# Functions and parameters
# for
# Business SMS API-v-0.8

Change Log:

| Version | Date | Description |
|---------|------|-------------|
| 0.1 | 25-01-2009 | HTTP API For sending SMS |
| 0.2 | 02-07-2009 | HTTP API For sending SMS |
| 0.3 | 16-02-2010 | XML Response with sent message ID |
| 0.8 | 24-01-2019 | • Send messages on multiple numbers with comma separated. <br> • http protocol change into https |
| | | |
| | | |

## 1 Submitting Request for B-SMS API-v-0.3

## 1.1 API description:

To request for on, the Service Provider's web server should make an Http request to B-SMS API's server in the following way:

https://<host>/bsms_v8_api_/sendapi-0.3.jsp?id=<msisdn>&message=<message>&shortcode=<short+code>&lang=<language>&mobilenum=<mobile+number>&password=<password>&messagetype=<Nontransactional>

Example Below:

https://bsms.ufone.com/bsms_v8_api/sendapi-0.3.jsp?id=03331234567&message=test&shortcode=B-SMS&lang=English&mobilenum=92**********,92********&password=******&groupname=&messagetype=Nontransactional

| Parameters | Value | Description |
|---|---|---|
| **id** | 03331234567 | A valid account ID for the customer |
| **message** | Hello | Text message to be sent |
| **shortcode** | B-SMS | SMS masking for the customer |
| **lang** | English | Language is English. Not Case sensitive |
| **mobilenum** | 923331234567 | Any valid number to whom you want to send message starting with 92 and characters length 12. |
| **password** | Test123 | A valid password to request API. |
| **groupname** | Administrator | Any valid group name to whom you want to send message (optional). |
| **Message Type** | Transactional/ nontransactional | Message can be use like, transactional/ nontransactional |
| **Multiple Number** | 923331234567,923******* | Ten numbers are allowed/number must be in common separated |

## 1.2 Transaction description:

When submitting a request to B-SMS API's server, the SP's web server will receive back the following XML response (for example):

```
<response>
<script type="text/javascript" charset="utf-8" id="zm-extension"/>
<response_id>0</response_id>
<response_text>Successful:12</response_text>
</response>
```

- <response_id></response_id> will have following expected values

| Values |
|---|

| 0 | Text message successfully sent. |
|---|---|
| 1 | Text message could not sent successfully. |

- <response_text></response_text> will have following expected values
  - o Successful: id
  - o Incomplete Parameters

  - o API Disabled
  - o Account Expired
  - o No Credit in Account
  - o Invalid Account ID
  - o Invalid Mobile No
  - o Invalid Sender IP
  - o Invalid Short code
  - o Invalid API Password
  - o Invalid Operator
  - o Special Characters in Message
  - o Unsuccessful
  - o Numbers of MSISDN Exceeded

| Parameters | |
|---|---|
| **Successful: id** | Text message successfully sent and id is sms id. |
| **Incomplete Parameters** | One of the required parameters is missing. |
| **API Disabled** | API is disabled for this customer. |
| **Account Expired** | Customer account has expired. |
| **No Credit in Account** | No credit in account for the customer |
| **Invalid Account ID** | Invalid account ID for the customer. |
| **Invalid Mobile No** | Invalid recipient mobile number. |
| **Invalid Sender IP** | Invalid IP address of the customer. |
| **Invalid Short code** | Invalid SMS masking for the customer. |
| **Invalid API Password** | Invalid API password for the customer. |
| **Special Characters in Message** | Message contains special characters (`,#,&). |
| **Unsuccessful** | An unexpected error has occurred. |
| **Numbers of MSISDN Exceeded** | Ten numbers are allowed for Messages |