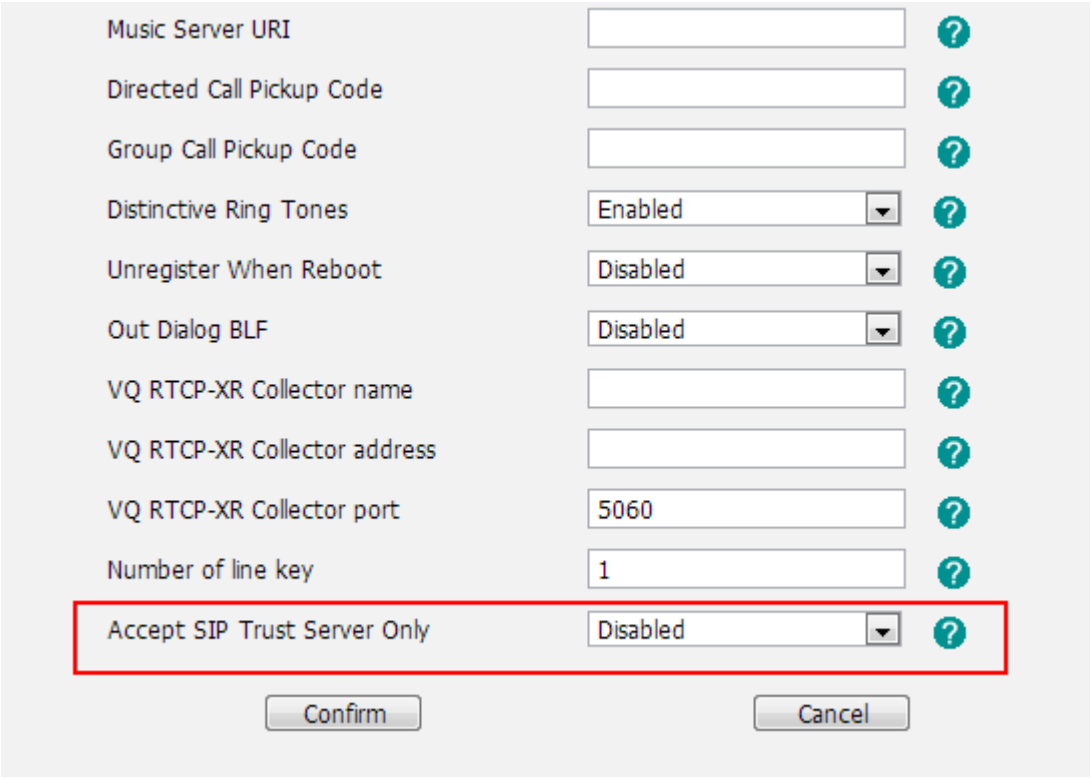
For more information please refer to the Using_Star2Star_ACD_on_Yealink_IP_Phones.docx

29. Optimized the feature of prevent harassment.

Description: Added a new configuration item in the web interface for preventing attacks.

To set the feature via web user interface:

Account-> Advanced Accept->SIP Trust Server Only



30. Optimized the display mode of Call log.

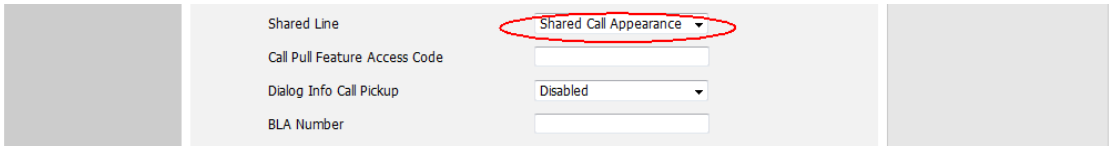
Description: Optimized the feature that user can now configure the IP phone to save either forward-to/transfer-to number or called number in the call log lists.

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

features.save_init_num_to_history.enable =

31. Optimized the feature of DTMF.

Description: The configuration item of "Autop or SIP INFO" was modified as "RFC2833+SIP INFO" which in the webpage path of Account->Advanced->DTMF Type. DTMF digits are transmitted by RTP Events compliant to RFC 2833 and the SIP INFO messages.



32. Optimized the content of note on the SIP phones.

Description: Removed the note feature on the black-and-white screens. Optimized the prompts indicates on the color screen.

The parameter in the auto provision template is described as follows:

account.X.display_name =

For more information please refer to the *Yealink_SIP-T2_Series_T19(P) E2_T4_Series IP phones_Description of Configuration Parameters in CFG Files_V80_60*

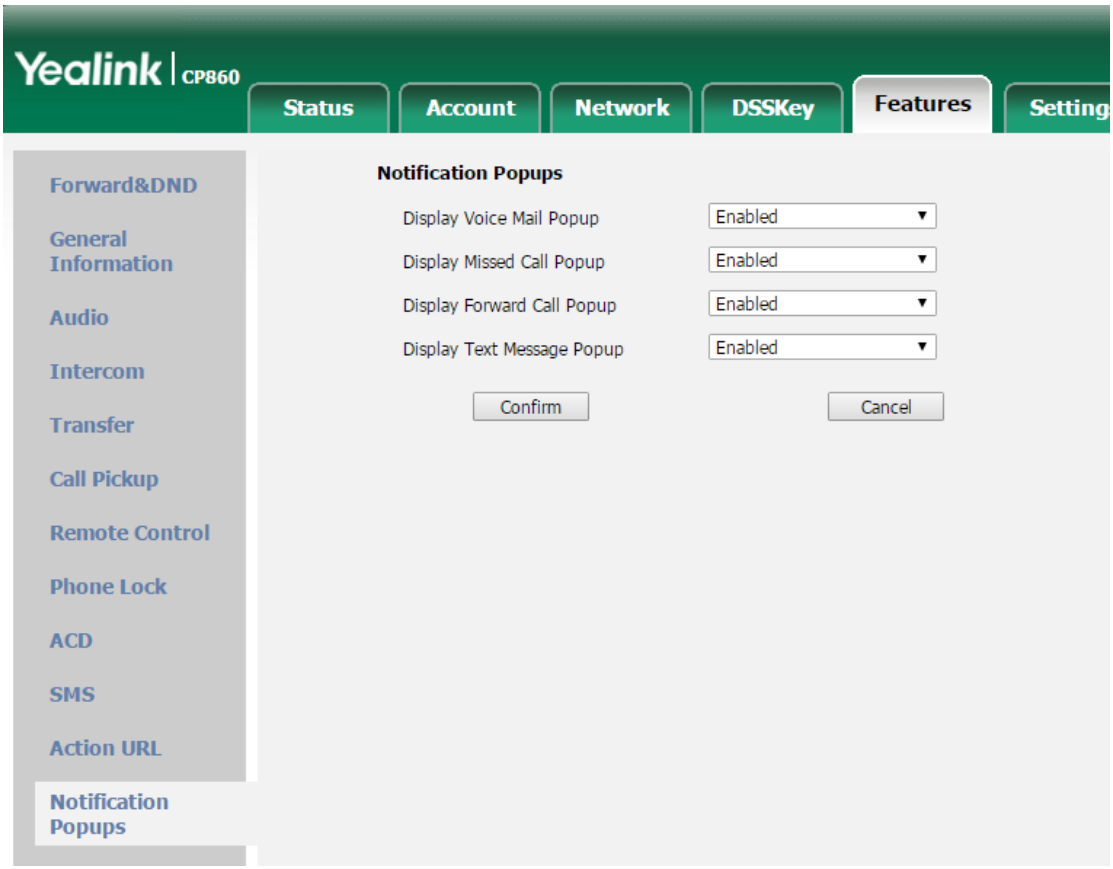
33. Optimized the account label is available when the notification of missed call popups.

Description: When the notification of missed call popups, the account label is still available.

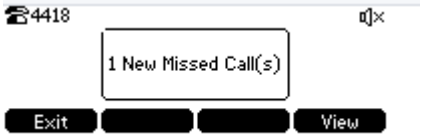
The parameter in the auto provision template is described as follows:

features.missed_call_popup.enable=

To set the feature via web user interface:



To set this feature via phone user interface:



34. Optimized the feature of System Log.

Description: In the newly version, when the user configured the System Log Level through web interface, the phone would not restart, but when it was configured it by auto provisioning, the phone will still restart.

The parameter in the auto provision template is described as follows:

syslog.mode =

syslog.server =

syslog.log_level =

syslog.bootlog_upload_wait_time =

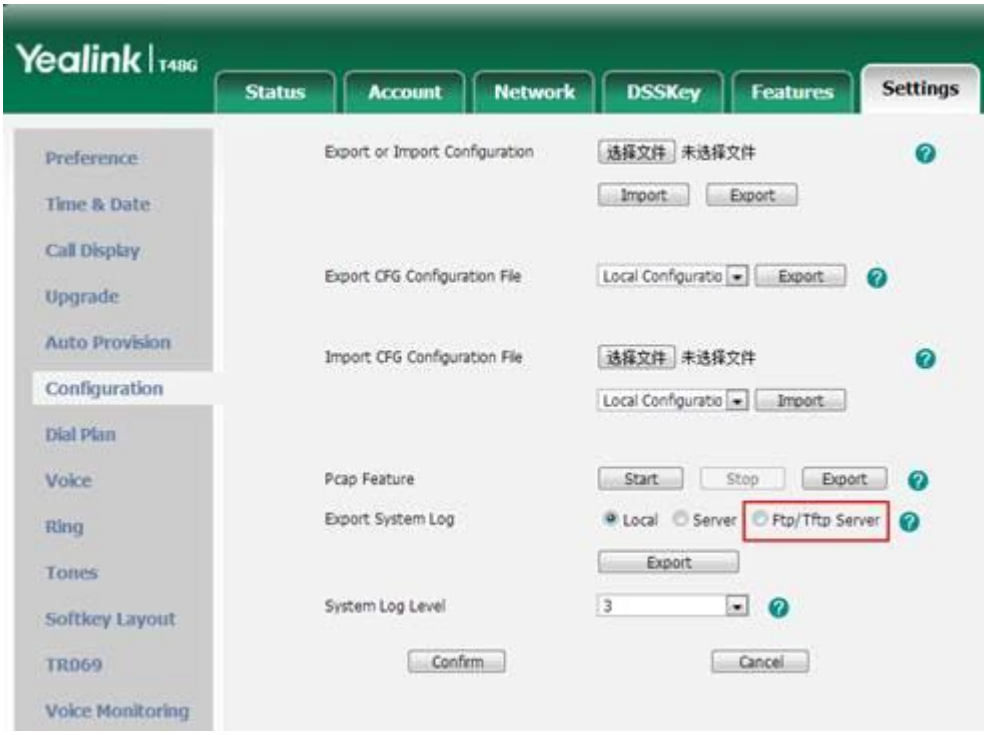
syslog.ftp.append_limit_mode =

syslog.ftp.max_logfile =

syslog.ftp.post_mode =

syslog.log_upload_period =

To set the feature via web user interface:



35. Optimized the feature of Setup Wizard

Description: In the newly version, When the IP phone is first powered on or the phone settings are reset to factory defaults, the setup wizard will appear on the LCD screen after startup. The IP phone will play the startup music before the setup wizard appears. If not, go to the next step.

The parameter in the auto provision template is described as follows:

features.setup_wizard.enable =

7. Configuration Parameters Enhancements

Auto Provision Template Flies Change Log

Firmware Version： [37.72.0.10]-[37.80.0.10]						
Feature	**Provisioning syntax Comparison**		**Permitted Values**	**Action**	**Description**	**File**
	V72	**V80**				
ACD		acd.auto_available_timer =	Integer from 0 to 120	Add	It configures the interval (in seconds) for the status of the ACD agent to be automatically changed to available. Note: It works only if the value of the parameter “account.X.acd.enable” and “acd.auto_available” are set to 1 (Enabled).	common.cfg
Action URL		action_url.call_remote_canceled =	URL within 511 characters	Add	It configures the action URL the IP phone sends when the remote party cancels the outgoing call in the ringing state. Example: action_url.call_remote_canceled= http://192.168.0.20/help.xml?IP=$ip	common.cfg
Action URL		action_url.call_waiting_off =	URL within 511 characters	Add	It configures the action URL the IP phone sends when call waiting feature is disabled. Example: action_url.call_waiting_off = http://192.168.0.20/help.xml?IP=$ip	common.cfg
Action URL		action_url.call_waiting_on =	URL within 511 characters	Add	It configures the action URL the IP phone sends when call waiting feature is enabled. Example: action_url.call_waiting_on = http://192.168.0.20/help.xml?IP=$ip	common.cfg

Action URL		action_url.cancel_callout =	URL within 511 characters	Add	It configures the action URL the IP phone sends when cancels the outgoing call in the ring-back state. Example: action_url.cancel_callout= http://192.168.0.20/help.xml?IP=$ip	common.cfg
Action URL		action_url.held =	URL within 511 characters	Add	It configures the action URL the IP phone sends when a call is held. Example: action_url.held = http://192.168.0.20/help.xml?IP=$ip	common.cfg
Action URL		action_url.remote_busy =	URL within 511 characters	Add	It configures the action URL the IP phone sends when the outgoing call is rejected. Example: action_url.remote_busy = http://192.168.0.20/help.xml?IP=$ip	common.cfg
Action URL		action_url.setup_autop_finish =	URL within 511 characters	Add	It configures the action URL the IP phone sends when completing auto provisioning via power on. Example: action_url.setup_autop_finish = http://192.168.0.20/help.xml?IP=$ip	common.cfg
Action URL		action_url.unheld =	URL within 511 characters	Add	It configures the action URL the IP phone sends when a call being held is resumed. Example: action_url.unheld = http://192.168.0.20/help.xml?IP=$ip	common.cfg
Autop_Expired Time		auto_provision.attempt_expired_time =	Integer from 1 to 300	Add	It configures the time (in seconds) to wait after a file transfer fails before retrying	common.cfg

					the transfer via auto provisioning. Note: It has a higher priority than the value defined by the parameter "network.attempt_expired_time".	
Autop_Protect		auto_provision.custom.protect =	0 or 1	Add	Enables or disables the IP phone to keep user personalized settings after auto provisioning. 0-Disabled 1-Enabled If it is set to 1 (Enabled), personalized settings via web or phone user interface will be kept after auto provisioning.	common.cfg
Autop_Protect		auto_provision.custom.sync =	0 or 1	Add	It enables or disables the IP phone to periodically (every 5 minutes) upload the <MAC>-local.cfg file to the provisioning server, and download the <MAC>-local.cfg file from the provisioning server during auto provisioning. 0-Disabled 1-Enabled If it is set to 1 (Enabled), the IP phone will periodically upload the <MAC>-local.cfg file to the provisioning server to back up this file. During auto provisioning, the IP phone will download the <MAC>-local.cfg file from the provisioning server to override the one stored on the phone. If it is set to 0 (Disabled), the IP phone will not upload the	common.cfg

					<MAC>-local.cfg file to the provisioning server. During auto provisioning, the IP phone will not download the <MAC>-local.cfg file from the provisioning server.	
Autop_Protect		auto_provision.custom.upload_method =	0 or 1	Add	It configures the way the IP phone uploads the <MAC>-local.cfg file to the provisioning server (for HTTP/HTTPS server only). 0-PUT 1-POST Note: It works only if the value of the parameter "auto_provision.custom.sync" is set to 1 (Enabled).	common.cfg
Autop_Reboot		auto_provision.reboot_force.enable =	0 or 1	Add	It enables or disables the IP phone to reboot after auto provisioning when there is no specific configuration requiring a reboot. It is especially useful when there is no specific configuration requiring reboot in the configuration files, but you want to force the IP phone to reboot after auto provisioning. 0-Disabled 1-Enabled Note: It works only for the current auto provisioning process. If you want the IP phone to reboot after every auto provisioning process, the parameter must be always contained in the configuration file and set to 1. If the IP phone reboots repeatedly after it is set to 1, you can try to set the	common.cfg

					value of parameter "auto_provision.power_on" to 0 (Off).	
Autop wildcard		auto_provision.url_wildcard.pn	URL within 511 characters	Add	It configures the characters to replace the wildcard $PN in the received URL of the provisioning server. Note: The configured characters must be in accordance with the actual directory name of the provisioning server.	common.cfg
Input Method		directory.edit_default_input_method =	Abc, 2aB, 123, abc, ABC or Hebrew	Add	It configures the default input method when the user edits contacts in the Local Directory, LDAP, Remote Phone Book, Blacklist or Network Directory. Example: directory.edit_default_input_method = abc Note: If you want to configure the default input method to Hebrew, you need to set the value of the parameter “features.input.hebrew_enable” to 1 (Enabled) in advance.	common.cfg
Input Method		directory.search_default_input_method =	Abc, 2aB, 123, abc, ABC or Hebrew	Add	It configures the default input method when the user searches for contacts in the Local Directory, LDAP, Remote Phone Book, Blacklist or Network Directory. Example: directory.search_default_input_method = abc Note: If you want to configure the default input method to Hebrew, you	common.cfg

					need to set the value of the parameter "features.input.hebrew_enable" to 1 (Enabled) in advance.	
Static DNS Cache	account.X.dns_cache_a.Y.name =	dns_cache_a.1.ip =	IP address	Change	It configures the IP address that the domain name in A record X maps to. Example: dns_cache_a.1.ip = 192.168.1.13	mac.cfg/ common.cfg
Static DNS Cache	account.X.dns_cache_a.Y.ip =	dns_cache_a.1.name =	Domain name	Change	It configures the domain name in A record X. Example: dns_cache_a.1.name = yealink.pbx.com	mac.cfg/ common.cfg
Static DNS Cache	account.X.dns_cache_a.Y.ttl =	dns_cache_a.1.ttl =	Integer from 30 to 2147483647	Change	It configures the time interval (in seconds) that A record X may be cached before the record should be consulted again. Example: dns_cache_a.1.ttl = 3600	mac.cfg/ common.cfg
Static DNS Cache	account.X.dns_cache_srv.Y.name =	dns_cache_naptr.1.flags =	S, A, U or P	Change	It configures the flag of NAPTR record X. (Always "S" for SIP, which means to do an SRV lookup on whatever is in the replacement field) S-Do an SRV lookup next A-Do an A lookup next U-No need to do a DNS query next P-Service customized by the user Example: dns_cache_naptr.1.flags = S	mac.cfg/ common.cfg
Static DNS Cache	account.X.dns_cache_srv.Y.port =	dns_cache_naptr.1.name =	Domain Name	Change	It configures the domain name to which NAPTR record X refers. Example: dns_cache_naptr.1.name = yealink.pbx.com	mac.cfg/ common.cfg
Static DNS Cache	account.X.dns_ca	dns_cache_naptr.1.order =	Integer from 0 to 65535	Change	It configures the order of NAPTR record X.	mac.cfg/ common.

	che_srv.Y.priority =				NAPTR record with lower order is more preferred. Example: dns_cache_naptr.1.order = 90	cfg
Static DNS Cache	account.X.dns_cache_srv.Y.target =	dns_cache_naptr.1.preference =	Integer from 0 to 65535	Change	It configures the preference of NAPTR record X. NAPTR record with lower preference is more preferred. Example: dns_cache_naptr.1.preference = 50	mac.cfg/ common.cfg
Static DNS Cache	account.X.dns_cache_srv.Y.weight =	dns_cache_naptr.1.replace =	Domain name	Add	It configures a domain name to be used for the next SRV query in NAPTR record X. Example: dns_cache_naptr.1.replace = _sip._tcp.yealink.pbx.com	mac.cfg/ common.cfg
Static DNS Cache	account.X.dns_cache_srv.Y.ttl =	dns_cache_naptr.1.service =	String within 32 characters	Change	It configures the transport protocol available for the SIP server in NAPTR record X. SIP+D2U: SIP over UDP SIP+D2T: SIP over TCP SIP+D2S: SIP over SCTP SIPS+D2T: SIPS over TCP Example: dns_cache_naptr.1.service = SIP+D2T	mac.cfg/ common.cfg
Static DNS Cache	account.X.dns_cache_naptr.Y.name =	dns_cache_naptr.1.ttl =	Integer from 30 to 2147483647	Change	It configures the time interval (in seconds) that NAPTR record X may be cached before the record should be consulted again. Example: dns_cache_naptr.1.ttl = 3600	mac.cfg/ common.cfg
Static DNS Cache	account.X.dns_cache_naptr.Y.flags =	dns_cache_srv.1.name =	S, A, U or P	Change	It configures the domain name in SRV record X. Example: dns_cache_srv.1.name =	mac.cfg/ common.cfg

					_sip._tcp.yealink.pbx.com	
Static DNS Cache	account.X.dns_cache_naptr.Y.order =	dns_cache_srv.1.port =	Integer from 0 to 65535	Change	It configures the port to be used in SRV record X. Example: dns_cache_srv.1.port = 5060	mac.cfg/ common.cfg
Static DNS Cache	account.X.dns_cache_naptr.Y.preference =	dns_cache_srv.1.priority =	Integer from 0 to 65535	Change	It configures the priority for the target host in SRV record X. Lower priority is more preferred.	mac.cfg/ common.cfg
Static DNS Cache	account.X.dns_cache_naptr.Y.replace =	dns_cache_srv.1.target =	Domain Name	Change	It configures the domain name of the target host for an A query in SRV record X. Example: dns_cache_srv.1.target = server1.yealink.pbx.com	mac.cfg/ common.cfg
Static DNS Cache	account.X.dns_cache_naptr.Y.service =	dns_cache_srv.1.ttl =	Integer from 30 to 2147483647	Change	It configures the time interval (in seconds) that SRV record X may be cached before the record should be consulted again. Example: dns_cache_srv.1.ttl = 3600	mac.cfg/ common.cfg
Static DNS Cache	account.X.dns_cache_naptr.Y.ttl =	dns_cache_srv.1.weight =	Integer from 30 to 2147483647	Change	It configures the weight of the target host in SRV record X. When priorities are equal, weight is used to differentiate the preference. Higher weight is more preferred. Example: dns_cache_srv.1.weight = 1	mac.cfg/ common.cfg
Features_ Action URI		features.action_uri.enable =	0 or 1	Add	It enables or disables the IP phone to receive the action URI requests. 0-Disabled 1-Enabled	common.cfg
Features_ Action		features.action_uri_force_aut	0 or 1	Add	It enables or disables the IP phone to be forced to end	common.cfg

URI		op =			the call for triggering auto provisioning immediately when receiving an HTTP or HTTPS GET request with variable value set to AutoP during a call. 0-Disabled 1-Enabled If it is set to 0 (Disabled), the IP phone will trigger auto provision after the call. Note: It works only if the value of the parameter "features.action_uri.enable" is set to 1 (Enabled).	
Features_ Others		features.anonymous_response_code =	Integer from 0 to 65535	Add	It configures the code the phone responds with to the server when it receives an anonymous call. Note: It works only if the value of parameter "account.X.reject_anonymous_call" is set to 1 (On).	common.cfg
Features_ Auto Answer		features.auto_answer_tone.enable =	0 or 1	Add	It enables or disables the phone to play a warning tone when an incoming call is automatically answered. 0-Disabled 1-Enabled Note: For the call coming from a SIP account, it works only if the value of the parameter "account.X.auto_answer" is set to 1 (Enabled). It is also applicable to IP calls.	common.cfg
Features_ Others		features.call_completion_enable =	0 or 1	Add	It enables or disables the call completion feature. If a user places a call and the callee is temporarily unavailable to answer the call, call completion feature	common.cfg

					allows notifying the user when the callee becomes available to receive a call. 0-Disabled 1-Enabled If it is set to 1 (Enabled), the caller is notified when the callee becomes available to receive a call.	
Features_ Others		features.call_invite_format =	0 or 1	Add	It configures the format of callee field in the INVITE message. 0- sip:XXX 1- tel:Number If it is set to 1, you need to set the value of the parameter "account.X.outbound_proxy_enable" to 1 and set the paremeter "account.X.outbound_host" in advance.	common.cfg
Features_ History		features.call_log_show_num =	0 or 1	Add	It enables or disables the IP phone to show the other party's phone number instead of the name in the call log lists. 0-Disabled 1-Enabled If it is set to 0 (Disabled), the IP phone will show the other party's name in the call log lists. If it is set to 1 (Enabled), the IP phone will show the other party's phone number in the call log lists. Note: It works only if the value of the parameter "features.save_call_history" is set to 1 (Enabled).	common.cfg

Features_ Others	features. display_ method _on_dial ing =	features.caller_ name_type_on _dialing =	1, 2 or 3	Change	It configures the account information displayed on the top left corner of the LCD screen when the IP phone is on the pre-dialing or dialing screen. 1-Label 2-Display Name 3-User Name	common. cfg
Features_ DTMF		features.dtmf.d uration =	Integer from 0 to 300	Add	It configures the duration time (in milliseconds) for DTMF. Note: If the time interval to between two DTMF digits is less than this value, two or more same DTMF digits could be identified as one DTMF digit. This may cause the loss of one or more DTMF digits. For example, 2662 may be identified as 262. If so, you can modify the value of this parameter to a little lower than the default value.	common. cfg
Features_ DTMF		features.dtmf.v olume =	Integer from -33 to 0	Add	It configures the frequency level of DTMF digits (in db).	common. cfg
Features_ FWD		features.forwar d.emergency.a uthorized_num ber =	String within 511 characters	Add	It configures the authorized numbers not to be forwarded even if call forward feature is enabled. Multiple numbers are separated by commas. Example: features.forward.emergency .authorized_number = 123,124 Note: It works only if the value of the parameter “features.forward.emergenc y_enable” is set to 1 (Enabled).	common. cfg

Features_ FWD		features.forward.emergency.enable =	0 or 1	Add	It enables or disables the incoming calls from some authorized numbers not to be forwarded when the call forward feature is enabled. 0-Disabled 1-Enabled	common.cfg
Notification Popups		features.forward_call_popup.enable =	0 or 1	Add	It enables or disables the IP phone to display the pop-up message box when it forwards an incoming call to other party. 0-Disabled 1-Enabled	common.cfg
Features_ Others		features.hide_feature_access_codes.enable =	0 or 1	Add	It enables or disables the IP phone to display the feature name instead of the feature access code when dialing and in talk. 0-Disabled 1-Enabled The following feature access codes will be instead when this feature is enabled: Voice Mail Pick up Group Pick up Barge In Retrieve Call Park Group Park Call Pull	common.cfg
Zero Touch		features.hide_zero_touch_url.enable =	0 or 1	Add	It enables or disables the phone to hide the provisioning URL item on the Zero Touch screen. 0-Disabled 1-Enabled	common.cfg
Features_		features.hotlin	Integer	Add	It configures the waiting	common.

Hotline		e_delay =	from 0 to 10		time (in seconds) for the IP phone to automatically dial out the hotline number. If it is set to 0 (0s), the IP phone will immediately dial out the preconfigured hotline number when you lift the handset, press the speakerphone/off-hook key or press the line key. If it is set to a value greater than 0, the IP phone will wait the designated seconds before dialing out the predefined hotline number when you lift the handset, press the speakerphone key/off-hook or press the line key. Note: Line key is not applicable to SIP-T19(P) E2 and CP860 IP phones; handset and speakphone key are not applicable to CP860 IP phones; off-hook key is only applicable to CP860 IP phones.	cfg
Features_ Hotline		features.hotline_number =	String within 32 characters	Add	It configures the hotline number that the IP phone automatically dials out when you lift the handset, press the speakerphone/off-hook key or the line key. Leaving it blank disables hotline feature. Example: features.hotline_number = 1234 Note: Line key is not applicable to SIP-T19(P) E2 and CP860 IP phones; handset and speakphone key are not applicable to	common.cfg

					CP860 IP phones; off-hook key is only applicable to CP860 IP phones.	
Input Method		features.input.hebrew_enable =	0 or 1	Add	It enables or disables the phone to display the Hebrew input method. 0-Disabled 1-Enabled	common.cfg
Features_Auto Answer		features.ip_call_auto_answer.enable =	0 or 1	Add	It enables or disables the auto answer feature for IP call. 0-Disabled 1-Enabled If it is set to 1 (Enabled), the IP phone can automatically answer IP call. Note: It works only if the value of the parameter "features.direct_ip_call_enable" is set to 1 (Enabled). The IP phone cannot automatically answer the incoming IP call during a call even if IP call auto answer is enabled.	common.cfg
LDAP		features.ldap.input_type =	Abc, 2aB, 123, abc or ABC	Add	It configures the default input method type when performing an LDAP search.	common.cfg
Notification Popups		features.missed_call_popup.enable=	0 or 1	Add	It enables or disables the IP phone to display the pop-up message box when it misses a call. 0-Disabled 1-Enabled	common.cfg
Features_Others		features.reboot_in_talk_enable =	0 or 1	Add	It enables or disables the phone to reboot during a call when it receives a reboot request by action URI. 0-Disabled 1-Enabled	common.cfg

					Note: It works only if the value of the parameter "features.action_uri_limit_ip" is set to "any" or trusted IP address(es) and it is not the first time for the IP phone to receive HTTP/HTTPS GET request from the trusted IP address(es).	
Features_ Others		features.redial_via_local_sip_server.enable =	0 or 1	Add	It configures the IP phone to redial via local SIP server or remote SIP server. 0-Remote SIP Server 1-Local SIP Server	common.cfg
Remote Phonebook		features.remote_phonebook.enter_update_enable =	0 or 1	Add	It enables or disables the IP phone to refresh the local cache of the remote phone book at a time when accessing the remote phone book. 0-Disabled 1-Enabled	common.cfg
Features_ Others		features.reset_by_long_press_enable =	0 or 1	Add	It enables or disables the IP phone to reset to factory by long pressing OK/ √ . 0-Disabled 1-Enabled	common.cfg
Features_ History		features.save_init_num_to_history.enable =	0 or 1	Add	It enables or disables the IP phone to log the transfer/forward party's phone number in the call history list. 0-Disabled 1-Enabled If it is set to 0 (Disabled), the IP phone will log the transfer-to/forward-to party's phone number in the call history list.	common.cfg
Features_		features.show_	0 or 1	Add	It enables or disables the	common.

Action URI		action_uri_option =			phone to pop up the Allow Remote Control prompt when it receives an HTTP or HTTPS GET request. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "features.action_uri.enable" is set to 1 (Enabled).	cfg
Notification Popups		features.text_message_popup.enable =	0 or 1	Add	It enables or disables the IP phone to display the pop-up message box when it receives a new text message. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "features.text_message.enable" is set to 1.	common.cfg
Transfer		features.transfer_type =	0 or 1	Add	It enables or disables the IP phone to transfer the call by a special INVITE message. 0-Disabled (Refer message) 1-Enabled (Specially for the Panasonic server)	common.cfg
Notification Popups		features.voice_mail_popup.enable =	0 or 1	Add	It enables or disables the IP phone to display the pop-up message box when it receives a new voice mail. 0-Disabled 1-Enabled Note: If the voice mail pop-up message box disappears, it won't pop up again unless the user receives a new voice mail or the user re-registers the account that has unread voice mail(s).	common.cfg

Custom Input Method		gui_input_method.delete =	http://localhost/all or http://localhost/name.tx	Add	It deletes the specified or all custom input method files of the phone user interface. Delete all custom input method files of the phone user interface: gui_input_method.delete = http://localhost/all Delete a custom input method file of the phone user interface (e.g., ime.txt): gui_input_method.delete = http://localhost/ime.txt	common.cfg
Custom Input Method		gui_input_method.url =	URL within 511 characters	Add	It configures the access URL of the custom input method file for phone user interface. Example: gui_input_method.url = http://192.168.10.25/ime.txt During the auto provisioning process, the IP phone connects to the provisioning server “192.168.1.25”, and downloads the custom input method file “ime.txt”. gui_input_method.url = http://192.168.10.25/Russian_ime.txt. During the auto provisioning process, the IP phone connects to the provisioning server “192.168.1.25”, and downloads the custom input method file “Russian_ime.txt“ for Russian language. Note: If you want to upload a custom input method file for the desired language, you can name the file “language name_ime.txt”.	common.cfg

LDAP		ldap.call_out_lookup =	0 or 1	Add	It enables or disables the IP phone to perform an LDAP search when placing a call. 0-Disabled 1-Enabled	common.cfg
LDAP		ldap.incoming_call_special_search.enable =	0 or 1	Add	It enables or disables the IP phone to search the telephone numbers starting with ”+” symbol and “00” from the LDAP server if the incoming phone number starts with”+” or “00”. When completing the LDAP search, the all search results will be displayed on the LCD screen. 0-Disabled 1-Enabled Example: If the phone receives an incoming call from the phone number 0044123456789, it will search 0044123456789 from the LDAP sever first, if no result found, it will search +44123456789 from the server again. The phone will display all the search results. Note: It works only if the value of the parameter “ldap.call_in_lookup” is set to 1 (Enabled). You may need to set the value of the parameter “ldap.name_filter” to be (|(cn=%)(sn=%)(telephoneNumber=%)(mobile=%)) for searching the telephone numbers starting with ”+” symbol. It is not applicable to SIP-T19(P) E2 IP phones.	common.cfg
LDAP		ldap.tls_mode	0, 1 or 3	Added	It configures the connection	common.

		=			mode between the LDAP server and the IP phone. 0-LDAP—Unencrypted connection between LDAP server and the IP phone (port 389 is used by default). 1-LDAP TLS Start—TLS/SSL connection between LDAP server and the IP phone (port 389 is used by default). 2-LDAPs—TLS/SSL connection between LDAP server and the IP phone (port 636 is used by default).	cfg
Multicast		multicast.paging_address.1.ip_address =	String	Add	It configures the IP address and port number of the multicast paging group in the paging list. It will be displayed on the LCD screen when placing the multicast paging call. Example: multicast.paging_address.1.ip_address = 224.5.6.20:10008 multicast.paging_address.2.ip_address = 224.1.6.25:1001 Note: The valid multicast IP addresses range from 224.0.0.0 to 239.255.255.255.	common.cfg
Multicast		multicast.paging_address.1.label =	String	Add	It configures the name of the multicast paging group to be displayed in the paging list. It will be displayed on the LCD screen when placing the multicast paging calls. Example: multicast.paging_address.1.label = Product	common.cfg
Network_		network.attem	Integer from	Add	It configures the time (in	common.

Expired Time		pt_expired_time =	1 to 300		seconds) to wait after a file transfer fails before retrying the transfer for HTTP/HTTPS connection.	cfg
CDP		network.cdp.enable =	0 or 1	Add	It enables or disables the CDP (Cisco Discovery Protocol) feature on the IP phone. 0-Disabled 1-Enabled Note: If it is set to 1 (Enabled), the IP phone will attempt to determine its VLAN ID through CDP.	common.cfg
CDP		network.cdp.packet_interval =	Integer from 1 to 3600	Add	It configures the interval (in seconds) for the IP phone to send the CDP (Cisco Discovery Protocol) request. Note: It works only if the value of the parameter “network.cdp.enable” is set to 1 (Enabled).	common.cfg
Network_Advanced		network.dhcp.server_mac1 =	MAC Address	Add	It configures the MAC address 1 that the IP phone use to authenticate the DHCP server. If the authentication is successful, the phone will use the IP address offered by this server. Example: network.dhcp.server_mac1=64:70:02:9E:D6:92 Note: It has a higher priority than the value defined by the paramter "network.dhcp.server_mac2".	common.cfg
Network_Advanced		network.dhcp.server_mac2 =	MAC address	Add	It configures the MAC address 2 that the IP phone use to authenticate the DHCP server. If the	common.cfg

					authentication is successful, the phone will use the IP address offered by this server. Example: network.dhcp.server_mac2=64:70:02:9E:D6:92 Note: If both the MAC address1 and MAC address 2 fail to authenticate, the phone use the IP address offered by other DHCP servers in the network.	
Network_Advanced		network.dns.ttl_enable =	0 or 1	Add	It enables or disables the phone to use TTL (Time To Live) in the A record. 0-Disabled 1-Enabled	common.cfg
Network_Advanced		network.mtu_value =	Integer from 128 to 1500	Add	It configures the MTU (Maximum Transmission Unit) of network interface card.	common.cfg
VLAN		network.vlan.vlan_change.enable =	0 or 1	Add	It enables or disables the IP phone to obtain VLAN ID using lower preference of VLAN assignment method or disable the VLAN feature when the IP phone cannot obtain VLAN ID using the current VLAN assignment method. 0-Disabled 1-Enabled The priority of each method is: LLDP/CDP>Manual>DHCP VLAN. If it is set to 1 (Enabled), the IP phone will attempt to use the lower priority method when failing to obtain the VLAN ID using higher priority method. If all the methods are attempted, the	common.cfg

					phone will disable VLAN feature.	
Call Display		phone_setting.call_info_display_method =	0, 1, 2, 3 or 4	Add	It configures the call information display method when the IP phone receives an incoming call, dials an outgoing call or is during an active call. 0-Name+Number 1-Number+Name 2-Name 3-Number 4-Full Contact Info (display name<sip:xxx@domain.com>)	common.cfg
Call Display		phone_setting.called_party_info_display.enable =	0 or 1	Add	It enables or disables the IP phone to display the called contact information when it receives an incoming call. 0-Disabled 1-Enabled	common.cfg
Security		phone_setting.reserve_certs_enable =	0 or 1	Add	It enables or disables the IP phone to reserve custom certificates after it is reset to factory defaults. 0-Disabled 1-Enabled	common.cfg
RTCP-XR		phone_setting.rtcp_xr_report.enable =	0 or 1	Add	It enables or disables the IP phone to periodically (every 5 seconds) send RTCP-XR packets to another participating phone during a call for call quality monitoring and diagnosing. 0-Disabled 1-Enabled Note: It works only if the parameter "voice.rtcp_xr.enable" is set to 1 (Enabled).	common.cfg

Phone Setting		phone_setting.unregister_account_block_out.enable=	0 or 1	Add	It enables or disables the outgoing call feature when there is no available account. 0-Disabled 1-Enabled	common.cfg
VQ-RTCPXR		phone_setting.vq_rtcpxr.interval_report.enable =	0 or 1	Add	It enables or disables the IP phone to send an interval quality report to the central report collector periodically throughout a call. 0-Disabled 1-Enabled	common.cfg
VQ-RTCPXR		phone_setting.vq_rtcpxr.session_report.enable =	0 or 1	Add	It enables or disables the IP phone to send a session quality report to the central report collector at the end of each call. 0-Disabled 1-Enabled	common.cfg
VQ-RTCPXR		phone_setting.vq_rtcpxr.states_show_on_gui.enable =	0 or 1	Add	It enables or disables the voice quality data of the last call or current call to be displayed on the LCD screen. You can view the voice quality data of the last call on the phone at the path Menu->Status->More->RTP (RTP Status). You can view the voice quality data of the current call by pressing RTP/RTP Status soft key during a call. 0-Disabled 1-Enabled	common.cfg
VQ-RTCPXR		phone_setting.vq_rtcpxr.states_show_on_web.enable =	0 or 1	Add	It enables or disables the voice quality data of the last call to be displayed on web interface at path Status->RTP Status.	common.cfg

					0-Disabled 1-Enabled	
VQ-RTCPXR		phone_setting.vq_rtcpxr_delay_threshold_critical =	10 to 2000	Add	It configures the threshold value of one way delay (in minutes) that causes phone to send a critical alert quality report to the central report collector. For example, If it is set to 500, when the value of one way delay computed by the phone is less than or equal to 500, the phone will send a critical alert quality report to the central report collector; when the value of one way delay computed by the phone is greater than 500, the phone will not send a critical alert quality report to the central report collector. If it is set to blank, critical alerts are not generated due to one way delay. One-way delay includes both network delay and end system delay.	common.cfg
VQ-RTCPXR		phone_setting.vq_rtcpxr_delay_threshold_warning =	10 to 2000	Add	It configures the threshold value of one way delay (in minutes) that causes the phone to send a warning alert quality report to the central report collector. For example, If it is set to 500, when the value of one way delay computed by the phone is less than or equal to 500, the phone will send a warning alert quality report to the central report collector; when the value of one way delay computed by the phone is greater than	common.cfg

					500, the phone will not send a warning alert quality report to the central report collector. If it is set to blank, warning alerts are not generated due to one way delay. One-way delay includes both network delay and end system delay.	
VQ-RTCPXR		phone_setting.vq_rtcpxr_display_jitter.enable =	0 or 1	Add	It enables or disables the phone to display Jitter on the LCD screen. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "phone_setting.vq_rtcpxr.states_show_on_gui.enable" is set to 1 (Enabled).	common.cfg
VQ-RTCPXR		phone_setting.vq_rtcpxr_display_jitter_buffer_max.enable =	0 or 1	Add	It enables or disables the phone to display JitteBufferMax on the LCD screen. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "phone_setting.vq_rtcpxr.states_show_on_gui.enable" is set to 1 (Enabled).	common.cfg
VQ-RTCPXR		phone_setting.vq_rtcpxr_display_local_call_id.enable =	0 or 1	Add	It enables or disables the phone to display Local User on the LCD screen. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "phone_setting.vq_rtcpxr.states_show_on_gui.enable" is set to 1 (Enabled).	common.cfg
VQ-RTCPX		phone_setting.v	0 or 1	Add	It enables or disables the	common.

R		q_rtcpxr_display_local_codec.enable =			phone to display Local Codec on the LCD screen. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "phone_setting.vq_rtcpxr.states_show_on_gui.enable" is set to 1 (Enabled).	cfg
VQ-RTCPXR		phone_setting.vq_rtcpxr_display_moscq.enable =	0 or 1	Add	It enables or disables the phone to display MOS-CQ on the LCD screen. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "phone_setting.vq_rtcpxr.states_show_on_gui.enable" is set to 1 (Enabled).	common.cfg
VQ-RTCPXR		phone_setting.vq_rtcpxr_display_moslq.enable =	0 or 1	Add	It enables or disables the phone to display MOS-LQ on the LCD screen. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "phone_setting.vq_rtcpxr.states_show_on_gui.enable" is set to 1 (Enabled).	common.cfg
VQ-RTCPXR		phone_setting.vq_rtcpxr_display_packets_lost.enable =	0 or 1	Add	It enables or disables the phone to display Packets lost on the LCD screen. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "phone_setting.vq_rtcpxr.states_show_on_gui.enable" is set to 1 (Enabled).	common.cfg
VQ-RTCPXR		phone_setting.vq_rtcpxr_displa	0 or 1	Add	It enables or disables the phone to display Remote	common.cfg

		y_remote_call_id.enable =			User on the LCD screen. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "phone_setting.vq_rtcpxr.states_show_on_gui.enable" is set to 1 (Enabled).	
VQ-RTCPXR		phone_setting.vq_rtcpxr_display_remote_codec.enable =	0 or 1	Add	It enables or disables the phone to display Remote Codec on the LCD screen. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "phone_setting.vq_rtcpxr.states_show_on_gui.enable" is set to 1 (Enabled).	common.cfg
VQ-RTCPXR		phone_setting.vq_rtcpxr_display_round_trip_delay.enable =	0 or 1	Add	It enables or disables the phone to display RoundTripDelay on the LCD screen. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "phone_setting.vq_rtcpxr.states_show_on_gui.enable" is set to 1 (Enabled).	common.cfg
VQ-RTCPXR		phone_setting.vq_rtcpxr_display_start_time.enable =	0 or 1	Add	It enables or disables the phone to display Start Time on the LCD screen. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "phone_setting.vq_rtcpxr.states_show_on_gui.enable" is set to 1 (Enabled).	common.cfg
VQ-RTCPXR		phone_setting.vq_rtcpxr_displa	0 or 1	Add	It enables or disables the phone to display Current	common.cfg

		y_stop_time.enable =			Time or Stop Time on the LCD screen. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "phone_setting.vq_rtcpxr.states_show_on_gui.enable" is set to 1 (Enabled).	
VQ-RTCPXR		phone_setting.vq_rtcpxr_display_symm_oneway_delay.enable =	0 or 1	Add	It enables or disables the phone to display SymmOneWayDelay on the LCD screen. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "phone_setting.vq_rtcpxr.states_show_on_gui.enable" is set to 1 (Enabled).	common.cfg
VQ-RTCPXR		phone_setting.vq_rtcpxr_interval_period =	Integer from 5 to 20	Add	It configures the interval (in seconds) for the IP phone to send an interval quality report to the central report collector periodically throughout a call. Note: It works only if the value of the parameter "phone_setting.vq_rtcpxr.interval_report.enable" is set to 1 (Enabled).	common.cfg
VQ-RTCPXR		phone_setting.vq_rtcpxr_moslq_threshold_critical =	15 to 40	Add	It configures the desired threshold value of listening MOS score (MOS-LQ) multiplied by 10. The threshold value of MOS-LQ causes the phone to send a critical alert quality report to the central report collector. For example, a configured value of 28 corresponds to	common.cfg

					the MOS score 2.8. When the MOS-LQ value computed by the phone is less than or equal to 2.8, the phone will send a critical alert quality report to the central report collector. When the MOS-LQ value computed by the phone is greater than 2.8, the phone will not send a critical alert quality report to the central report collector. If it is set to blank, critical alerts are not generated due to MOS-LQ.	
VQ-RTCPXR		phone_setting.vq_rtcpxr_moslq_threshold_warning =	15 to 40	Add	It configures the threshold value of listening MOS score (MOS-LQ) multiplied by 10. The threshold value of MOS-LQ causes the phone to send a warning alert quality report to the central report collector. For example, a configured value of 35 corresponds to the MOS score 3.5. When the MOS-LQ value computed by the phone is less than or equal to 3.5, the phone will send a warning alert quality report to the central report collector. When the MOS-LQ value computed by the phone is greater than 3.5, the phone will not send a warning alert quality report to the central report collector. If it is set to blank, warning alerts are not generated due to MOS-LQ.	common.cfg

Remote Phonebook		remote_phonebook.display_name =	String within 99 characters	Add	It configures the display name of the remote phone book. Example: remote_phonebook.display_name = Friends "Friends" will be displayed on the LCD screen at the path Menu->Directory. If it is left blank, "Remote Phone Book" will be the display name.	common.cfg
SIP		sip.authentication_for_xsi =	0 or 1	Add	"It configures the authentication mechanism for the XSI access. 0-User Login Credentials for XSI Authentication 1-SIP Credentials for XSI Authentication If it is set to 0 (User Login Credentials for XSI Authentication), the IP phone uses the XSI user ID and password for XSI authentication. If it is set to 1 (SIP Credentials for XSI Authentication), the IP phone uses the XSI user ID, the register name and password of the SIP account for XSI authentication."	common.cfg
SIP		sip.bind_local_addr_enable =	0 or 1	Add	It enables or disables the IP phone to bind local address before sending packets. 0-Disabled 1-Enabled Note: It is only applicable to the IP phone to use IPv6 addressing.	common.cfg
SIP		sip.disp_incall_t	0 or 1	Add	It enables or disables the	common.

		o_info =			phone to display the identity contained in the To field of the INVITE message when it receives an incoming call. 0-Disabled 1-Enabled	cfg
SIP		sip.escape_characters.enable =	0 or 1	Add	I It enables or disables the IP phone to convert ASCII characters. 0-Disabled 1-Enabled	common.cfg
SIP		sip.limit_server_name =	String within 256 characters	Add	It configures the string that must be contained in the SIP server address.	common.cfg
SIP		sip.limit_server_reason =	String within 256 characters	Add	It configures the string returned as the reason of the register failure due to misconfiguration of the SIP server (not contains the string configured by the parameter “sip.limit_server_name”).	common.cfg
SIP		sip.listen_mode =	0, 1 or 2	Add	It configures the listening mode. 0-according to the transport protocol 1-listening TCP and UDP 2-listening TCP and UDP, and subscribe for BLF List containing transport=TCP in the Contact header.	common.cfg
SIP		sip.listen_port =	Integer from 1024 to 65535	Add	It configures the local SIP port.	common.cfg
NAT		sip.nat_stun.enable =	0 or 1	Add	It enables or disables the STUN (Simple Traversal of UDP over NATs) feature on the IP phone. 0-Disabled 1-Enabled	common.cfg

NAT		sip.nat_stun.port =	Integer from 1024 to 65000	Add	It configures the port of the STUN (Simple Traversal of UDP over NATs) server. Example: sip.nat_stun.port = 3478	common.cfg
NAT		sip.nat_stun.server =	IP address or domain name	Add	It configures the IP address or domain name of the STUN (Simple Traversal of UDP over NATs) server. Example: sip.nat_stun.server = 218.107.220.201	common.cfg
SIP		sip.refer_by_header_auto_build =	0 or 1	Add	It configures the constitution of the Referred-By header. 0-URI in the registration message 1-From header in the refer message	common.cfg
SIP		sip.reserve_characters =	-_.!~*#'()&=+$,;?/\0	Add	It configures the special characters reserved in the user name.	common.cfg
SIP		sip.tcp_port_random_mode =	0 or 1	Add	It configures the listening port mode. 0-random source port (non 506x), fixed ports (506x) carried in the Contact, Via header. 1-random source port (non 506x) and other ports (non 506x) carried in the Contact, Via header.	common.cfg
SIP		sip.tcp_port_random_mode =	0 or 1	Add	It configures the listening port mode. 0-random source port (non 506x), fixed ports (506x) carried in the Contact, Via header. 1-random source port (non 506x) and other ports (non	common.cfg

					506x) carried in the Contact, Via header.	
SIP		sip.terminate_notify_sub_delay_time =	Integer greater than 0	Add	It configures the interval (in seconds) for the IP phone to re-subscribe when it receives the NOTIFY message with the subscription state of Terminated. If it is set to 0, the phone will re-subscribe immediately when it receives the NOTIFY message with the subscription state of Terminated.	common.cfg
SIP		sip.timer_t1 =	Float from 0.5 to 10	Add	It configures the SIP session timer T1 (in seconds). T1 is an estimate of the Round Trip Time (RTT) of transactions between a SIP client and SIP server.	common.cfg
SIP		sip.timer_t2 =	Float from 2 to 40	Add	It configures the SIP session timer T2 (in seconds). Timer T2 represents the maximum retransmitting time of any SIP request message.	common.cfg
SIP		sip.timer_t4 =	Float from 2.5 to 60	Add	It configures the SIP session timer T4 (in seconds). T4 represents the maximum duration a message will remain in the network.	common.cfg
SIP		sip.tls_listen_port =	Integer from 1024 to 65535	Add	It configures the local TLS listen port.	common.cfg
SIP		sip.trust_ctrl =	0 or 1	Add	It enables or disables the IP phone to only accept the SIP message from the SIP and outbound proxy server. 0-Disabled	common.cfg

					1-Enabled Note: If you want to reject the call from IP address, make sure the value of the parameter "features.direct_ip_call_enable" is set to 0 (Disabled).	
Syslog		syslog.bootlog_upload_wait_time =	Integer from 1 to 86400	Add	It configures the waiting time (in seconds) before the phone uploads the log file to the provisioning server. Example: syslog.bootlog_upload_wait_time = 121 Note: It works only if the value of the parameter "syslog.mode" is set to 2 (FTP/TFTP Server).	common.cfg
Syslog		syslog.ftp.append_limit_mode =	1 or 2	Add	It configures the phone to stop upload log or delete the old log when the log on the provisioning server reaches the max size. 1-Append Delete 2-Append Stop Note: It works only if the value of the parameter "syslog.mode" is set to 2 (FTP/TFTP Server).	common.cfg
Syslog		syslog.ftp.max_logfile =	Integer from 200 to 65535	Add	It configures the maximum size of the log files on the provisioning server. Example: syslog.ftp.max_logfile = 511 Note: It works only if the value of the parameter "syslog.mode" is set to 2 (FTP/TFTP Server).	common.cfg
Syslog		syslog.ftp.post_mode =	1 or 2	Add	It configures whether the log files on the provisioning server are overwritten or	common.cfg

					appended. 1-Post Append 2-Post Stor (not applicable to TFTP Server) If it is set to 1 (Post Append), the log files on the provisioning server are appended. If it is set to 2 (Post Stor), the log files on the provisioning server are overwritten. Note: It works only if the value of the parameter "syslog.mode" is set to 2 (FTP/TFTP Server).	
Syslog		syslog.log_upload_period =	Integer from 30 to 2592000	Add	It configures the period of the log upload (in seconds) to the provisioning server. Example: syslog.log_upload_period = 60 Note: It works only if the value of the parameter "syslog.mode" is set to 2 (FTP/TFTP Server).	common.cfg
Transfer		transfer.multi_call_trans_enable =	0 or 1	Add	It enables or disables the IP phone to select transfer-to party's call (a new call or another existing call) during multiple calls when user presses the Tran/Transfer soft key or TRAN/TRANSFER key. 0-Disabled 1-Enabled If it is set to 1 (Enabled), the user can select to transfer the active call to a new call or another existing call during multiple calls when	common.cfg

					the user presses the Tran/Transfer soft key or TRAN/TRANSFER key. If it is set to 0 (Disabled), the user can transfer the active call to a new call during multiple calls when the user presses the Tran/Transfer soft key or TRAN/TRANSFER key.	
RTCP-XR		voice.rtcp_cname =	String	Add	It configures the cname of the RTCP packets.	common.cfg
RTCP-XR		voice.rtcp_interval =	Integer more than or equal to 0	Add	It configures the interval (in seconds) for the IP phone to send a RTCP packets.	common.cfg
RTCP-XR		voice.rtcp_xr.enable =	0 or 1	Add	It enables or disables the IP phone to send RTCP-XR packets. 0-Disabled 1-Enabled	common.cfg
Tones		voice.tone.message =	String	Add	It customizes the tone when the IP phone receives a text message. The value format is Freq/Duration. For more information on the value format, refer to the parameter “voice.tone.dial”. Note: It works only if the value of the parameter “voice.tone.country” is set to Custom.	common.cfg
Language		wui_lang.delete =	http://localhost/all or http://localhost/Y.name.js	Add	It deletes the specified or all custom web language packs and note language packs of the web user interface. Example: Delete all custom language packs of the web user interface: wui_lang.delete =	common.cfg

					http://localhost/all Delete a custom language pack of the web user interface (e.g., 11.Russian.js): wui_lang.delete = http://localhost/11.Russian.js The corresponding note language pack (e.g., 11.Russian_note.xml) will also be deleted.	
Language		wui_lang.url =	URL within 511 characters	Add	It configures the access URL of the custom language pack for the web user interface. Example: wui_lang.url = http://192.168.10.25/1.English.js During the auto provisioning process, the IP phone connects to the HTTP provisioning server “192.168.10.25”, and downloads the language pack “1.English.js”. The English language translation will be changed accordingly if you have modified the language template file. If you want to download multiple language packs to the web user interface simultaneously, you can configure as following: wui_lang.url = http://192.168.10.25/1.English.js wui_lang.url = http://192.168.10.25/11.Russian.js	common.cfg

Language		wui_lang_note.url =	URL within 511 characters	Add	It configures the access URL of the custom note language pack for the web user interface. Example: wui_lang_note.url = http://192.168.10.25/1.English_note.xml During the auto provisioning process, the IP phone connects to the HTTP provisioning server “192.168.10.25”, and downloads the note language pack “1.English_note.xml”. The English language translation will be changed accordingly if you have modified the language template file. If you want to download multiple language packs to the phone simultaneously, you can configure as following: wui_lang.url = http://192.168.10.25/1.English_note.xml wui_lang.url = http://192.168.10.25/11.Russian_note.xml	common.cfg
Zero Touch		zero_touch.network_fail_delay_times =	Integer greater than 1000	Add	It configures the duration time (in milliseconds) of every reconnection when zero touch module fails to obtain network parameters.	common.cfg
Zero Touch		zero_touch.network_fail_wait_times =	Integer greater than 1	Add	It configures the reconnection times when zero touch module fails to obtain network parameters.	common.cfg
Broadsoft ACD		account.1.acd.available =	0 or 1	Add	It enables or disables the IP phone to display the	mac.cfg

					Available/Avail or Unavailable/Unavail soft key for account X after the IP phone logs into the ACD system. 0-Disabled 1-Enabled Note: It works only if the value of the parameter "account.X.acd.enable" is set to 1 (Enabled).	
Broadsoft ACD		account.1.acd.enable =	0 or 1	Add	It enables or disables the ACD (Automatic Call Distribution) feature for account X. 0-Disabled 1-Enabled	mac.cfg
Broadsoft ACD		account.1.acd.initial_state =	1 or 2	Add	It configures the initial agent state for account X. 1-Available 2-Unavailable	mac.cfg
Broadsoft ACD		account.1.acd.unavailable_reason_enable =	0 or 1	Add	It enables or disables the unavailable reason code feature for account X. 0-Disabled 1-Enabled If it is set to 1 (Enabled), the unavailable reason of agent state will be displayed on the IP phone LCD screen (e.g., on lunch, in the bathroom, taking a coffee break or a personal break). Note: It works only if the value of parameter "account.X.acd.available" is set to 1 (Enable).	mac.cfg
Alert_info		account.1.alert_info =	String within 256 characters	Add	It configures the Alert-Info header for intercom feature. The value format likes: <sip:notused>; answer-after=0.	mac.cfg

					Note: If both Call-Info header (defined by the parameter "account.X.call_info") and Alert-Info header are configured, the Call-Info header has a higher priority than the Alert-Info header.	
Advanced		account.1.auto_dial_enable =	0 or 1	Add	It enables or disables the IP phone to first dial out a pre-configured number when a user lifts the handset, presses the speakerphone/off-hook key or desired line key or dials out a call using account X. 0-Disabled 1-Enabled If it is set to 1 (Enabled), the phone will first dial out the pre-configured number (configured by the parameter "account.X.auto_dial_num") when a user lifts the handset, presses the speakerphone/off-hook key or desired line key or dials out a call using account X. Note: Line key is not applicable to SIP-T19(P) E2 and CP860 IP phones; handset and speakphone key are not applicable to CP860 IP phones; off-hook key is only applicable to CP860 IP phones.	mac.cfg
Advanced		account.1.auto_dial_num =	String within 32 characters	Add	It configures the number that the IP phone first dials out when a user lifts the handset, presses the speakerphone/off-hook key or desired line key or dials out a call using account X.	mac.cfg

					Note: It works only if the value of the parameter "account.X.auto_dial_enable" is set to 1 (Enabled). Line key is not applicable to SIP-T19(P) E2 and CP860 IP phones; handset and speakphone key are not applicable to CP860 IP phones; off-hook key is only applicable to CP860 IP phones.	
BLA/SCA		account.1.bla_number =	String within 99 characters	Add	It configures the BLA number for account X. Note: It works only if the value of the parameter "account.X.shared_line" is set to 3 (Draft BLA).	mac.cfg
BLA/SCA		account.1.bla_subscribe_period =	Integer from 60 to 7200	Add	It configures the period (in seconds) of the BLA subscription for account X. Note: It works only if the value of the parameter "account.X.shared_line" is set to 3 (Draft BLA).	mac.cfg
Broadsoft Code		account.1.bw_disp_code.1 =	Integer from 1 to 2147483647	Add	It configures the disposition code which must match one of the codes configured on BroadWorks for account X. The value Y must be continuous.	mac.cfg
Broadsoft Code		account.1.bw_disp_code_name.1 =	String within 99 characters	Add	It configures the disposition code name which must match one of the names configured on BroadWorks for account X. The value Y must be continuous.	mac.cfg
Broadsoft Call Center		account.1.call_center.call_info_enable =	0 or 1	Add	It enables or disables the call center call information feature for account X. 0-Disabled 1-Enabled	mac.cfg
Broadsoft		account.1.call_c	0 or 1	Add	It enables or disables the	mac.cfg

Call Center		enter.disp_code_enable =			disposition code feature for account X. 0-Disabled 1-Enabled	
Broadsoft Call Center		account.1.call_center.emergency_enable =	0 or 1	Add	It enables or disables the emergency escalation feature for account X. 0-Disabled 1-Enabled If it is set to 1(Enabled), it provides the capability for the call center agent to immediately escalate a call to a supervisor by pressing a key on the phone. The supervisor is immediately joined into the call.	mac.cfg
Broadsoft Call Center		account.1.call_center.queue_status_enable =	0 or 1	Add	It enables or disables the queue status notification feature for account X. 0-Disabled 1-Enabled If it is set to 1(Enabled), it enables the agent to view the status of the call center queue on the IP phone. The queue can be in one of three states: empty, Q'ing and ALERT.	mac.cfg
Broadsoft Call Center		account.1.call_center.show_call_info_time =	Integer from 1 to 86400	Add	It configures the interval (in seconds) to specify how long the call center call information displays for account X.	mac.cfg
Broadsoft Call Center		account.1.call_center.trace_enable =	0 or 1	Add	It enables or disables the customer originated trace feature for account X. 0-Disabled 1-Enabled If it is set to 1 (Enabled), it is used to trace the origin of an obscene, harassing, or threatening call.	mac.cfg
Advanced		account.1.call_i	0, 1 or 2	Add	It configures the	mac.cfg

		d_mode =			constitution of call ID. 0-Use random digits 1–Use the combination of the digits and letters 2–Use random digits plus MAC address	
Call_info		account.1.call_info =	String within 256 characters	Add	It configures the Call-Info header for intercom feature. The value format likes: <sip:notused>; answer-after=0 Note: If both Call-Info header and Alert-Info header (defined by the parameter "account.X.alert_info") are configured, the Call-Info header has a higher priority than the Alert-Info header.	mac.cfg
Broadsoft _Call Park		account.1.callpark_enable =	0 or 1	Add	It enables or disables call park subscription for account X. 0-Disabled 1-Enabled	mac.cfg
Advanced		account.1.custom_ua =	String within 128 characters	Add	It configures the suffix of User-Agent in SIP request messages from the IP phone for account X. The following takes the T27P IP phone running firmware version 45.80.0.20 as an example. Default value of User-Agent: Yealink SIP-T27P 45.80.0.20 If it is set to Myphone, the User-Agent appears as below: Yealink SIP-T27P 45.80.0.20 Myphone	mac.cfg
Advanced		account.1.dial_tone =	0, 1 or 2	Add	It configures the dial tone for the IP phone. 0-Default (depend on the selection of country tone)	mac.cfg

					1-A specified tone 2-Mute For example, if it is set 2 (Mute), when pressing the speakerphone key, the phone will not play any tone.	
Subscribe		account.1.display_mwi.enable=	0 or 1	Add	It enables or disables the IP phone to present audio and visual MWI when receiving new voice messages. 0-Disabled 1-Enabled Note: It always works at the time of Unsolicited MWI; at the time of solicited MWI, MWI subscription feature should be configured in advance. To present audio MWI, you also need to set the value of the parameter "features.voice_mail_tone_enable" to 1 (Enabled) in advance.	mac.cfg
Broadsoft Hoteling		account.1.hoteling.auto_login_enable =	0 or 1	Add	It enables or disables the IP phone to save login credentials automatically when logging into the guest profile for account X. 0-Disabled 1-Enabled	mac.cfg
Broadsoft Hoteling		account.1.hoteling.enable =	0 or 1	Add	It enables or disables the hoteling feature for account X. 0-Disabled 1-Enabled If it is set to 1 (Enabled), users can use any available host (shared) phone by logging in with user credentials. After logging in, users have access to their own guest profile on the host phone.	mac.cfg

Broadsoft Hoteling		account.1.hoteling.password =	String within 99 characters	Add	It configures the password used to log into the guest profile for account X.	mac.cfg
Broadsoft Hoteling		account.1.hoteling.user_id =	String within 99 characters	Add	It configures the user ID used to log into the guest profile for account X.	mac.cfg
Subscribe		account.1.mwi_parse_terminated =	0 or 1	Add	It enables or disables the IP phone to parse the Terminated attribute in the received MWI NOTIFY message. 0-Disabled 1-Enabled	mac.cfg
Broadsoft Code		account.1.reason_code.1 =	Integer from 1 to 2147483647	Add	It configures the unavailable code which must match one of the codes configured on BroadWorks for account X. The value Y must be continuous.	mac.cfg
Advanced		account.1.register_expires_overlap =	Positive integer	Add	It configures the renewal time (in seconds) away from the registration lease.	mac.cfg
Anonymous Call		account.1.send_anonymous_rejection_code =	0 or 1	Add	It configures the IP phone to send anonymous call rejection on/off code to activate/deactivate the server-side anonymous call rejection feature for account X. 0-Off Code 1-On Code If it is set to 0 (Off Code), the IP phone will send anonymous rejection off code to the server when you deactivate the anonymous call rejection feature. If it is set to 1 (On Code), the IP phone will send anonymous rejection on code to the server when you activate the anonymous call rejection feature.	mac.cfg
BLA/SCA		account.1.share	0, 1 or 3	Add	It configures the registration	mac.cfg

		d_line =			line type. 0-Disabled 1-Shared Call Appearance 3-Draft BLA	
BLA/SCA		account.1.shared_line_callpull_code =	String within 32 characters	Add	It configures the call pull feature access code to retrieve an existing call from another shared phone that is in active or public hold status for account X. Note: It works only if the value of the parameter "account.X.shared_line" is set to 1 (Shared Call Appearance).	mac.cfg
Server Redundancy		account.1.sip_server.1.transport_type =	0, 1, 2 or 3	Add	It configures the type of transport protocol for account X. 0-UDP 1-TCP 2-TLS 3-DNS-NAPTR If the value of the parameter is set to 3 (DNS-NAPTR) and no server port is given, the IP phone performs the DNS NAPTR and SRV queries for the service type and port.	mac.cfg
Server Redundancy		account.1.sip_server.2.transport_type =	0, 1, 2 or 3	Add	It configures the type of transport protocol for account X. 0-UDP 1-TCP 2-TLS 3-DNS-NAPTR If the value of the parameter is set to 3 (DNS-NAPTR) and no server port is given, the IP phone performs the DNS NAPTR and SRV queries for the service type and port.	mac.cfg
Subscribe		account.1.subsc	Integer from	Add	It configures the period (in	mac.cfg

		ribe_acd_expires=	120 to 3600		seconds) of ACD subscription for account X. Note: It works only if the value of the parameter "account.X.acd.enable" is set to 1 (Enabled).	
Advanced		account.1.subscribe_expires_overlap =	Positive integer	Add	It configures the renewal time (in seconds) away from the subscription lease.	mac.cfg
Broadsoft Code		account.1.supervisor_info_code.1 =	Integer from 1 to 2147483647	Add	It configures the supervisor number for account X. The value Y must be continuous.	mac.cfg
Broadsoft Code		account.1.supervisor_info_code_name.1 =	String within 99 characters	Add	It configures the supervisor name for account X. The value Y must be continuous.	mac.cfg
VQ-RTCPXR		account.1.vq_rtcpxr.collector_name=	String within 32 characters	Add	It configures the host name of the central report collector that accepts voice quality reports contained in SIP PUBLISH messages for account X.	mac.cfg
VQ-RTCPXR		account.1.vq_rtcpxr.collector_server_host=	IPv4 Address	Add	It configures the IP address of the central report collector that accepts voice quality reports contained in SIP PUBLISH messages for account X.	mac.cfg
VQ-RTCPXR		account.1.vq_rtcpxr.collector_server_port=	Integer from 1 to 65535	Add	It configures the port of the central report collector that accepts voice quality reports contained in SIP PUBLISH messages for account X.	mac.cfg
Dialplan	dialplan.area_code.line_id		Integer	Delete	It configures the desired line to apply the area code rule. The digit 0 stands for all lines. If it is left blank, the area code rule will apply to all lines on the IP phone. Permitted Values: 0 to 16 (for T48G/T46G/T29G) 0 to 12 (for T42G)	common.cfg

					0 to 6 (for T41P/T27P) 0 to 3 (for T40P/T23P/T23G) 0 to 2 (for T21(P) E2) Example: dialplan.area_code.line_id = 1 Note: Multiple line IDs are separated by commas.	
Phone Setting		phone_setting.ringback_timeout =	Integer from 0 to 3600	Add	It configures the duration time (in seconds) in the ringback state. If it is set to 180, the phone will cancel the dialing if the call is not answered within 180 seconds.	common.cfg
Phone Setting		phone_setting.ringing_timeout =	Integer from 0 to 3600	Add	It configures the duration time (in seconds) in the ringing state. If it is set to 180, the phone will stop ringing if the call is not answered within 180 seconds.	common.cfg
PushXML		push_xml.server =	IP address	Add	It configures the IP address of the push XML server.	common.cfg
PushXML		push_xml.block_in_calling=	0 or 1	Add	It enables or disables the IP phone to block XML applications during a call. 0-Disabled 1-Enabled	common.cfg
PushXML		push_xml.sip_notify=	0 or 1	Add	It enables or disables the IP phone to process the push XML via SIP NOTIFY message. 0-Disabled 1-Enabled	common.cfg
ACD		acd.auto_available	0 or 1	Add	It enables or disables the IP phone to automatically change the status of the ACD agent to available after the designated time. 0-Disabled 1-Enabled Note: It works only if the value of the parameter	common.cfg

					“account.X.acd.enable” is set to 1 (Enabled).	
Features_ Audio Settings		features.play_local_dtmf_tone_enable =	0 or 1	Add	It enables or disables the IP phone to play a local DTMF tone. 0-Disabled 1-Enabled If it is set to 1 (Enabled), you can hear the DTMF tone when pressing the IP phone’s keypad during a call.	common.cfg
Action URL		action_url.call_remote_canceled	URL within 511 characters	Add	It configures the action URL the IP phone sends when the remote party cancels the outgoing call in the ringing state. Example: action_url.call_remote_canceled= http://192.168.0.20/help.xml?IP=$ip	common.cfg
Input Method		default_input_method.xml_browser_input_screen	Abc, 2aB, 123, abc or ABC	Add	It configures the default input method when the type for input box is set to “string” in the InputScreen object.	common.cfg
	voice.ring_vol			Delete		common.cfg
	voice.rtcp.send_goodbye.enable			Delete		common.cfg
Server Redundancy		account.1.dns_cache_type =	0, 1 or 2	Add	It configures whether the IP phone uses the DNS cache for domain name resolution of the SIP server and caches the additional DNS records for account X. 0-Perform real-time DNS query rather than using DNS cache. 1-Use DNS cache, but do not record the additional	mac

					records. 2-Use DNS cache and cache the additional DNS records.	
Broadsoft _Call Park		features.call_park.group_park_code =	String within 32 characters	Add	It configures the group call park code when call park mode is configured as FAC. Note: It works only if the value of the parameter "features.call_park.park_mode" is set to 1.	mac
Broadsoft _Call Park		features.call_park.park_code =	String within 32 characters	Add	It configures the call park code when call park mode is configured as FAC. Note: It works only if the value of the parameter "features.call_park.park_mode" is set to 1.	mac
Broadsoft _Call Park		features.call_park.park_mode =	0 or 1	Add	It configures the call park mode. 0-XSI 1-FAC	mac
Broadsoft _Call Park		features.call_park.park_retrieve_code =	String within 32 characters	Add	It configures the park retrieve code when call park mode is configured as FAC. Note: It works only if the value of the parameter "features.call_park.park_mode" is set to 1.	mac
Broadsoft _Call Park		call_park.enable	0 or 1	Add	It enables or disables the IP phone to display the Park soft key during a call. 0-Disabled 1-Enabled	mac
Broadsoft _Call Park		call_park.group_enable	0 or 1	Add	It enables or disables the IP phone to display the GPark soft key during a call. 0-Disabled 1-Enabled	mac
Broadsoft _Call Park		call_park.park_ring	0 or 1	Add	It enables or disables the IP phone to play a warning tone when a call is parked against its line. 0-Disabled 1-Enabled	mac

					Note: It works only if the parameter "call_park.park_visual_notify_enable" is set to 1.	
Broadsoft _Call Park		call_park.park_visual_notify_enable	0 or 1	Add	It enables or disables the IP phone to display a parked indicator when a call is parked against its line. 0-Disabled 1-Enabled	mac
Broadsoft Setting		bw.enable	0 or 1	Add	It enables or disables the BroadSoft features for IP phones. 0-Disabled 1-Enabled	mac
Broadsoft Setting		bw.feature_key_sync	0 or 1	Add	It enables or disables feature key synchronization. 0-Disabled 1-Enabled	mac
Broadsoft Call Center		account.1.call_center.queue_status_light_enable =	0 or 1	Add	It enables or disables the power indicator LED to flash when the ACD calls in queue have reached the maximum number of calls or have waited too long for account X. 0-Disabled (power indicator LED does not flash) 1-Enabled (power indicator LED fast flashes (300ms) red)	mac
Broadsoft Code		account.1.reason_code_name.1 =	String within 99 characters	Add	It configures the unavailable reason which must match one of the reasons configured on BroadWorks for account X. The value Y must be continuous.	mac
Register Advanced		account.1.instance_id.enable =	0 or 1	Add	It enables or disables the IP phone to add +sip.instance parameter to the Contact header of the REGISTER message for account X. 0-Disabled	mac

					1-Enabled	
Web Setting		web_setting.picture.url =	URL within 511 characters	Add	It configures the access URL of web navigation bar file. The web navigation bar file should be compressed as a TAR file in advance and then place it to the provisioning server. The compressed file (*.tar) contains the pictures of format: *.jpg,*.png,*.gif. You can use the file to custom the web navigation bar to display. For example, you can custom the logo. Example: web_setting.picture.url = http://192.168.10.25/picture.tar	Common
Web Setting		web_setting.picture.delete =	http://localhost/all	Add	It deletes all web navigation bar files. Example: web_setting.picture.delete = http://localhost/all	Common
Web Setting		web_setting.logo_link =	URL within 511 characters	Add	It configures the link to a page when clicking the logo on the web navigation bar.	Common
Web Setting		web_setting.color.url =	URL within 511 characters	Add	It configures the access URL of web theme file. You can use the file to custom the menu. For example, you can custom the color or size of font. Example: web_setting.color.url = http://192.168.10.25/theme.cfg During the auto provisioning process, the IP phone connects to the provisioning server “192.168.1.25”, and downloads the web theme file “theme.cfg”.	Common
Web Setting		web_setting.title =	URL within 511	Add	It configures the web title of the IP phones.	Common

			characters			
Web Setting		web_setting.model_name =	URL within 511 characters	Add	It configures the model name on web navigation bar.	Common
Account Transfer		account.1.transfer_refer_to_contact_header.enable =	0 or 1	Add	It enables or disables the Refer -To header to use the information of the Contact header in the second 200 OK message when attended transfer. 0-Disabled 1-Enabled	mac
Features_ Others		features.setup_wizard.enable =	0 or 1	Add	It enables or disables the phone to go to the setup wizard when you first start up or reset the phone. 0-Disabled 1-Enabled	Common