

SMS API MODULE -user V.3.2

Integrate your business through SMS solution

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I. Send SMS

I.1. Send an SMS

Purpose : To send sms by sending encrypted passwords and Client trxID to avoid duplicate sms

Syntax:

```
http://<server_name>:8080/web2sms/api/sendSMS.aspx?username=xxx&mobile=xxx&message=xxx&auth=xxxx&trxid=xxxx&type=x
```

Example:

```
http://<server_name>:8080/web2sms/api/sendSMS.aspx?username=sms&mobile=08126531971&message=Hallo+world&auth=cd377b32c5745f89a53f6970d2f49969&trxid=sms000000001&type=0
```

| Parameter | Description |
|-----------|---|
| Username | Username provided to user to connect to our service |
| Mobile | Destination mobile number , Indonesian (08xxxxx) or international (628xxxx) format. |
| Message | Text Message (encoded, max 5000 chars) |
| Auth | Authentication with formula : MD5(username+password+Mobile) |
| trxID | Client TrxID, used to avoid duplicate sms (Optional, max 50 char, type string) |
| type | 0 (or missing) ascii text message (normal message) 3 Unicode message (Arabic, Japan, Chinese, etc) |

Note :

1. For the account type of numeric sender id (sms standard), unicode supported by all operators. Alpha sender account, unicode is not supported by Telkomsel and XL.
2. When the type of message is Unicode (3), then the message must be in hexadecimal format.
For Example : こんにちはは世界
Hexadecimal : **30533093306B3061306F4E16754C**

I.2. Simple Way to Send an SMS

Purpose : The simple way to send an SMS

Syntax:

```
http://<server_name>:8080/web2sms/api/Send.aspx?username=xxx&mobile=xxx&message=xxx&password=xxxx
```

Example:

```
http://<server_name>:8080/web2sms/api/send.aspx?username=sms&mobile=08126531971&message=Hallo+World&password=123456
```

| Parameter | Description |
|-----------|---|
| Username | Username provided to user to connect to our service |
| Mobile | Destination mobile number |
| Message | Text Message (encoded, max 5000 chars) |
| Password | Your Login Password |

I.3. Send SMS by Group

Purpose : To Send SMS to a Group

Syntax:

```
http://<server_name>:8080/web2sms/api/SendSMSGroup.aspx?group=xx&msg=xx&username=xx&auth=xx
```

Example:

```
http://<server_name>:8080/web2sms/api/SendSMSGroup.aspx?group=Marketing&msg>Hello+world&username=sman1&auth=ffb09fcbd7b381d0ff6ae1609111d437
```

| Parameter | Description |
|------------------|---|
| Group | Group name (encoded) |
| Msg | Text Message (encoded, max 160 chars) |
| Username | Username provided to user to connect to our service |
| Auth | Authentication with formula : MD5(username+password) |

II. PHONE BOOK

II.1. Add Phone Book

Purpose : Add new contact to phone book :

Syntax:

```
http://<server_name>:8080/web2sms/api/phbkAdd.aspx?username=xxx  
&name=xxx&mobile=xxx&group=xxx&address=xxx&birth=xxx&desc=xxx&auth=xxxx
```

Example :

```
http://<server_name>:8080/web2sms/api/phbkAdd.aspx?username=sms&name=Rudi  
&mobile=08123456&group=Office&address=Jl. Bali&birth=19450817&desc=Direktur  
Utama&auth=cd377b32c5745f89a53f6970d2f49969
```

| Parameter | Description |
|-----------|---|
| Username | Username provided to user to connect to our service |
| Name | Contact Name |
| Mobile | Contact mobile number |
| Group | Contact Group Member |
| Address | Contact Address |
| Birth | Contact Birthday (YYYYMMDD) |
| Desc | Contact Description |
| Auth | MD5(Mobile+Password) |

Note : Address, Birth and Desc are optional

II.2. Edit Phone Book

Purpose : Edit existing Contact.

Syntax:

```
http://<server_name>:8080/web2sms/api/phbkEdit.aspx?id=xxx&username=xxx  
&name=xxx&mobile=xxx&group=xxx&address=xxx&birth=xxx&desc=xxx&auth=xxxx
```

example :

```
http://<server_name>:8080/web2sms/api/phbkEdit.aspx?id=372880&username=sms&name=Yuli&  
mobile=06177123454&group=Bos&address=Jl. Pati 3&birth=17 aug 2010&desc=senang main  
golf&auth=3097dc123edc537e80b01b4abf1b20ef
```

| Parameter | Description |
|-----------|---|
| Id | Contact ID Number |
| Username | Username provided to user to connect to our service |
| Name | Contact Name |
| Mobile | Contact mobile number |
| Group | Contact Group Member |
| Address | Contact Address |
| Birth | Contact Birthday (dd mmm yyyy) |
| Desc | Contact Description |
| Auth | MD5(id+password) |

II.3. Delete Phone Book

Purpose : Delete existing contact

```
http://<server_name>:8080/web2sms/api/phbkDelete.aspx?id=xxx&username=xxx&auth=xxxx
```

| Parameter | Description |
|-----------|---|
| Id | Contact ID Number |
| Username | Username provided to user to connect to our service |
| Auth | MD5(id+password) |

II.4. Get Contact List

Purpose : To get contact list

```
http://<server_name>:8080/web2sms/api/phbkGetList.aspx?username=xxx&page=xx&size=xx&auth=xxxx
```

example :

```
http://<server_name>:8080/web2sms/api/phbkGetList.aspx?page=6&size=10&username=sms&auth=ffb09fcbd7b381d0ff6ae1609111d437
```

| Parameter | Description |
|-----------|---|
| Username | Username provided to user to connect to our service |
| page | Page Number (default=1) |
| size | number of records per page (default=10) |
| Auth | MD5(Username+password) |

II.5. Get Contact List by Group

Purpose : To get Contact list by Group Name

```
http://<server_name>:8080/web2sms/api/phbkGetListbyGroup.aspx?username=xxx&page=xx&size=xx &group=xxx&auth=xxxx
```

| Parameter | Description |
|-----------|---|
| Username | Username provided to user to connect to our service |
| page | Page Number (default=1) |
| size | number of records per page (default=10) |
| group | Group Name |
| Auth | MD5(Username+password) |

II.6. Get Complete Data

Purpose : To retrieve contact detail

```
http://<server_name>:8080/web2sms/api/phbkGetCompleteData.aspx? ID=xx&username=xxx&auth=xxxx
```

example :

```
http://<server_name>:8080/web2sms/api/phbkGetCompleteData.aspx?
id=6928&username=sms&auth=ffb09fcbd7b381d0ff6ae1609111d437
```

| Parameter | Description |
|-----------|---|
| id | Contact ID |
| Username | Username provided to user to connect to our service |
| Auth | MD5(Username+password) |

II.6. Find Name

Purpose : To search contact by name

```
http://<server_name>:8080/web2sms/api/phbkFindName.aspx?name=xx&username=xx&auth=xx
```

example :

```
http://<server_name>:8080/web2sms/api/
phbkFindName.aspx?name=sar&username=smsoke&auth=ffb09fcbd7b381d0ff6ae1609111d437
```

| Parameter | Description |
|-----------|---|
| name | Name to search |
| Username | Username provided to user to connect to our service |
| Auth | MD5(Username+password) |

II.7. Find Phone Number

Purpose : To search contact by Phone Number

```
http://<server_name>:8080/web2sms/api/phbkFindPhNumber.aspx?no
=xx&username=xx&auth=xx
```

example :

```
http://<server_name>:8080/web2sms/api/
phbkFindPhNumber.aspx?no=0812653&username=smsoke&auth=ffb09fcbd7b381d0ff6ae1609111d43
7
```

| Parameter | Description |
|-----------|---|
| name | Name to search |
| Username | Username provided to user to connect to our service |
| Auth | MD5(Username+password) |

III. Group

III.1. Add Group

Purpose : Add a new Group Name

Syntax

```
http://<server_name>:8080/web2sms/api/groupAdd.aspx?group=xx&username=xx&auth=xxx
```

example :

```
http://<server_name>:8080/web2sms/api/groupAdd.aspx?group=Calon  
Client&username=sms&auth=b25a52012483379060de8618dd9d7378
```

| Parameter | Description |
|-----------|---|
| group | Group Name |
| Username | Username provided to user to connect to our service |
| Auth | MD5(group+password) |

III.2. Edit Group

Purpose : Edit an existing Group

Syntax

```
http://<server_name>:8080/web2sms/api/groupEdit.aspx?id=xx&group=xx&username=xx&auth=xxx
```

example :

```
http://<server_name>:8080/web2sms/api/groupEdit.aspx?id=849&group=Teman&username=sms&  
auth=e470afc416e70a44bb4e194685777255
```

| Parameter | Description |
|-----------|---|
| Id | Group ID |
| group | Group Name |
| Username | Username provided to user to connect to our service |
| Auth | MD5(id+password) |

III.3. Delete Group

Purpose : Delete an existing Group

Syntax

```
http://<server_name>:8080/web2sms/api/groupDelete.aspx?id=xx&username=xx&auth=xx
```

example :

```
http://<server_name>:8080/web2sms/api/groupDelete.aspx?id=849&username=sms&auth=e470a  
fc416e70a44bb4e194685777255
```

| Parameter | Description |
|-----------|---|
| Id | Group ID |
| Username | Username provided to user to connect to our service |
| Auth | MD5(id+password) |

III.4. Get List of Group

Purpose : Retrieve list of existing Group

Syntax

```
http://<server_name>:8080/web2sms/api/groupGetList.aspx?page=xx&size=xx&username=xx&auth=xx
```

example :

```
http://<server_name>:8080/web2sms/api/groupGetList.aspx?page=1&size=5&username=sms&auth=ffb09fcbd7b381d0ff6ae1609111d437
```

| Parameter | Description |
|-----------|---|
| page | Page number |
| size | Number of record per page |
| Username | Username provided to user to connect to our service |
| Auth | MD5(username+password) |

III.5. Find Group

Purpose : Find a Group

Syntax

```
http://<server_name>:8080/web2sms/api/groupFind.aspx?group=xx&username=xx&auth=xx
```

example :

```
http://<server_name>:8080/web2sms/api/groupFind.aspx?group=pul&username=sms&auth=ffb09fcbd7b381d0ff6ae1609111d437
```

| Parameter | Description |
|-----------|---|
| group | Group Name |
| Username | Username provided to user to connect to our service |
| Auth | MD5(username+password) |

IV. User Account

IV.1. Change Password

Purpose : To change password

```
http://<server_name>:8080/web2sms/api/ChangePassword.aspx?username=xxx&newpassw  
=xx&auth=xxx
```

| Parameter | Description |
|-----------|---|
| Username | Username provided to user to connect to our service |
| newpass | New Password |
| Auth | MD5(username+oldpassword) |

V. Report

V.1. Query Status

Purpose : To get delivery status

```
http://<server_name>:8080/web2sms/api/Report.aspx?msgid=xxx
```

| Parameter | Description |
|-----------|-------------|
| msgid | Msg ID |

V.2. Delivery Report

For users who require Delivery Report on their URL they need to provide the URL in the form as below

```
http://<hostname>:port/dlr.php?msgid=%id&status=%s
```

Here

<host-name> means the IP or the domain name

<Port> means the Port number if given

%id means the msgid. %id will be replaced by the msgid.

%s means the status of the message. %s will be replaced by DELIVRD, UNDELIVRD, REJECTED or EXPIRED.

DLR URL will be using the get method to call the URL provided

VI. Return Code

HTTP Return Code:

| Return Code | Description |
|-------------|---|
| 1701 | Success |
| 1702 | Invalid Username or Password |
| 1703 | Internal Server Error |
| 1704 | Data not found |
| 1705 | Process Failed |
| 1706 | Invalid Message |
| 1707 | Invalid Number |
| 1708 | Insufficient Credit |
| 1709 | Group Empty |
| 1711 | Invalid Group Name |
| 1712 | Invalid Group ID |
| 1713 | Invalid msgid |
| 1721 | Invalid Phonebook Name |
| 1722 | Invalid Phonebook ID |
| 1731 | User Name already exist |
| 1732 | Sender ID not valid |
| 1733 | Internal Error – please contact administrator |
| 1734 | Invalid client user name |
| 1735 | Invalid Credit Value |

Notes:

1. For searching, only return the first 10 rows
2. Each field delimited with Char(128), and records delimited with char(129).

VI. Example with PHP

```
<?
function getURL($url) {
$curlHandle = curl_init(); // init curl
curl_setopt($curlHandle, CURLOPT_URL, $url); // set the url to fetch
curl_setopt($curlHandle, CURLOPT_HEADER, 0);
curl_setopt($curlHandle, CURLOPT_RETURNTRANSFER, 1);
curl_setopt($curlHandle, CURLOPT_TIMEOUT, 30);
curl_setopt($curlHandle, CURLOPT_POST, 0);
$content = curl_exec($curlHandle);

if(!$content){
    return 'Curl error: ' . curl_error($curlHandle);
}
Else {
    return $content;
}

curl_close($curlHandle);
}

//Your Data Here

$mobile="62812xxxxxx";
$msg="Hallo World!";

$user="your user id";
$password="your password";

$auth=MD5($user.$password.$ mobile);
$msg=urlencode($msg);

$myurl="http://smpp.pusat-
sms.com:8080/web2sms/api/SendSMS.aspx?username=".$user."&mobile=".$mobile."&m
essage=".$msg."&auth=".$auth;
$grab = getURL($myurl);
echo $grab;

?>
```

Change log:

2013-05-15, v3.2

* SendSMS.aspx, support for long sms (up to 5000 chars) and unicode (Arabic, Japanese, Chinese, etc) sms

* Send.aspx, support long sms (up to 5000 chars)

2011-03-22, v3.1

* sendSMS.aspx, parameters trxID added.

* Send.aspx, new api, simple way to send SMS

* Status Report