

SIM HOSTING API VERSION 2.0

Developers can use the following APIs to connect to simhostng from their applications.

GET API KEY

<https://simhostng.com/api/apikey>

Post OR Get methods

Parameters:

username

password

WALLET BALANCE

<http://simhostng.com/api/bal>

Get or Post Parameters

apikey

SENDING SMS

<https://simhostng.com/api/sms>

Post Parameters:

apikey: API key

server: Server Id

sim: 1 2, 3, 4. Default is 1

number: Recipient Separate Multiple number with comma

message: Message: Text Message

ref: Unique Reference number (if empty the system will generate one for you)

url: Response Callback URL

JSON DATA RESPONSE

```
data": [  
  {  
    "ref": "45",  
    "response": "ok",  
    "Date": "05-04-2019, 6:54 pm"  
  },  
]
```

RESPONSE

OK = Success

Invalid Api key

Empty number

Empty Message

Inactive Server

SPC BULK SMS COMPONENTS

<https://simhostng.com/api/smsx?apikey=apikey&server=serverid&number=@@recipient@@&message=@@message@@>

Response

OK = Success

USSD POST

<https://simhostng.com/api/ussd>

Post Parameters:

apikey: API key

server: Server Id

sim: 1 , 2, 3, 4 Default is 1

number: ussd to dial *555#

ref: Unique Reference number (if empty the system will generate one for you)

url: Response Callback URL

JSON DATA RESPONSE

```
data": [
  {
    "ref": "45",
    "response": "Ok",
    "date": "05-04-2019, 6:54 pm"
  },

```

RESPONSE

OK = Success

Invalid Api key

Empty number

Empty apikey

Inactive Server

INBOX FORWARDING

We forward received sms to your script using your default **Inbox Push url** used during **server** setup

sim = The number that received the message (**to, recipient**)

keyword = Message keyword

sender = The number that sent the message (**from, phone**)

message = Text message

ref: Reference number

date = Date

Below is a simple php code to receive the sms reply from your sim or keyword.

<http://demo.com/recieve.php>

```
<?php
$keyword= $_POST['keyword'];
$server= $_POST['server'];
$sim= $_POST['sim'];
$sender= $_POST['sender'];
$message= $_POST['message'];
$ref = $_POST['ref'];
```

```
$date= $_POST['date'];
?>
```

RESPONSE PUSH / CALLBACK

Parameters:

response: Response from ussd or sms

ref: Your Reference

type: sms OR ussd

Below is a simple php code to receive the response from your sim after ussd or sms.

<http://demo.com/response.php>

```
<?php
$type= $_POST['type'];
$ref= $_POST['ref'];
$response= $_POST['response'];
?>
```

USSD REPORT

<https://simhostng.com/api/dusdd>

Parameters:

apikey: User api key

ref: Reference Id generated per post request

```
data": [
  {
    "ref": "45",
    "Server": "UXTMES",
    "Network": "9MOBILE",
    "Sim": "09080008483",
    "Number": "*232",
    "RESPONSE": "your main account balance is 456",
    "Date": "05-04-2019, 6:54 pm"
  },

```

SMS DELIVERY REPORT

<https://simhostng.com/api/dsms>

Parameters:

apikey: User Api key

ref: Reference Number

```
"data": [
  {
    "ref": "45",
    "Server": "UXTMES",
    "Network": "9MOBILE",
    "Sim": "09080008483",
    "Number": "131",
    "Message": "Hello thank You",
    "Response": "Sent",
    "Date": "04-03-2018, 6:29 pm"
  },

```

USSD OR SMS RESPONSE IN PLAIN TEXT

<http://simhostng.com/api/response>

Accept Get or Post:

Parameters

apikey

ref

type (SMS OR USSD)

Plain Link

<http://simhostng.com/api/response/apikey/uszd/ref>

E.g:

<https://simhostng.com/api/response/8sissksjssjshshs864ssls/uszd/45>

Response:

Your main account balance is 456

PHP SCRIPT TO SEND SMS

```
function cpost($url, $data) {
    $ch = curl_init($url);
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
    curl_setopt($ch, CURLOPT_POSTFIELDS, $data);
    $response = curl_exec($ch);
    curl_close($ch);
}

$values = [
    'apikey' => '8dfgdddddddddddddd',
    'server' => 'HSMDSNSDND',
    'sim' => '1',
    'message' => 'Hello Dear, I want to know',
    'ref' => '137283727373',
    'number' => '09080008483',
    'url' => 'https://myservr.com/callback',
];

$sendsms = post('https://simhostng.com/api/sms', $values);
```

PHP SCRIPT TO PROCESS USSD SMS

```
function cpost($url, $data) {
    $ch = curl_init($url);
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
    curl_setopt($ch, CURLOPT_POSTFIELDS, $data);
    $response = curl_exec($ch);
    curl_close($ch);
}

$values = [
    'apikey' => '8dfgdddddddddddddd',
    'server' => 'HSMDSNSDND',
    'sim' => '1',
    'number' => '*556#',
    'ref' => '137283727373',
    'url' => 'https://myservr.com/callback',
];

$runuszd = post('https://simhostng.com/api/uszd', $values);
```

THANK YOU

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www.simhostng.com

