



# HTTP API DOCUMENTATION

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SMS HOSTING



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## **1.0) Introduction**

This guide will bring you through the process of sending messages by simply submitting either a GET or a POST request to the API.

However we do recommend users to use the POST method for submitting their requests due to the size limitation of GET as well as the HTTP request being exposed in the HTTP address bar.

This document will cover the following areas of connectivity to the API:

- Sending normal text messages
- Sending UNICODE (UCS2) messages (Multi lingual)
- Sending UDH header messages (8 bit messages, EMS)
- Error Codes



**2.0) Sending Normal Text Messages**

7 input fields required:

No.	Parameter Name	Description
1	user	Username of the user/client
2	pass	The password for authentication
3	to	The recipient's mobile number (start with the country code in front of the number without the + sign. E.g. 60121234567)
4	from	The source name or sender's number. Supports alphanumeric and numeric character.  Up to 16 characters for numeric CLI. You don't have to add the + sign.  Not more than 11 characters for alphanumeric CLI.
5	text	The content of the message
6	type = 0	Represents that "text" is in URLencoded ASCII/alphabets.
7	link	'0' – set CLI (source name or sender's number) '1' – CLI is set to 32300. Applicable to Malaysian telco only.

Example of URL:

<http://202.9.104.108/bulksms/corpgen.aspx?user=user&pass=password&to=60121234567&from=freenet&text=this+is+a+test+msg&type=0&link=0&servid=ccFREF001>

\*Note: Maximum number of characters is 160 and any extra character will be truncated.



**3.0) Sending UNICODE (UCS2) Messages (Multilingual)**

7 input fields required:

No.	Parameter Name	Description
1	user	Username of the user/client
2	pass	The password for authentication
3	to	The recipient's mobile number (start with the country code in front of the number without the + sign. E.g. 60121234567)
4	from	The source name or sender's number. Supports alphanumeric and numeric character.  Up to 16 characters for numeric CLI. You don't have to add the + sign.  Not more than 11 characters for alphanumeric CLI.
5	text	The content of the message
6	type = 5	Represents that text is UCS formatted.
7	link	'0' – set CLI (source name or sender's number) '1' – CLI is set to 32300. Applicable to Malaysian telco only.

Example of URL:

<http://202.9.104.108/bulksms/corpgen.aspx?user=user&pass=password&to=60121234567&from=freenet&text=4e00&type=5&link=0&servid=ccFREE001>

\*Note: Maximum number of Unicode characters in one message is 70.

\*\* To know more on Unicode, please refer to [www.unicode.org](http://www.unicode.org).



#### **4.0) Sending UDH Header Messages (8bit)**

8 input fields required:

<b>No.</b>	<b>Parameter Name</b>	<b>Description</b>
1	user	Username of the user/client
2	pass	The password for authentication
3	to	The recipient's mobile number (start with the country code in front of the number without the + sign. E.g. 60121234567)
4	from	The source name or sender's number. Supports alphanumeric and numeric character.  Up to 16 characters for numeric CLI. You don't have to add the + sign.  Not more than 11 characters for alphanumeric CLI.
5	text	This field is for the input of UDH statement in hexbin format
6	type=6	Represents that "text" is UDH formatted.
7	link	'0' – set CLI (source name or sender's number) '1' – CLI is set to 32300. Applicable to Malaysian telco only.

Example of URL:

operator logo

<http://202.9.104.108/bulksms/corpgen.aspx?user=user&pass=password&to=60121234567&from=freenet&text=0605041582158205F26100480E01014809B0001DFF780000A816CC000300F00001E00040003A00200000000040001000F00000C0040001001F00000200940001921100000100940001920100000600B40001000F000008000A00013F0DC000081C0A0005409F8000071472000B7F83C00000940200043F00C000004C14001F000380000027E800078E0F800&type=6&link=0&servid=ccFREE001>

\*Note: For security reasons, user may choose to lock the IP. Please use the following IP address:

202.9.104.105



**5.0) Error Codes**

A code will be return to acknowledge whether a particular request has been submitted correctly. Below is a list of codes with their corresponding description:

<b>RESPONSE</b>	<b>DESCRIPTION</b>
200	Message sent to queue successfully.
400	Missing param or invalid type field.
401	Invalid user/pass.
402	Insufficient credit.
CCRF	Check credit function failed.
UPDF	Update credit function failed.
DBERR	Insert log failed.
MQLF	Get message link failed.