

Action URL

Action URL allows IP phones to interact with web server applications by sending an HTTP or HTTPS GET request. You can specify a URL that triggers a GET request when a specified event occurs. Action URL can only be triggered by the pre-defined events (e.g., Open DND). The valid URL format is: `http(s)://IP address of the server/help.xml?`.

The following table lists the pre-defined events for action URL.

Event	Description
Setup Completed	When the IP phone completes startup.
Registered	When the IP phone successfully registers an account.
Unregistered	When the IP phone logs off the registered account.
Register Failed	When the IP phone fails to register an account.
Off Hook	When the IP phone is off hook.
On Hook	When the IP phone is on hook.
Incoming Call	When the IP phone receives an incoming call.
Outgoing Call	When the IP phone places a call.
Established	When the IP phone establishes a call.

Event	Description
Terminated	When the IP phone terminates a call.
Open DND	When the IP phone enables the DND mode.
Close DND	When the IP phone disables the DND mode.
Open Always Forward	When the IP phone enables the always forward.
Close Always Forward	When the IP phone disables the always forward.
Open Busy Forward	When the IP phone enables the busy forward.
Close Busy Forward	When the IP phone disables the busy forward.
Open NoAnswer Forward	When the IP phone enables the no answer forward.
Close NoAnswer Forward	When the IP phone disables the no answer forward.
Transfer Call	When the IP phone transfers a call.
Blind Transfer	When the IP phone blind transfers a call.
Attended Transfer	When the IP phone performs the semi-attended/attended transfer.
Hold	When the IP phone places a call on hold.
UnHold	When the IP phone resumes a hold call.
Held	When a call of the IP phone is held.
UnHeld	When a held call is resumed.
Mute	When the IP phone mutes a call.
UnMute	When the IP phone un-mutes a call.
Missed Call	When the IP phone misses a call.
IP Changed	When the IP address of the IP phone changes.
Idle To Busy	When the state of the IP phone changes from idle to busy.
Busy To Idle	When the state of phone changes from busy to idle.
Reject Incoming Call	When the IP phone rejects an incoming call.
Answer New-In Call	When the IP phone answers a new call.
Transfer Failed	When the IP phone fails to transfer a call.
Transfer Finished	When the IP phone completes to transfer a call.
Forward Incoming Call	When the IP phone forwards an incoming call.
Autop Finish	When the IP phone completes auto provisioning via power on.
Open Call Waiting	When the IP phone enables the call waiting.

Event	Description
Close Call Waiting	When the IP phone disables the call waiting.
Headset	When the IP phone presses the HEADSET key.
Handfree	When the IP phone presses the Speakerphone key.
Cancel Call Out	When the IP phone cancels an outgoing call in the ring-back state.
Remote Busy	When an outgoing call is rejected.
Call Remote Canceled	When the remote party cancels the outgoing call in the ringing state.

An HTTP or HTTPS GET request may contain variable name and variable value, separated by “=”. Each variable value starts with \$ in the query part of the URL. The valid URL format is: `http(s)://IP address of server/help.xml?variable name=$variable value`. Variable name can be custom by users, while the variable value is pre-defined. For example, a URL “`http://192.168.1.10/help.xml?mac=$mac`” is specified for the event Mute, \$mac will be dynamically replaced with the MAC address of the IP phone when the IP phone mutes a call.

The following table lists pre-defined variable values.

Variable Value	Description
\$mac	The MAC address of the IP phone.
\$ip	The IP address of the IP phone.
\$model	The IP phone model.
\$firmware	The firmware version of the IP phone.
\$active_url	The SIP URI of the current account when the IP phone places a call, receives an incoming call or establishes a call.
\$active_user	The user part of the SIP URI for the current account when the IP phone places a call, receives an incoming call or establishes a call.
\$active_host	The host part of the SIP URI for the current account when the IP phone places a call, receives an incoming call or establishes a call.
\$local	The SIP URI of the caller when the IP phone places a call. The SIP URI of the callee when the IP phone receives an incoming call.
\$remote	The SIP URI of the callee when the IP phone places a

Variable Value	Description
	call. The SIP URI of the caller when the IP phone receives an incoming call.
\$display_local	The display name of the caller when the IP phone places a call. The display name of the callee when the IP phone receives an incoming call.
\$display_remote	The display name of the callee when the IP phone places a call. The display name of the caller when the IP phone receives an incoming call.
\$call_id	The call-id of the active call.
\$callerID	The display name of the caller when the IP phone receives an incoming call.
\$calledNumber	The phone number of the callee when the IP phone places a call.

Procedure

Action URL can be configured using the configuration files or locally.

Configuration File	<y0000000000xx>.cfg	Configure action URL. Parameters: action_url.setup_completed action_url.registered action_url.unregisterd action_url.register_failed action_url.off_hook action_url.on_hook action_url.incoming_call action_url.outgoing_call action_url.call_established action_url.dnd_on action_url.dnd_off action_url.always_fwd_on action_url.always_fwd_off action_url.busy_fwd_on action_url.busy_fwd_off
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		<p> action_url.no_answer_fwd_on action_url.no_answer_fwd_off action_url.transfer_call action_url.blind_transfer_call action_url.attended_transfer_call action_url.hold action_url.unhold action_url.held action_url.unheld action_url.mute action_url.unmute action_url.missed_call action_url.call_terminated action_url.busy_to_idle action_url.idle_to_busy action_url.ip_change action_url.forward_incoming_call action_url.reject_incoming_call action_url.answer_new_incoming_c all action_url.transfer_finished action_url.transfer_failed action_url.setup_autop_finish 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 </p>
<p>Local</p>	<p>Web User Interface</p>	<p>Configure action URL.</p> <p>Navigate to:</p> <p>http://<phoneIPAddress>/servlet?p =features-actionurl&q=load</p>

Details of Configuration Parameters:

Parameters	Permitted Values	Default
action_url.setup_completed	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends after startup. The value format is: http(s)://IP address of server/help.xml? variable name=variable value.</p> <p>Valid variable values are:</p> <ul style="list-style-type: none"> • \$mac • \$ip • \$model • \$firmware • \$active_url • \$active_user • \$active_host • \$local • \$remote • \$display_local • \$display_remote • \$call_id • \$callerID • \$calledNumber <p>Example: action_url.setup_completed = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Setup Completed</p> <p>Phone User Interface: None</p>		
action_url.registered	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends after an account is registered.</p> <p>Example: action_url.registered = http://192.168.0.20/help.xml?IP=\$ip</p>		

Parameters	Permitted Values	Default
<p>Web User Interface: Features->Action URL->Registered</p> <p>Phone User Interface: None</p>		
action_url.unregistered	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends after an account is unregistered.</p> <p>Example: action_url.unregistered = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Unregistered</p> <p>Phone User Interface: None</p>		
action_url.register_failed	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends after a register failed.</p> <p>Example: action_url.register_failed = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Register Failed</p> <p>Phone User Interface: None</p>		
action_url.off_hook	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when off hook.</p> <p>Example: action_url.off_hook = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Off Hook</p>		

Parameters	Permitted Values	Default
Phone User Interface: None		
action_url.on_hook	URL within 511 characters	Blank
Description: Configures the action URL the IP phone sends when on hook. Example: action_url.on_hook = http://192.168.0.20/help.xml?IP=\$ip Web User Interface: Features->Action URL->On Hook Phone User Interface: None		
action_url.incoming_call	URL within 511 characters	Blank
Description: Configures the action URL the IP phone sends when receiving an incoming call. Example: action_url.incoming_call = http://192.168.0.20/help.xml?IP=\$ip Web User Interface: Features->Action URL->Incoming Call Phone User Interface: None		
action_url.outgoing_call	URL within 511 characters	Blank
Description: Configures the action URL the IP phone sends when placing a call. Example: action_url.outgoing_call = http://192.168.0.20/help.xml?IP=\$ip Web User Interface: Features->Action URL->Outgoing Call Phone User Interface: None		

Parameters	Permitted Values	Default
action_url.call_established	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when establishing a call.</p> <p>Example: action_url.call_established = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Established</p> <p>Phone User Interface: None</p>		
action_url.dnd_on	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when DND feature is enabled.</p> <p>Example: action_url.dnd_on = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Open DND</p> <p>Phone User Interface: None</p>		
action_url.dnd_off	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when DND feature is disabled.</p> <p>Example: action_url.dnd_off = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Close DND</p> <p>Phone User Interface: None</p>		
action_url.always_fwd_on	URL within 511 characters	Blank

Parameters	Permitted Values	Default
<p>Description: Configures the action URL the IP phone sends when always forward feature is enabled.</p> <p>Example: action_url.always_fwd_on = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Open Always Forward</p> <p>Phone User Interface: None</p>		
action_url.always_fwd_off	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when always forward feature is disabled.</p> <p>Example: action_url.always_fwd_off = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Close Always Forward</p> <p>Phone User Interface: None</p>		
action_url.busy_fwd_on	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when busy forward feature is enabled.</p> <p>Example: action_url.busy_fwd_on = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Open Busy Forward</p> <p>Phone User Interface: None</p>		
action_url.busy_fwd_off	URL within 511 characters	Blank

Parameters	Permitted Values	Default
<p>Description: Configures the action URL the IP phone sends when busy forward feature is disabled.</p> <p>Example: action_url.busy_fwd_off = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Close Busy Forward</p> <p>Phone User Interface: None</p>		
action_url.no_answer_fwd_on	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when no answer forward feature is enabled.</p> <p>Example: action_url.no_answer_fwd_on = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Open NoAnswer Forward</p> <p>Phone User Interface: None</p>		
action_url.no_answer_fwd_off	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when no answer forward feature is disabled.</p> <p>Example: action_url.no_answer_fwd_off = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Close NoAnswer Forward</p> <p>Phone User Interface: None</p>		
action_url.transfer_call	URL within 511 characters	Blank

Parameters	Permitted Values	Default
<p>Description: Configures the action URL the IP phone sends when performing a transfer.</p> <p>Example: action_url.transfer_call = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Transfer Call</p> <p>Phone User Interface: None</p>		
action_url.blind_transfer_call	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when performing a blind transfer.</p> <p>Example: action_url.blind_transfer_call = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Blind Transfer</p> <p>Phone User Interface: None</p>		
action_url.attended_transfer_call	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when performing an attended/semi-attended transfer.</p> <p>Example: action_url.attended_transfer_call = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Attended Transfer</p> <p>Phone User Interface: None</p>		
action_url.hold	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when placing a call on hold.</p>		

Parameters	Permitted Values	Default
<p>Example: action_url.hold = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Hold</p> <p>Phone User Interface: None</p>		
action_url.unhold	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when resuming a hold call.</p> <p>Example: action_url.unhold = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->UnHold</p> <p>Phone User Interface: None</p>		
action_url.held	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when a call is held.</p> <p>Example: action_url.held = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: None</p> <p>Phone User Interface: None</p>		
action_url.unheld	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when a call being held is resumed.</p> <p>Example: action_url.unheld = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface:</p>		

Parameters	Permitted Values	Default
None Phone User Interface: None		
action_url.mute	URL within 511 characters	Blank
Description: Configures the action URL the IP phone sends when muting a call. Example: action_url.mute = http://192.168.0.20/help.xml?IP=\$ip Web User Interface: Features->Action URL->Mute Phone User Interface: None		
action_url.unmute	URL within 511 characters	Blank
Description: Configures the action URL the IP phone sends when un-muting a call. Example: action_url.unmute = http://192.168.0.20/help.xml?IP=\$ip Web User Interface: Features->Action URL->UnMute Phone User Interface: None		
action_url.missed_call	URL within 511 characters	Blank
Description: Configures the action URL the IP phone sends when missing a call. Example: action_url.missed_call = http://192.168.0.20/help.xml?IP=\$ip Web User Interface: Features->Action URL->Missed Call Phone User Interface: None		

Parameters	Permitted Values	Default
action_url.call_terminated	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when terminating a call.</p> <p>Example: action_url.call_terminated = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Terminated</p> <p>Phone User Interface: None</p>		
action_url.busy_to_idle	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when changing the state of the IP phone from busy to idle.</p> <p>Example: action_url.busy_to_idle = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Busy To Idle</p> <p>Phone User Interface: None</p>		
action_url.idle_to_busy	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when changing the state of the IP phone from idle to busy.</p> <p>Example: action_url.idle_to_busy = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Idle To Busy</p> <p>Phone User Interface: None</p>		

Parameters	Permitted Values	Default
action_url.ip_change	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when changing the IP address of the IP phone.</p> <p>Example: action_url.ip_change = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->IP Changed</p> <p>Phone User Interface: None</p>		
action_url.forward_incoming_call	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when forwarding an incoming call.</p> <p>Example: action_url.forward_incoming_call = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Forward Incoming Call</p> <p>Phone User Interface: None</p>		
action_url.reject_incoming_call	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when rejecting an incoming call.</p> <p>Example: action_url.reject_incoming_call = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Reject Incoming Call</p> <p>Phone User Interface: None</p>		

Parameters	Permitted Values	Default
action_url.answer_new_incoming_call	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when answering a new incoming call.</p> <p>Example: action_url.answer_new_incoming_call = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Answer New-In Call</p> <p>Phone User Interface: None</p>		
action_url.transfer_finished	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when completing a call transfer.</p> <p>Example: action_url.transfer_finished = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Transfer Finished</p> <p>Phone User Interface: None</p>		
action_url.transfer_failed	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when failing to transfer a call.</p> <p>Example: action_url.transfer_failed = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Transfer Failed</p> <p>Phone User Interface: None</p>		
action_url.setup_autop_finish	URL within 511 characters	Blank

Parameters	Permitted Values	Default
<p>Description: Configures the action URL the IP phone sends when completing auto provisioning via power on.</p> <p>Example: action_url.setup_autop_finish = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Autop Finish</p> <p>Phone User Interface: None</p>		
action_url.call_waiting_on	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when call waiting feature is enabled.</p> <p>Example: action_url.call_waiting_on = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Open Call Waiting</p> <p>Phone User Interface: None</p>		
action_url.call_waiting_off	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when call waiting feature is disabled.</p> <p>Example: action_url.call_waiting_off = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Close Call Waiting</p> <p>Phone User Interface: None</p>		
action_url.headset	URL within 511 characters	Blank
<p>Description:</p>		

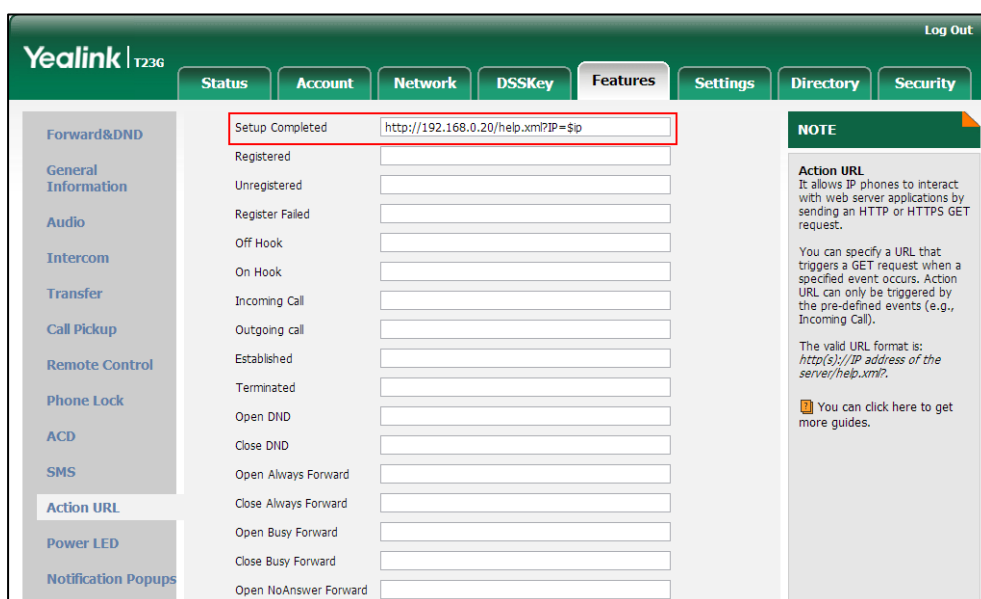
Parameters	Permitted Values	Default
<p>Configures the action URL the IP phone sends when pressing the HEADSET key.</p> <p>Example: action_url.headset = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Headset</p> <p>Phone User Interface: None</p>		
action_url.handfree	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when pressing the Speakerphone key.</p> <p>Example: action_url.handfree = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Handfree</p> <p>Phone User Interface: None</p>		
action_url.cancel_callout	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when cancels the outgoing call in the ring-back state.</p> <p>Example: action_url.cancel_callout = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Cancel Call Out</p> <p>Phone User Interface: None</p>		
action_url.remote_busy	URL within 511 characters	Blank

Parameters	Permitted Values	Default
<p>Description: Configures the action URL the IP phone sends when the outgoing call is rejected.</p> <p>Example: action_url.remote_busy = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Remote Busy</p> <p>Phone User Interface: None</p>		
action_url.call_remote_canceled	URL within 511 characters	Blank
<p>Description: Configures the action URL the IP phone sends when the remote party cancels the outgoing call in the ringing state.</p> <p>Example: action_url.call_remote_canceled = http://192.168.0.20/help.xml?IP=\$ip</p> <p>Web User Interface: Features->Action URL->Call Remote Canceled</p> <p>Phone User Interface: None</p>		

To configure action URL via web user interface:

1. Click on **Features->Action URL**.

2. Enter the action URLs in the corresponding fields.



3. Click **Confirm** to accept the change.

Action URI

HTTP/HTTPS GET Request

Opposite to action URL, action URI allows IP phones to interact with web server application by receiving and handling an HTTP or HTTPS GET request. When receiving a GET request, the IP phone will perform the specified action and respond with a 200 OK message. A GET request may contain variable named as “key” and variable value, which are separated by “=”. The valid URI format is: http(s)://phone IP address/servlet?key=variable value. For example: http://10.3.20.10/servlet?key=OK.

SIP Notify Message

In addition, Yealink IP phones support performing the specified action immediately by accepting a SIP NOTIFY message with the “Event: ACTION-URI” header from a SIP proxy server. The message body of the SIP NOTIFY message may contain variable named as “key” and variable value, which are separated by “=”.

This method is especially useful for users always working in the small office/home office where a secure firewall may prevent the HTTP or HTTPS GET request from the external network.

Note

If you want to only accept the SIP NOTIFY message from your SIP server and outbound proxy server, you have to enable the [Accept SIP Trust Server Only](#) feature. For more information, refer to [Accept SIP Trust Server Only](#) on page 240.

Example of a SIP Notify with the variable value (OK):

Message Header

NOTIFY sip:3583@10.2.40.10:5062 SIP/2.0
Via: SIP/2.0/UDP 10.2.40.27:5063;branch=z9hG4bK4163876675
From: <sip:3586@10.3.5.199>;tag=2900480538
To: "3583" <sip:3583@10.3.5.199>;tag=490600926
Call-ID: 2923387519@10.2.40.10
CSeq: 4 NOTIFY
Contact: <sip:3586@10.2.40.27:5063>
Max-Forwards: 70
User-Agent: Yealink SIP-T23G
Event: ACTION-URI
Content-Type: message/sipfrag
Content-Length: 6

Message Body

key=OK

The following table lists pre-defined variable values:

Variable Value	Phone Action
OK	Press the OK/v key.
ENTER	Press the Enter soft key.
SPEAKER	Press the Speakerphone key.
F_TRANSFER	Transfers a call to another party.
VOLUME_UP	Increase the volume.
VOLUME_DOWN	Decrease the volume.
MUTE	Mute a call.
F_HOLD	Place an active call on hold.
F_CONFERENCE	Press the Conf soft key.
X	Cancel actions or reject incoming calls or mute or un-mute calls.
0-9*/POUND	Press the keypad (0-9, * or #).
L1-LX	Press the line keys (for SIP-T48G, X=29, for SIP-T46G/T29G, X=27, for SIP-T42G/T41P, X=15, for SIP-T27P, X=21, for SIP-T23P/G, X=3, for SIP-T21(P) E2, X=2).
F1-F4	Press the soft keys.
MSG	Press the MESSAGE key.
HEADSET	Press the HEADSET key.
RD	Press the RD key.
UP/DOWN/LEFT/RIGHT	Press the navigation keys.
Reboot	Reboot the phone.
AutoP	Perform auto provisioning.
DNDOn	Activate the DND mode.
DNDOff	Deactivate the DND mode.
number=xxx&outgoing_uri=y	Place a call to xxx from SIP URI y. Example: http://10.3.20.10/servlet?key=number=1234 &outgoing_uri=1006@10.3.5.199 (1234 means the number you dial out; 1006@10.3.5.199 means the SIP URL you dial from.)

Variable Value	Phone Action
OFFHOOK	Pick up the handset.
ONHOOK	Hang up the handset.
ANSWER	Answer a call.
Reset	Reset a phone.
ATrans=xxx	Perform a semi-attended/attended transfer to xxx.
BTrans=xxx	Perform a blind transfer to xxx.
CALLEND	End a call.
phonecfg=get[&accounts=x][&dnd=x][&fw=x]	<p>Get firmware version, registration, DND or forward configuration information.</p> <p>The valid value of "x" is 0 or 1, 0 means you do not need to get configuration information. 1 means you want to get configuration information.</p> <p>Note: The valid URI is: http(s)://phone IP address/servlet?phonecfg=get[&accounts=x][&dnd=x][&fw=x]</p> <p>Example:</p> <p>http://10.3.20.10/servlet?phonecfg=get[&accounts=1][&dnd=0][&fw=1]</p>

Note

The variable value is not applicable to all events. For example, the variable value "MUTE" is only applicable when the IP phone is during a call.

When authentication is required, you must enter "p=login&q=login&username=xxx&pwd=yyy&jumpto=URI&" before the variable "key". xxx refers to the login user name and yyy refers to the login password.

Configuring Trusted IP Address for Action URI

For security reasons, IP phones do not receive and handle HTTP/HTTPS GET requests by default. You need to specify the trusted IP address for action URI. When the IP phone receives a GET request from the trusted IP address for the first time, the LCD screen prompts the message "Allow Remote Control?". You can specify one or more trusted IP addresses on the IP phone, or configure the IP phone to receive and handle the URI from any IP address.

You can use action URI feature to capture the phone's current screen. For more information, refer to [Capturing the Current Screen of the Phone](#) on page 532.