

Action URI Phone Action Variables

Action URI allows Sangoma phones to interact with web server application by receiving and handling an HTTP GET request. When receiving a GET request, the Sangoma Phone will perform the specified action and respond with a 200 OK message. If you want to dial a number you can use the format of:

```
http://admin:PASSWORD@IP_Address  
/Phone_ActionURL&Command=1&Number=4003&Account=1
```

Replace 4003 with your phone number you want to call.

A GET request may contain variable named as "key" and key value separated by "=". If you want to send a specific key press to the phone, use a URL of the format:

```
http://admin:PASSWORD@IP_Address/Phone_ActionURL&key=%key_value%
```

where the key value is taken from the following table (key values are case sensitive):

key Value	Sangoma Phone Action
OK	Press the OK key.
ENTER	Press the Enter soft key
SPEAKER	Press the Speaker key.
F_TRANSFER	Press the TRANSFER key or the Transfer soft key
VOLUME_UP	Increase the volume.
VOLUME_DOWN	Decrease the volume.
MUTE	Press the MUTE key
F_HOLD	Press the HOLD key or the Hold soft key.
X	Press the X key.
CANCEL	Return to a previous screen or cancel a call
0-9*/POUND	Send the DTMF digit (0-9, * or #).
L1-L45	Press the line key
D1-D10	Press a DSS Key
F_CONFERENCE	Press the Conference soft key.
F1-F4	Press the soft key.
MSG	Press the MESSAGE key.
HEADSET	Press the HEADSET key.
RD	Press the REDIALkey.
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.
--------	--------------------------

Examples:

Assume you have a phone at IP address 192.168.0.123, with default credentials of admin/222222. From a browser, you can trigger the phone to dial a *43 echo test:

```
http://admin:"222222"@192.168.0.123  
/Phone_ActionURL&Command=1&Number=*43&Account=1
```

To toggle the speaker button on the phone (same key toggles on or off):

```
http://admin:"222222"@192.168.0.123/Phone_ActionURL&key=SPEAKER
```

To manually toggle the speaker on, dial the *43 echo test, and then hang up, the load the following URLs in series:

```
http://admin:"222222"@192.168.0.123/Phone_ActionURL&key=SPEAKER  
http://admin:"222222"@192.168.0.123/Phone_ActionURL&key=*  
http://admin:"222222"@192.168.0.123/Phone_ActionURL&key=4  
http://admin:"222222"@192.168.0.123/Phone_ActionURL&key=3  
http://admin:"222222"@192.168.0.123/Phone_ActionURL&key=X
```

Simple PHP code example:

```
<?php  
$number="*43";  
$username="admin";  
$password="222222";  
$url = "192.168.0.123/Phone_ActionURL&Command=1&Number=" . $number . "  
&Account=1";  
$ch = curl_init();  
curl_setopt($ch, CURLOPT_URL, $url);  
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);  
curl_setopt($ch, CURLOPT_USERPWD, "$username:$password");  
curl_setopt($ch, CURLOPT_HTTPAUTH, CURLAUTH_BASIC);  
$output = curl_exec($ch);  
$info = curl_getinfo($ch);  
curl_close($ch);
```