Yealink

Configuration Guide for
User Access Level of Web User Interface

Overview

User access level feature is used to achieve different access levels for different authorized users. It is useful for protecting the IP phone from unauthorized configuration, and popularly used for the Hosted PBX solution. This guide describes how to customize the access permission for configuration items on the web user interface.

> The information provided in this guide applies to Yealink W52P IP DECT phones with firmware version 73 or later.

Scenario

For a Hosted PBX solution, IP phones are provided to customers for free but required a minimum consumption monthly. All PBX services associated features on the deployed IP phones are preconfigured to avoid customers from using other Hosted PBX's service, and the Hosted PBX system administrator can restrict the user access permission using user access level feature. For example, the Hosted PBX system administrator restricts the write permission of the account associated configurations. This means customers can only read these configuration items on the web user interface.

Introduction

Yealink W52P IP DECT phones support access levels of admin, var and user. The following describes the detailed information of each access level:

- **Admin:** The administrator access level. With this access level, all configuration items on the web user interface can be read and written. The authentication identity for this access level is **admin**, and the default password is **admin**.

- **Var:** The value-added reseller access level. Generally, with this access level, most configuration items on the web user interface can be read and written. The authentication identity for this access level is **var**, and the default password is **var**.

- **User:** The end user access level. Generally, only a few configuration items are allowed to be written and read for access user. The authentication identity for this access level is **user**, and the default password is **user**.

Specification

Access permissions of all configuration items available on the web user interface of the W52P IP DECT phone can be defined in a fixed file "WebItemsLevel.cfg". Configuration items in the file are formatted as:

ItemName = X_1X_2

X_1 is used for specifying the access level. The valid values include 0, 1 and 2, respectively corresponding to the access levels: 2 = admin, 1 = var, 0 = user. 0 means the configuration item is visible for admin, var and user access levels. 1 means the configuration item is visible for admin and var access levels, but is hidden for user access level. 2 means the configuration item is visible for admin access level, but is hidden for var and user access levels.

X_2 is used for defining the access permission. The valid values include 0, 1 and 2. 0 means configuration item is writable for admin, var and user access levels. 1 means configuration item is read-only for user access level, and writable for admin and var access levels. 2 means configuration item is read-only for var and user access levels, and writable for admin access level.

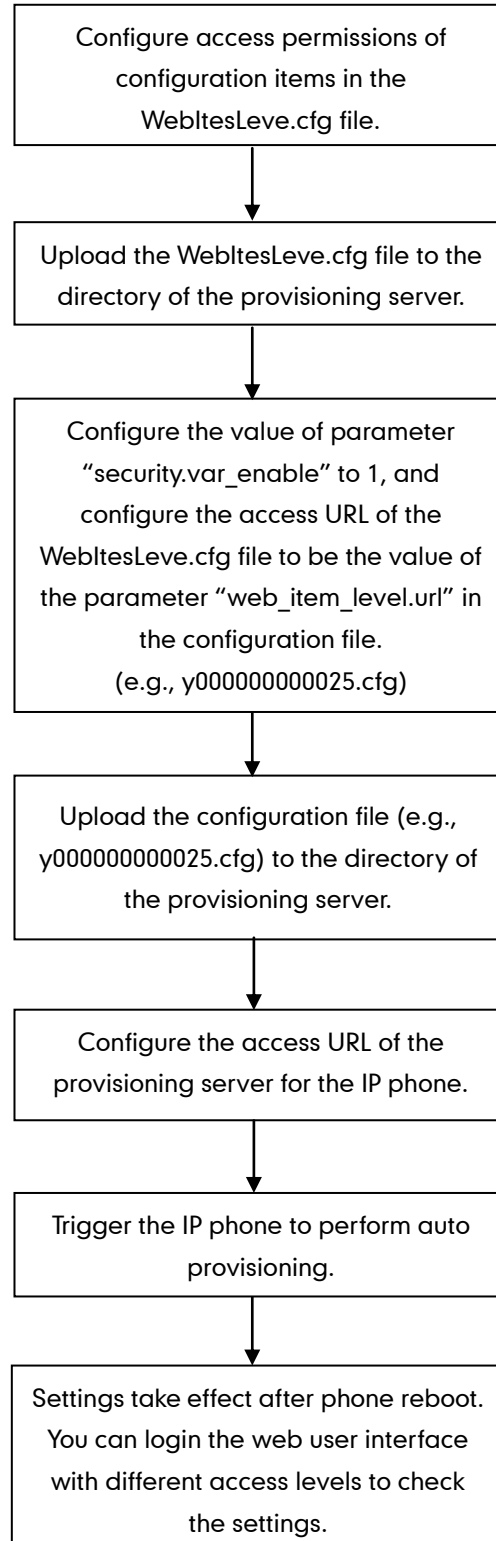The following table lists the possible values of X_1X_2:

Value of X_1X_2	Description
00	This configuration item is visible and writable for admin, var and user access levels.
01	This configuration item is read-only for user access level, but writable for admin and var access levels.
02	This configuration item is read-only for var and user access levels, but is writable for admin access level.
11	This configuration item is read-only for var access level, but is writable for admin access level.
12	This configuration item is read-only for var access level, but is writable for admin access level.
20/21/22	This configuration item is hidden for var and user access levels, but writable for admin access level.

The admin access level has full read and write permissions. So the configuration item is writable for admin access level in any case.

If only one digit is set to the configuration item, it is used to define the access level, and the access permission of the configuration item keeps default setting.

Application

This section will introduce procedures to configure access permission of the web user interface in detail. The flow chart of configuring user access level is shown as below:

```
┌─────────────────────────────────┐
│  Configure access permissions of │
│  configuration items in the      │
│  WebItesLeve.cfg file.           │
└─────────────────────────────────┘
                 │
                 ▼
┌─────────────────────────────────┐
│  Upload the WebItesLeve.cfg file │
│  to the directory of the         │
│  provisioning server.            │
└─────────────────────────────────┘
                 │
                 ▼
┌─────────────────────────────────┐
│  Configure the value of parameter│
│  "security.var_enable" to 1, and │
│  configure the access URL of the │
│  WebItesLeve.cfg file to be the  │
│  value of the parameter          │
│  "web_item_level.url" in the     │
│  configuration file.             │
│  (e.g., y000000000025.cfg)       │
└─────────────────────────────────┘
                 │
                 ▼
┌─────────────────────────────────┐
│  Upload the configuration file   │
│  (e.g., y000000000025.cfg) to    │
│  the directory of the            │
│  provisioning server.            │
└─────────────────────────────────┘
                 │
                 ▼
┌─────────────────────────────────┐
│  Configure the access URL of the │
│  provisioning server for the IP  │
│  phone.                          │
└─────────────────────────────────┘
                 │
                 ▼
┌─────────────────────────────────┐
│  Trigger the IP phone to perform │
│  auto provisioning.              │
└─────────────────────────────────┘
                 │
                 ▼
┌─────────────────────────────────┐
│  Settings take effect after phone│
│  reboot. You can login the web   │
│  user interface with different   │
│  access levels to check the      │
│  settings.                       │
└─────────────────────────────────┘
```

Customizing the WebItemsLevel.cfg file

You can ask Yealink Field Application Engineer for the file "WebItemsLevel.cfg", or download it online:

http://www.yealink.com/DocumentDownload.aspx?CateId=142&flag=142.

> We recommend you to edit the desired configuration items in the "WebItemsLevel.cfg" file only, and keep other configuration items constant.

The following shows configuration segments in the WebItemsLevel.cfg file for reference:

Sample 1: Configuration items in the WebItemsLevel.cfg file for navigation bar settings of the Phone page:

```
[ Phone ]
phone-preference = 0
phone-features = 0
phone-features-line1 = 0
phone-features-line2 = 0
phone-features-line3 = 0
phone-features-line4 = 0
phone-features-line5 = 0
phone-upgrade = 0
phone-autoprov = 1
phone-config = 1
phone-dialplan = 0
phone-voice = 0
phone-tones = 0
phone-tr069 = 2
```

According to the above configuration of access level, when logging in the web user interface with user access level, the web user interface displays as below:
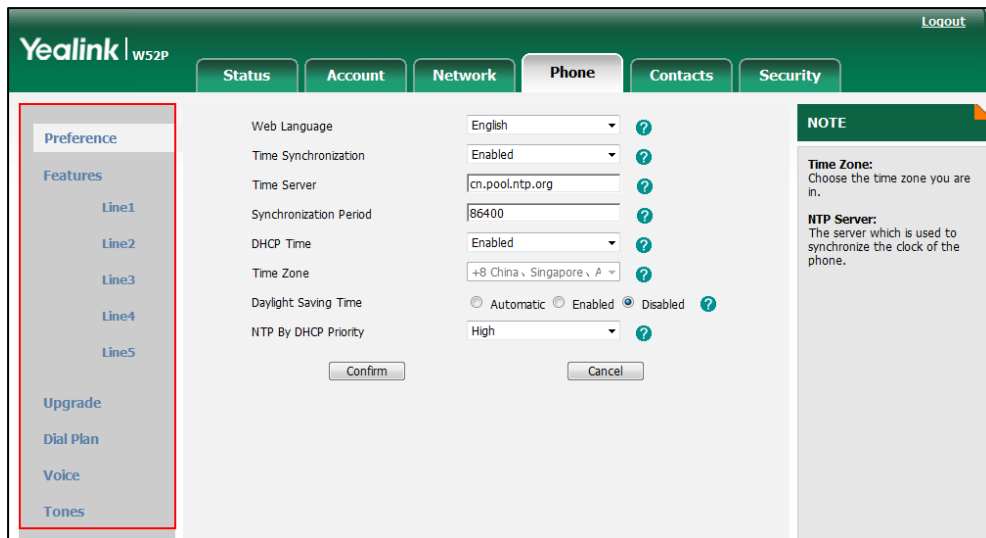

When logging in the web user interface with var access level, the web user interface displays as below:
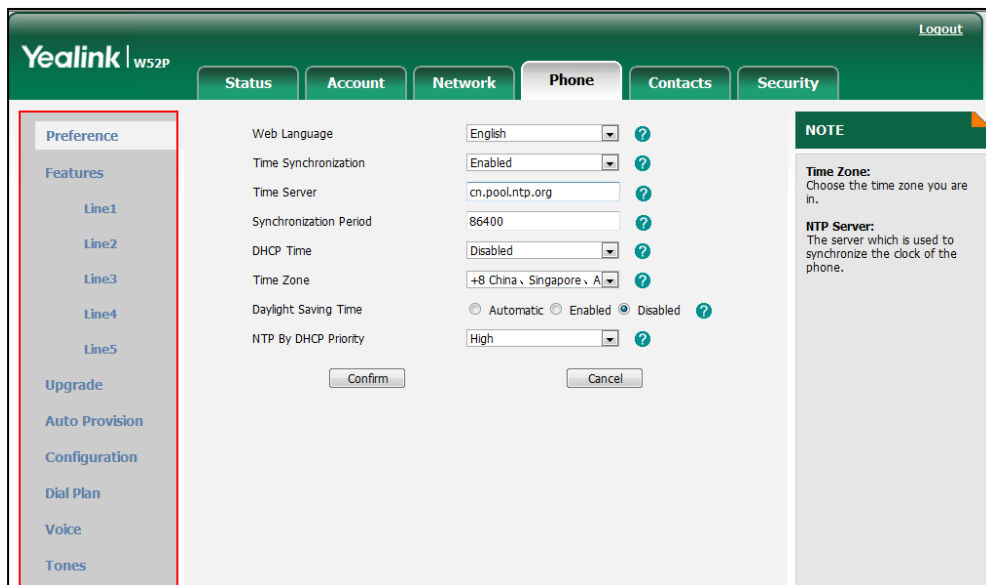
When logging in the web user interface with admin access level, the web user interface displays as below:
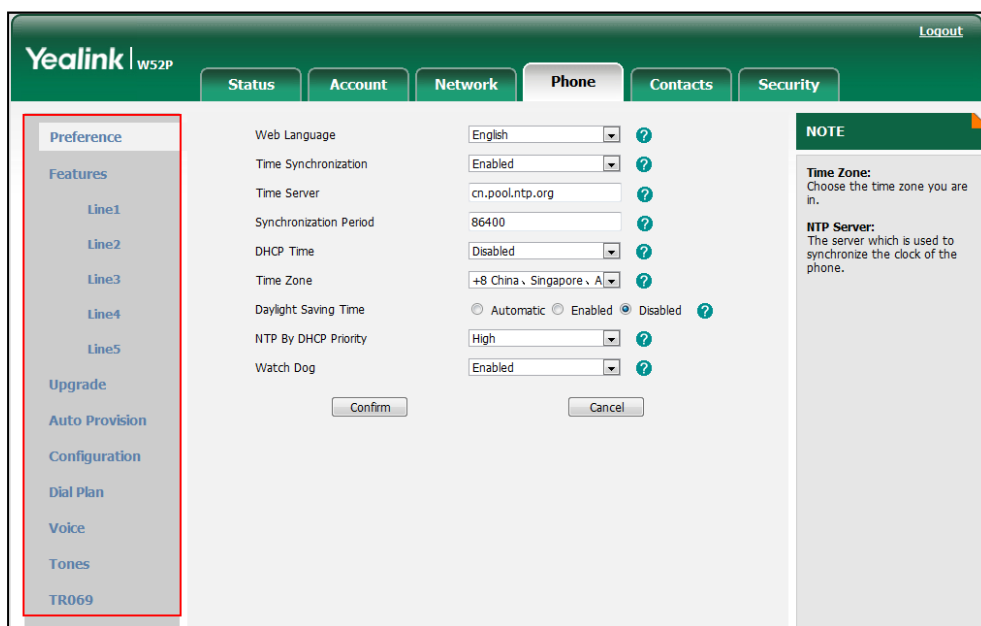
Configuration items for navigation bar are not writable on the web user interface. So, configuration items for navigation bar can be configured only using the format "ItemName = X_1".

If the access permission of the first navigation configuration item for each main page is restricted, the access to the main web page will be denied.

The following table lists the first navigation configuration items for each main page:

Main Page	First Navigation Item	Configuration Item
Account	Basic	account-basic
Network	Basic	network-basic
Phone	Preference	phone-preference
Contacts	Contacts	contacts-basic
Security	Password	password

For example, set the value of the configuration item "network-basic" to be 1.

When logging into with the user access level, the access to the Network web page will be denied.
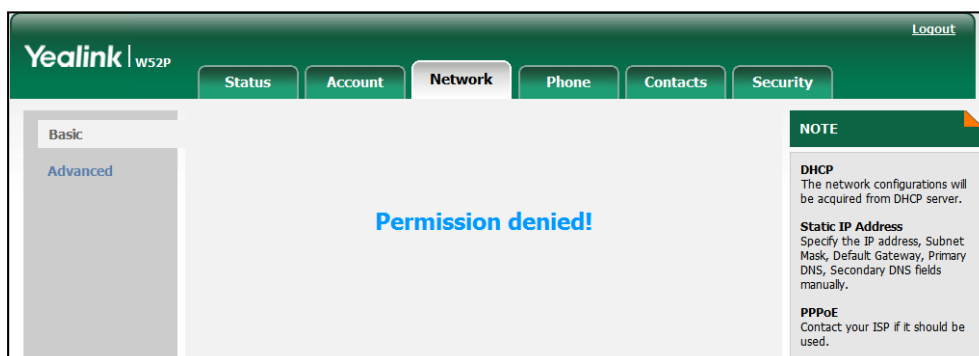
Sample2: Configuration items in the WebItemsLevel.cfg file for the Basic settings of the Account page:

```
[ Account-Basic ]

switch-account = 0

account_status = 0

line_active = 0

account_label = 0

display_name = 0

register_name = 01

user_name = 01

sip_server = 01

account_password = 2

enabled-outbound-proxy-server = 01

outbound-proxy-server = 01

transport-item = 2

NAT_traversal = 2

STUN_server = 2

proxy_require = 0

anonymous_call_enabled = 0

anonymous_rejection_enabled = 0
```

According to the above configurations of access level, when logging in the web user interface with user access level, the web user interface displays as below:
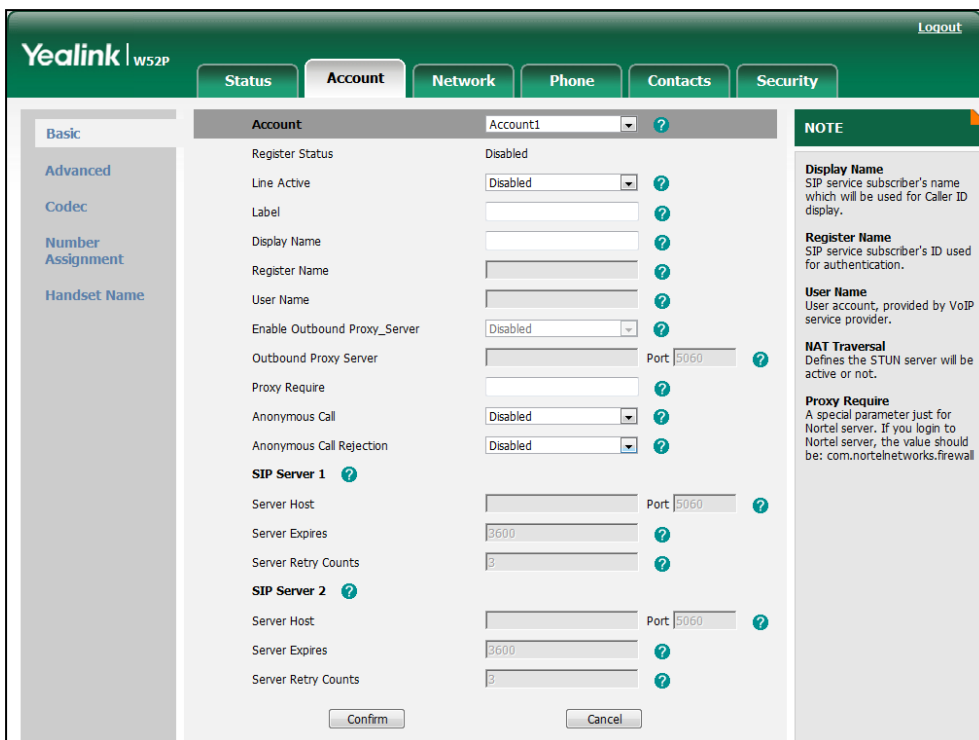
When logging in the web user interface with var access level, the web user interface displays as below:
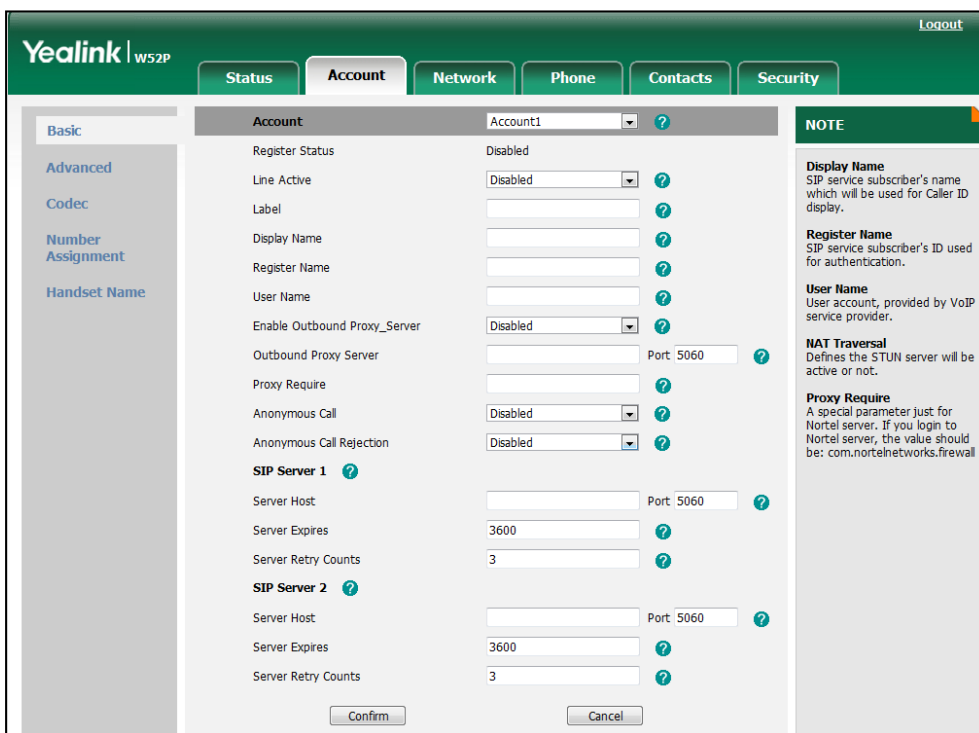
When logging in the web user interface with admin access level, the web user interface displays as below:
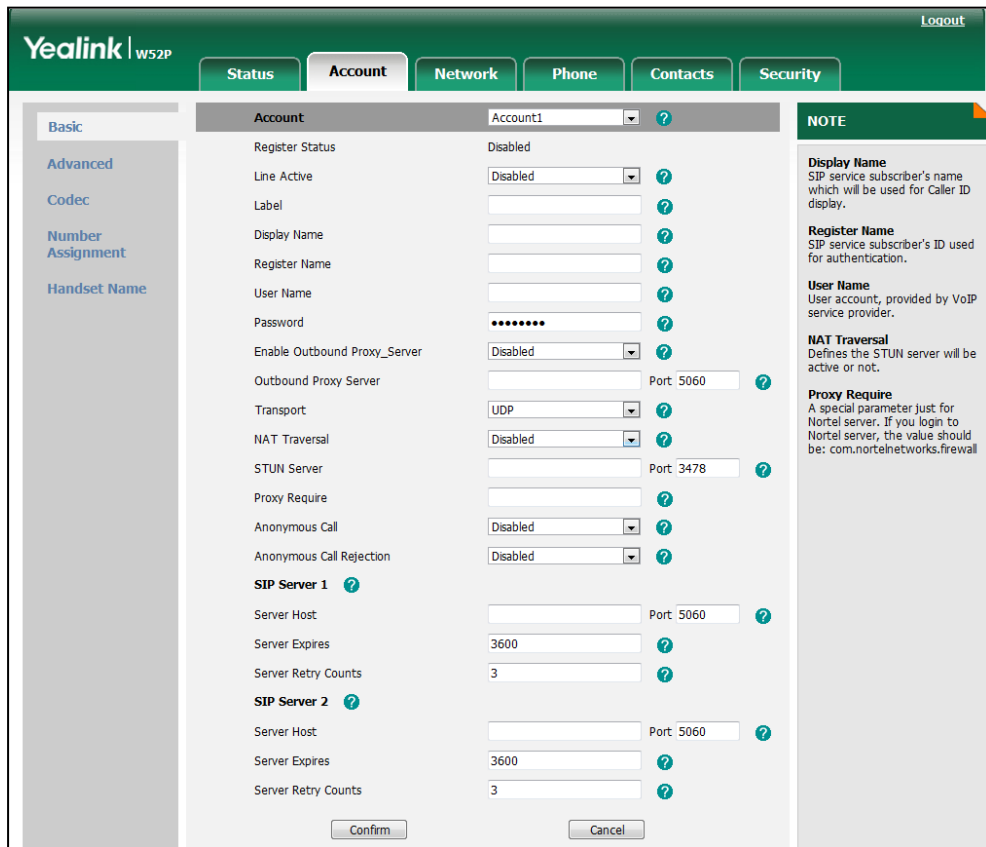
For more information on configuration items in the WebItemsLevel.cfg file, refer to Appendix-A：Configuration Parameters.

Configuring the IP Phone

User access level feature is disabled on W52P IP DECT phones by default. Before using this feature, you need to enable it through auto provisioning introduced as following. User access level feature is configurable only via configuration files.

To configure user access level feature using the configuration file:

1. Edit the following parameters in the configuration file (e.g., y000000000025.cfg)

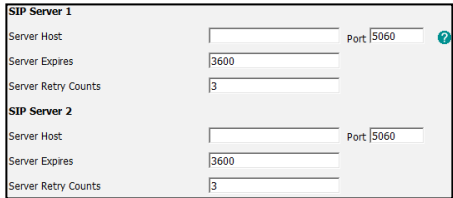| Parameter	Description	Value
security.var_enable	Enables or disables the login of the web user interface with different access levels. 0-Disabled 1-Enabled The default value is 0.	0 or 1

Parameter	Description	Value
	It takes effect after a reboot.	
web_item_level.url	Configures the access URL of the WebItemsLevel.cfg file. The default value is blank. It takes effect after a reboot.	URL within 511 characters

The parameter settings in the configuration file for reference are shown as below:

security.var_enable =1

web_item_level.url = ftp://192.168.1.100/download/WebItemslevel.cfg

2. Upload the configuration file to the directory of the provisioning server.

3. Configure the access URL of the provisioning server for the IP phone.

4. Trigger the IP phone to perform auto provisioning.

For more information on auto provisioning, refer to *Yealink_W52P_IP_DECT_Phones_Auto_Provisioning_Guide*, available online: http://www.yealink.com/DocumentDownload.aspx?CateId=142&flag=142.

After the user access level feature is enabled, you can login the web user interface with different access levels.
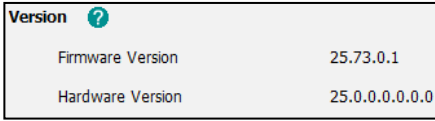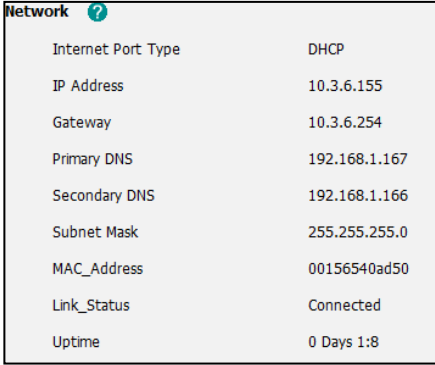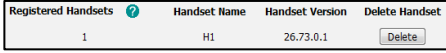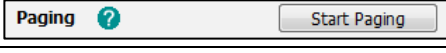
To login the web user interface with different access levels:

1. Press the **OK** key when the phone is idle to obtain the IP address.

2. Enter the IP address (e.g., http://192.168.0.10 or 192.168.0.10) in the address bar of web browser on your PC and then press the **Enter** key.

3. Enter the user name (admin/var/user) and password (admin/var/user) in the login page.

4. Click **Confirm** to login.

When logging in with different access levels, you can see different permissions of web user interface.
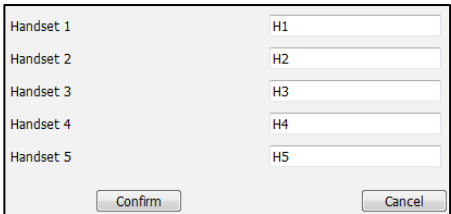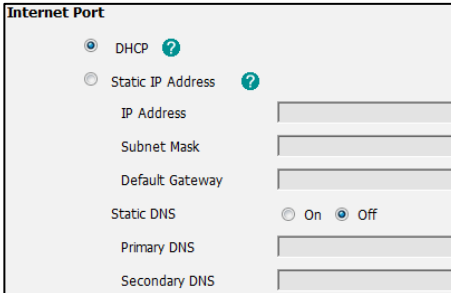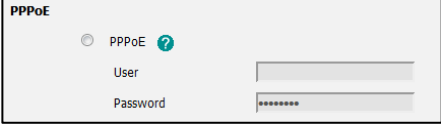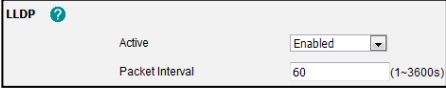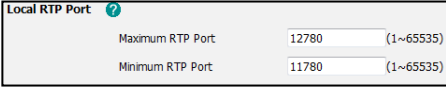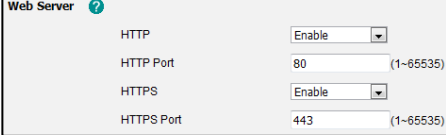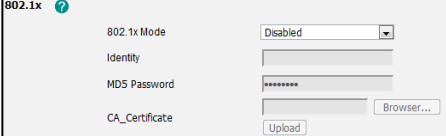
Appendix-A：Configuration Parameters
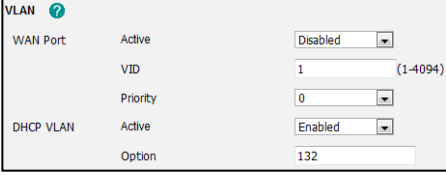
The following table lists configuration items in the WebItemslevel.cfg file with associated configurations items on the web user interface:

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
[Status-Menu]	Status-Basic = 0	Status->Status (the whole page)
	Status-VoIP = 0	Status->Handset&VoIP (the whole page)
[Status]	version = 0	Status->Version
	network = 0	Status->Network
[Status-VoIP]	registered-handset = 0	Status->Handset&VoIP->Registered Handsets
	registered-new-handset = 0	Status->Handset&VoIP->Registered New Handsets
	paging = 0	Status->Handset&VoIP->Paging
	voip-status = 0	Status->Handset&VoIP->VoIP Status

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
[Account]	account-basic = 0	Account->Basic (the whole page)
	account-codec = 0	Account->Codec (the whole page)
	account-adv = 0	Account->Advanced (the whole page)
	account-assign = 0	Account->Number Assignment (the whole page)
	account-handsetname = 0	Account->Handset Name (the whole page)
[Account-Basic]	switch-account = 0	Account->Basic->Account
	account_status = 0	Account->Basic->Register Status
	line_active = 0	Account->Basic->Line Active
	account_label = 0	Account->Basic->Label
	display_name = 0	Account->Basic->Display Name
	register_name = 01	Account->Basic->Register Name
	user_name = 01	Account->Basic->User Name
	sip_server = 01	Account->Basic->SIP Server 1 Account->Basic->SIP Server 2
	account_password = 2	Account->Basic->Password
	enabled-outbound-proxy-server = 01	Account->Basic->Enable Outbound Proxy_Server
	outbound-proxy-server = 01	Account->Basic->Outbound Proxy Server
	transport-item = 2	Account->Basic->Transport
	NAT_traversal = 2	Account->Basic->NAT Traversal
	STUN_server = 2	Account->Basic->STUN Server
	proxy_require = 0	Account->Basic->Proxy Require
	anonymous_call_enabled = 0	Account->Basic->Anonymous Call

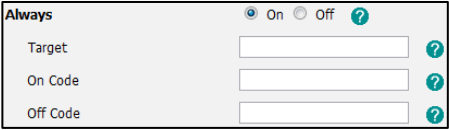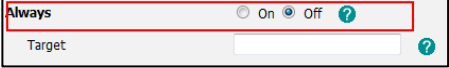| Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	anonymous_rejection_enabled = 0	Account->Basic->Anonymous Call Rejection
[Account-Codec]	switch-account = 0	Account->Codec->Account
	codecs-group = 1	Account->Codec->Audio codecs
[Account-Adv]	adv-switch-account = 0	Account->Advanced->Account
	UDP_keep-alive = 2	Account->Advanced->UDP Keep Alive Interval(seconds)
	local-SIP-port = 2	Account->Advanced->Local SIP Port
	rport = 2	Account->Advanced-> RPort
	sip-session-timer = 2	Account->Advanced->SIP Session Timer T1 (seconds) Account->Advanced->SIP Session Timer T2 (seconds) Account->Advanced->SIP Session Timer T4 (seconds)
	DTMF_items = 2	Account->Advanced->DTMF Type
	reliable_retransmission = 2	Account->Advanced->100 Reliable Retransmission
	subscribe-register = 2	Account->Advanced->Subscribe Register
	MWI-items = 2	Account->Advanced->Subscribe for MWI
	caller-ID-header = 2	Account->Advanced->Caller ID Header
	use-session-timer = 2	Account->Advanced->Use Session Timer
	session-timer = 2	Account->Advanced->Session Timer(seconds)
	session-refresher = 2	Account->Advanced->Refresher
	user-equal-phone = 2	Account->Advanced->Use user=phone
	voice-encryption = 2	Account->Advanced->Voice Encryption(SRTP)
	ptime-item = 2	Account->Advanced->Ptime(ms)

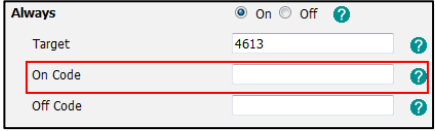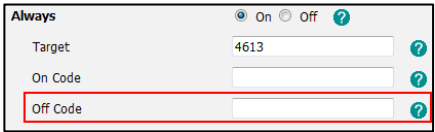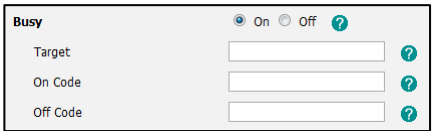| Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	share-line = 2	Account->Advanced->Shared Line
	SIP-send-MAC = 2	Account->Advanced->SIP Send MAC
	SIP-send-line = 2	Account->Advanced->SIP Send Line
	SIP-Reg-retry-timer = 2	Account->Advanced->SIP Registration Retry Timer(0~1800)(seconds)
	SubscribeMWIToVM = 2	Account->Advanced->SubscribeMWIToVM
	conference-type = 2	Account->Advanced->Conference Type
	conference-uri = 2	Account->Advanced->Conference URI
[Account-Assign]	incoming-lines = 0	Account->Number Assignment->Incoming lines
	outgoing-lines = 0	Account->Number Assignment->Outgoing lines
[Account-Handsetname]	handsetname = 1	Account->Handset Name
[Network]	network-basic = 0	Network->Basic (the whole page)
	network-advanced = 0	Network->Advanced (the whole page)
[Network-Basic]	wan-group = 0	Network->Basic->Internet Port
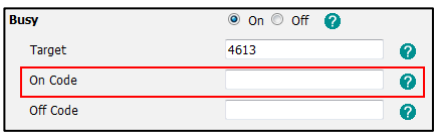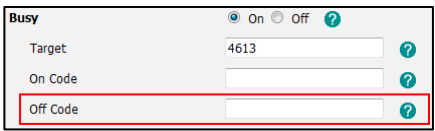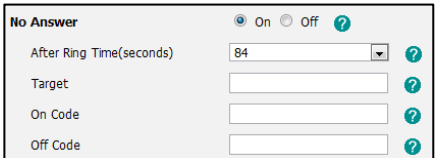
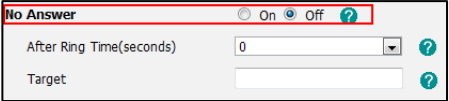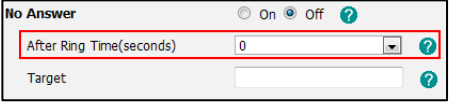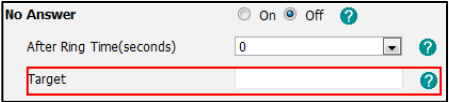| Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	wan-dhcp = 0	Network->Basic->DHCP
	wan-static-ip = 0	Network->Basic->Static IP Address
	wan-ppoe = 0	Network->Basic->PPPoE
[Network-Advanced]	LLDP-items = 2	Network->Advanced->LLDP
	VLAN-items = 2	Network->Advanced->VLAN
	voice-QoS = 2	Network->Advanced->Voice QoS
	local-RTP-port = 2	Network->Advanced->Local RTP Port
	web-server = 2	Network->Advanced->Web Server
	8021x = 2	Network->Advanced->802.1x
	open-VPN = 2	Network->Advanced->VPN

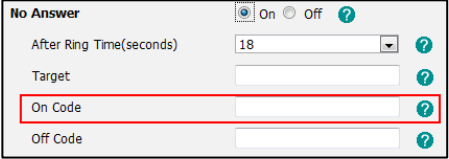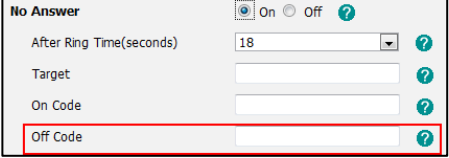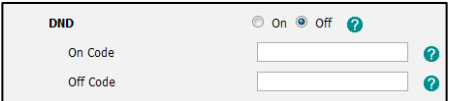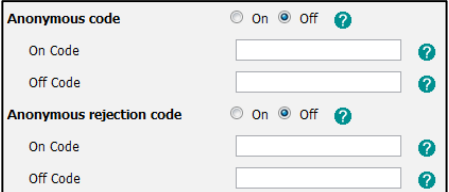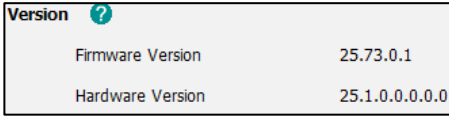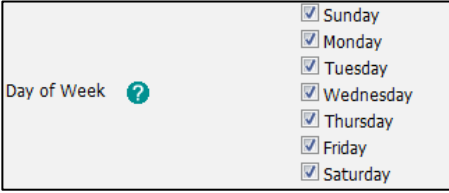| Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	reg-surge-prev = 2	Network->Advanced->Registration random
[Phone]	phone-preference = 0	Phone->Preference (the whole page)
	phone-features = 0	Phone->Features (the whole page)
	phone-features-line1 = 0	Phone->Line1(the whole page)
	phone-features-line2 = 0	Phone->Line2 (the whole page)
	phone-features-line3 = 0	Phone->Line3 (the whole page)
	phone-features-line4 = 0	Phone->Line4 (the whole page)
	phone-features-line5 = 0	Phone->Line5 (the whole page)
	phone-upgrade = 0	Phone->Upgrade (the whole page)
	phone-autoprov = 0	Phone->Auto Provision (the whole page)
	phone-config = 0	Phone->Configuration (the whole page)
	phone-dialplan = 0	Phone->Dial Plan (the whole page)
	phone-voice = 0	Phone->Voice (the whole page)
	phone-tones = 0	Phone->Tones (the whole page)
	phone-tr069 = 2	Phone->TR069 (the whole page)
[Phone-Preference]	web-language = 0	Phone->Preference->Web Language
	time_zone = 0	Phone->Preference->Time Zone
	DHCP-Time = 0	Phone->Preference->DHCP Time
	prim_server = 0	Phone->Preference->Time Server
	daylight-time = 0	Phone->Preference->Daylight Saving Time
	time_type = 0	Phone->Preference>Fixed Type (The Fixed Type field will appear when the radio box of Automatic or Enabled in the Daylight Saving Time field is marked)

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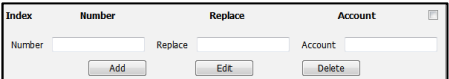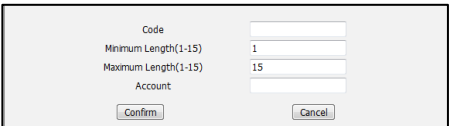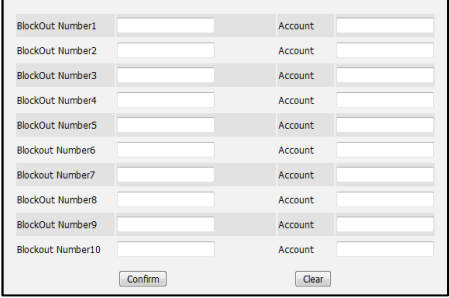| Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	daylight_date = 0	Phone->Preference (The Start Date and End Date fields will appear when the radio box of Automatic or Enabled in the Daylight Saving Time field is marked) Start Date — Month — Day — Hour End Date — Month — Day — Hour
	offset = 0	Phone->Preference->Offset (The Offset field will appear when the radio box of Automatic or Enabled in the Daylight Saving Time field is marked)
	location = 0	Phone->Preference->Location (The Location field will appear only when the radio box of Automatic in the Daylight Saving Time field is marked)
	manual-time = 0	Phone->Preference->Time Synchronization
	manual-time-settings = 0	Phone->Preference (The Date and Time fields will appear when Disabled is selected from the pull-down list of the Time Synchronization) Date — Year 2014 — Month 6 — Day 4 Time — Hour 21 — Minute 25 — Second 01
	update_interval = 0	Phone->Preference->Synchronization Period
	ntp_priority = 0	Phone->Preference->NTP By DHCP Priority
	watchdog = 2	Phone->Preference->Watch Dog
[Phone-Features]	call_waiting = 0	Phone->Features->Call Waiting
	call-waiting-tone = 0	Phone->Features->Call Waiting Tone
	emergency_setting = 2	Phone->Features->Emergency Numbers
	return-code-refuse = 0	Phone->Features->Return code when
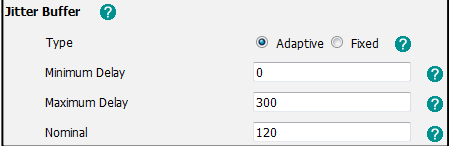
Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
		refuse
	return-code-DND = 0	Phone->Features->Return Code When DND
	semi-attend-transfer = 0	Phone->Features->Enable SemiAttend Transfer
	Semi-Attend-Trans-OnHook = 0	Phone->Features->Attend Transfer OnHook
	blind-tran-onhook = 0	Phone->Features->Blind Transfer OnHook
	RFC-2543-Hold = 2	Phone->Features->RFC 2543 Hold
	use-outbound-in-dialog = 2	Phone->Features->Use Outbound Proxy in Dialog
	IsDeal-180 = 2	Phone->Features->180 Ringing
	SaveCallHistory = 2	Phone->Features->Save Call Log
	logout_time = 0	Phone->Features->Login Timeout(1~1000)(Minutes)
	SuppressDTMFDisplay = 1	Phone->Features->Suppress DTMF Display
	SuppressDTMFDisplayDelay = 1	Phone->Features->Suppress DTMF Display Delay
	feature-key-synchronisation = 0 (only applicable to UC-One firmware version)	Phone->Features->Feature Synchronization
	DHCP_hostname = 0	Phone->Features->DHCP Hostname
	call-number-filter = 2	Phone->Features->Call Number Filter
	voicemail-tone = 2	Phone->Features->Voice Mail Tone
[Phone-Features-Line]	always-forword = 0	Phone->LineX->Forward
	always-forward-enabled = 0	Phone->LineX->Forward->Always
	always-forward-target = 0	Phone->LineX->Forward->Target
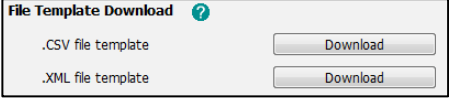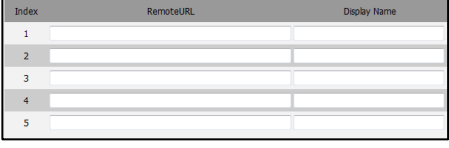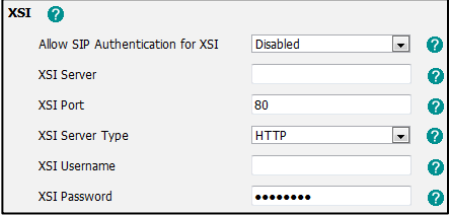
Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	always-forward-OnCode = 0	Phone->LineX->Forward->On Code
	always-forward-OffCode = 0	Phone->LineX-->Forward ->Off Code
	busy-forword = 0	Phone->LineX->Forward
	busy-forward-enabled = 0	Phone->LineX->Forward->Busy
	busy-forward-target = 0	Phone->LineX->Forward->Target
	busy-forward-OnCode = 0	Phone->LineX->Forward->On Code
	busy-forward-OffCode = 0	Phone->LineX->Forward->Off Code
	NoAnswer-forward = 0	Phone->LineX->Forward

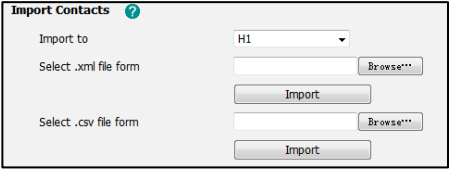| Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	NoAnswer-forward-enabled = 0	Phone->LineX->Forward->No Answer
	NoAnswer-forward-ringtimes = 0	Phone->LineX->Forward->After Ring Time(seconds)
	NoAnswer-forward-target = 0	Phone->LineX->Forward->Target
	NoAnswer-forward-OnCode = 0	Phone->LineX->Forward->On Code
	NoAnswer-forward-OffCode = 0	Phone->LineX->Forward->Off Code
	not-disturb = 0	Phone->LineX->DND
	anonymous = 0	Phone->LineX->Anonymous Call
	voice-mail = 0	Phone->LineX->Voice Mail
[Phone-Upgrade	version_info = 0	Phone->Upgrade->Version

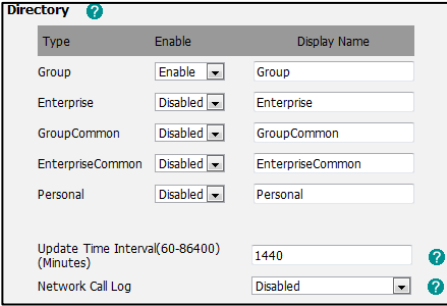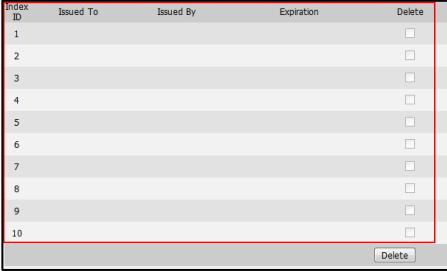| Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
]		**Version** ❓ Firmware Version 25.73.0.1 Hardware Version 25.1.0.0.0.0.0
	reset_to_factory = 1	Phone->Upgrade->Reset to Factory
	reboot_device = 0	Phone->Upgrade->Reboot
	upgrade_firmware = 1	Phone->Upgrade->Select and Upgrade Base Firmware
	upgrade_handset_firmware = 2	Phone->Upgrade->Select and Upgrade Handset Firmware
	pcap_trace = 1	Phone->Upgrade->Pcap Feature
[Phone-AutoProvision]	dhcp-active = 2	Phone->Auto Provision->DHCP Option
	custom-option = 2	Phone->Auto Provision->Custom Option(128~254)
	dhcp-option-value = 2	Phone->Auto Provision->DHCP Option 60
	server-URL = 2	Phone->Auto Provision->Provisioning Server
	autop-username = 2	Phone->Auto Provision->User Name
	autop-password = 2	Phone->Auto Provision->Password
	common-AES-key = 2	Phone->Auto Provision->Common AES Key
	MAC-Oriented-AES-key = 2	Phone->Auto Provision->MAC-Oriented AES Key
	pnp-active = 2	Phone->Auto Provision->PNP
	poweron-active = 2	Phone->Auto Provision->Check New Config
	repeatly-active = 2	Phone->Auto Provision->Repeatedly
	repeat-interval = 2	Phone->Auto Provision->Interval(Minutes)
	weekly-active = 2	Phone->Auto Provision->Weekly
	autop-time = 2	Phone->Auto Provision->Time
	day-of-week = 2	Phone->Auto Provision->Day of Week
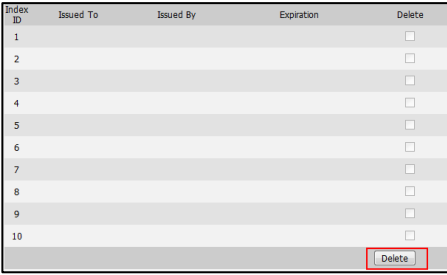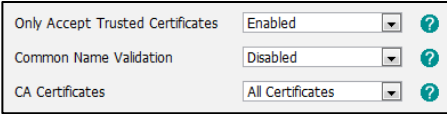
Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	btn-autop-now = 2	Phone->Auto Provision->AutoProvision Now
[Phone-Config]	opt-configfile = 1	Phone->Configuration->Import / Export Config
	opt-factory-configfile = 2	Phone->Configuration->Import Factory configuration
	local-configfile = 0	Phone->Configuration->Local Configuration
	syslog = 1	Phone->Configuration->Export System Log
	SystemlogLevel = 2	Phone->Configuration->Log Leve
[Phone-DialPlan]	replace-rule = 0	Phone->Dial Plan->Replace Rule (the whole page)
	area-code = 0	Phone->Dial Plan->Area Code (the whole page)
	block-out = 0	Phone->Dial Plan->Block Out (the whole page)
	replace-rule-control = 0	Phone->Dial Plan->Replace Rule
	area-code-control = 0	Phone->Dial Plan->Area Code
	block-out-control = 0	Phone->Dial Plan->Block Out

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
[Phone-Voice]	echo-cancellation = 0	Phone->Voice->Echo Cancellation
	jitter-buffer = 0	Phone->Voice->Jitter Buffer
[Phone-Tones]	tone-items = 0	Phone->Tones (The whole page)
[Phone-Tr069]	EnableTR069 = 2	Phone->TR069->TR069
	ACSUsername = 2	Phone->TR069->ACS Username
	ACSPassword = 2	Phone->TR069->ACS Password
	ACSURL = 2	Phone->TR069->ACS URL
	EnablePeriodicInform = 2	Phone->TR069->Periodic Inform
	PeriodicInformInterval = 2	Phone->TR069->Periodic Inform Interval (seconds)
	RequestUsername = 2	Phone->TR069->Connection Request Username
	RequestPassword = 2	Phone->TR069->Connection Request Password
[Contacts]	contacts-basic = 0	Contacts->Contacts (The whole page)
	contacts-remote = 0	Contacts->Remote Phone Book (The whole page)
	contacts-broadsoft = 0 (only applicable to UC-One firmware version)	Contacts->Network Directory (The whole page)

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Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
[Contacts-Basic]	download-contacts = 1	Contacts->Contacts->File Template Download
	import-contacts = 1	Contacts->Contacts ->Import Contacts
	export-contacts = 1	Contacts->Contacts->Export Contacts
[Contacts-Remote]	remote-phonebook-list = 0	Contacts->Remote Phone Book
	SRemoteNameFlashTime = 0	Contacts->Remote Phone Book-> Update Time Interval(60-86400)(Minutes)
[Contacts-Broadsoft] (only applicable to UC-One firmware version)	XSI = 0	Contacts->Network Directory->XSI
	Directotries = 0	Contacts->Network Directory-> Directory

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
[Security]	password = 0	Security->Password (The whole page)
	base-pin = 0	Security->Base PIN (The whole page)
	trusted_cert = 2	Security->Trusted Certificates (The whole page)
	server_cert = 2	Security->Server Certificates (The whole page)
[BasePin]	base-unit-pin = 0	Security->Base PIN
[ServerCerts]	server-certs-records = 2	Security->Server Certificates
	server-certs-upload = 2	Security->Server Certificates-> Upload Server Certificate
	server-certs-device-cert = 2	Security->Server Certificates-> Device Certificates
[TrustCerts]	trust-certs-records = 2	Security->Trusted Certificates
	btn-delete-certs = 2	Security->Trusted Certificates ->Delete

Section Header	Parameters and Default Value	Configuration Items on the Web User Interface
	only-accept-trusted-certs = 2	Security->Trusted Certificates->Only Accept Trusted Certificates
	upload-trust-certs = 2	Security->Trusted Certificates-> Upload Trusted Certificate
[HiddenSetting]	phone-setting = 2	Hidden->Phone Setting
	custom-factory-config = 2	Hidden->Custom Factory Config
	Forward-Active = 2	Hidden->Forward Active
	DND-Active = 2	Hidden->DND Active
	Broadsoft-Active = 1	Hidden->BroadSoft Active
	Redirect-Active = 1	Hidden->Redirect Active

Appendix-B：Sample WebItemsLevel.cfg File

The default configuration item settings in the WebItemsLevel.cfg file for W52P IP DECT phones are:

```
[ Status-Menu ]
Status-Basic = 0
Status-VoIP = 0


[ Status ]
version = 0
network = 0


[Status-VoIP]
registered-handset = 0
registered-new-handset = 0
paging = 0
voip-status = 0


[ Account ]
account-basic = 0
account-codec = 0
account-adv = 0
account-assign = 0
account-handsetname = 0


[ Account-Basic ]
switch-account = 0
account_status = 0
line_active = 0
account_label = 0
display_name = 0
register_name = 01
user_name = 01
sip_server = 01
account_password = 2
enabled-outbound-proxy-server = 01
```

```
outbound-proxy-server = 01

transport-item = 2

NAT_traversal = 2

STUN_server = 2

proxy_require = 0

anonymous_call_enabled = 0

anonymous_rejection_enabled = 0


[ Account-Codec ]

switch-account = 0

codecs-group = 1


[ Account-Adv ]

adv-switch-account = 0

UDP_keep-alive = 2

local-SIP-port = 2

rport = 2

sip-session-timer = 2

DTMF_items = 2

reliable_retransmission = 2

subscribe-register = 2

MWI-items = 2

caller-ID-header = 2

use-session-timer = 2

session-timer = 2

session-refresher = 2

user-equal-phone = 2

voice-encryption = 2

ptime-item = 2

share-line = 2

SIP-send-MAC = 2

SIP-send-line = 2

SIP-Reg-retry-timer = 2

SubscribeMWIToVM = 2

conference-type = 2

conference-uri = 2
```

[Account-Assign]

incoming-lines = 0

outgoing-lines = 0

[Account-Handsetname]

handsetname = 1

[Network]

network-basic = 0

network-advanced = 0

[Network-Basic]

wan-group = 0

wan-dhcp = 0

wan-static-ip = 0

wan-ppoe = 0

[Network-Advanced]

LLDP-items = 2

VLAN-items = 2

voice-QoS = 2

local-RTP-port = 2

web-server = 2

8021x = 2

open-VPN = 2

reg-surge-prev = 2

[Phone]

phone-preference = 0

phone-features = 0

phone-features-line1 = 0

phone-features-line2 = 0

phone-features-line3 = 0

phone-features-line4 = 0

phone-features-line5 = 0

phone-upgrade = 0

phone-autoprov = 0

```
phone-config = 0

phone-dialplan = 0

phone-voice = 0

phone-tones = 0

phone-tr069 = 2


[ Phone-Preference ]

web-language = 0

time_zone = 0

DHCP-Time = 0

prim_server = 0

daylight-time = 0

time_type = 0

daylight_date = 0

offset = 0

location = 0

manual-time = 0

manual-time-settings = 0

update_interval = 0

ntp_priority = 0

watchdog = 2


[ Phone-Features ]

call_waiting = 0

call-waiting-tone = 0

emergency_setting = 2

return-code-refuse = 0

return-code-DND = 0

semi-attend-transfer = 0

Semi-Attend-Trans-OnHook = 0

blind-tran-onhook = 0

RFC-2543-Hold = 2

use-outbound-in-dialog = 2

IsDeal-180 = 2

SaveCallHistory = 2

logout_time = 0

SuppressDTMFDisplay = 1
```

SuppressDTMFDisplayDelay = 1

feature-key-synchronisation = 0

DHCP_hostname = 0

call-number-filter = 2

voicemail-tone = 2

[Phone-Features-Line]

always-forword = 0

always-forward-enabled = 0

always-forward-target = 0

always-forward-OnCode = 0

always-forward-OffCode = 0

busy-forword = 0

busy-forward-enabled = 0

busy-forward-target = 0

busy-forward-OnCode = 0

busy-forward-OffCode = 0

NoAnswer-forward = 0

NoAnswer-forward-enabled = 0

NoAnswer-forward-ringtimes = 0

NoAnswer-forward-target = 0

NoAnswer-forward-OnCode = 0

NoAnswer-forward-OffCode = 0

not-disturb = 0

anonymous = 0

voice-mail = 0

[Phone-Upgrade]

version_info = 0

reset_to_factory = 1

reboot_device = 0

upgrade_firmware = 1

upgrade_handset_firmware = 2

pcap_trace = 1

[Phone-AutoProvision]

dhcp-active = 2

custom-option = 2

dhcp-option-value = 2

server-URL = 2

autop-username = 2

autop-password = 2

common-AES-key = 2

MAC-Oriented-AES-key = 2

pnp-active = 2

poweron-active = 2

repeatly-active = 2

repeat-interval = 2

weekly-active = 2

autop-time = 2

day-of-week = 2

btn-autop-now = 2

[Phone-Config]

opt-configfile = 1

opt-factory-configfile = 2

local-configfile = 0

syslog = 1

SystemlogLevel = 2

[Phone-DialPlan]

replace-rule = 0

area-code = 0

block-out = 0

replace-rule-control = 0

area-code-control = 0

block-out-control = 0

[Phone-Voice]

echo-cancellation = 0

jitter-buffer = 0

[Phone-Tones]

tone-items = 0

```
[ Phone-Tr069 ]

EnableTR069 = 2

ACSUsername = 2

ACSPassword = 2

ACSURL = 2

EnablePeriodicInform = 2

PeriodicInformInterval = 2

RequestUsername = 2

RequestPassword = 2


[ Contacts ]

contacts-basic = 0

contacts-remote = 0

contacts-broadsoft = 0


[ Contacts-Basic ]

download-contacts = 1

import-contacts = 1

export-contacts = 1


[ Contacts-Remote ]

remote-phonebook-list = 0

SRemoteNameFlashTime = 0


[ Contacts-Broadsoft ]

XSI = 0

Directotries = 0


[ Security ]

password = 0

base-pin = 0

trusted_cert = 2

server_cert = 2


[ BasePin ]

base-unit-pin = 0
```

[ServerCerts]

server-certs-records = 2

server-certs-upload = 2

server-certs-device-cert = 2

[TrustCerts]

trust-certs-records = 2

btn-delete-certs = 2

only-accept-trusted-certs = 2

upload-trust-certs = 2

[HiddenSetting]

phone-setting = 2

custom-factory-config = 2

Forward-Active = 2

DND-Active = 2

Broadsoft-Active = 1

Redirect-Active = 1

Customer Feedback

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