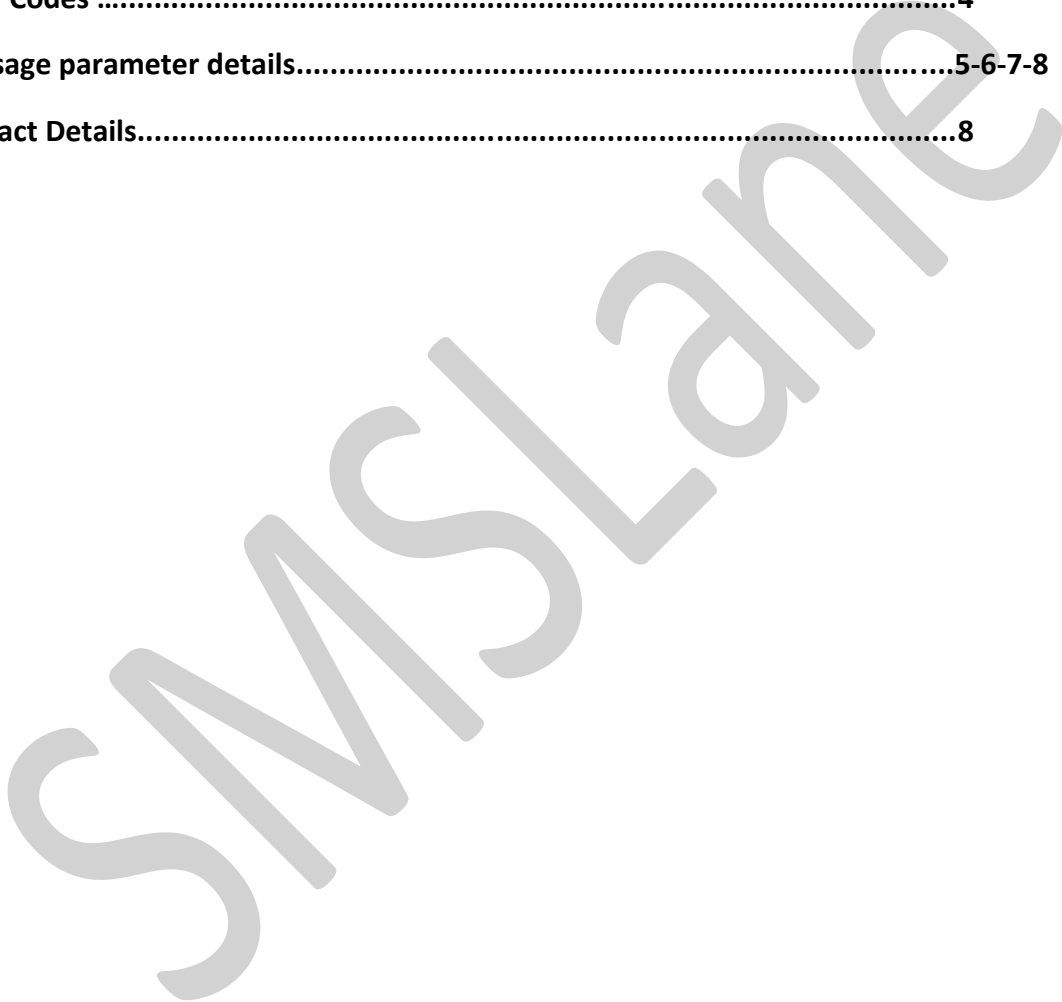


HTTP API for Message Forwarding

(SMS Lane Gateway Version 1.1)

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Overview

This document is intended for users, who wish to develop applications using the SMSLane SMS Gateway for sending SMS messages. The gateway can be accessed using the HTTP protocol by submitting values by means of the GET method to the API Server.

Introduction

The SMSLane Gateway can be accessed in various ways:

- Using HTTP Protocol API and submitting values by the GET method
- Using SMSLane Web Interface

NOTE: Accessing gateway through HTTP protocol is one of the best & the fastest ways to deliver SMS messages.

The SMSLane gateway HTTP API can be used to send various types of SMS messages including simple text messages, Unicode message, flash message etc. This document gives a detailed explanation of how to use the gateway through the HTTP protocol.

Messaging

For sending any type of SMS message, the gateway requires to be sent various parameters including username & password for authentication purposes. All the parameters need to be sent via HTTP protocol using the GET method. The number of parameters required depends upon the type of SMS message. SMSLane has developed a Gateway URL for submitting more than one number at a single hit for faster delivery. You can submit a maximum of 100 Mobile numbers in one hit.

Single Message

<http://world.smslane.com/vendorsms/GlobalPush.aspx?user=abc&password=xyz&msisdn=919898123456&sid=WebSMS&msg=Test message from SMSLane&fl=0>

Multiple Messages

<http://world.smslane.com/vendorsms/GlobalPush.aspx?user=abc&password=xyz&msisdn=919898123456,919898001234&sid=WebSMS&msg=Test message from SMSLane&fl=0>

The following are the parameters used:

Specification	Parameters	Description
AUTHENTICATION	<code>user</code>	Client username for GlobalSMS system login.
	<code>password</code>	Client password for GlobalSMS system login.
RECIPIENTS	<code>msisdn</code>	Message destination address, must be in international format without leading „0“or „+“. Example: 41793026727
	<code>sid</code>	Dynamic message sender ID.
Message	<code>msg</code>	Message text (459 characters)
	<code>fl</code>	Flash message - displays directly on handset screen. Optional parameter: default value = false 0 – false 1 – true
	<code>binary</code>	Optional parameter: Binary parameter required to be set 1 for Unicode message only. e.g binary=1
	<code>type</code>	Optional parameter: To send concatenated SMS: value has to be set to “longSMS” e.g. type=LongSMS

Response:

Single Message

Recipient's Mobile number, the date stamp and a unique ID.

The Message Id : 919898123456-200612295008123

Multiple Message

The Message Id : 919898123456-200612295008123|919898001234-200612295008924

Error Message

The following are the error messages returned by the globalsms.com gateway in case of Invalid parameters provided.

Failed#Parameter Missing

Failed#Message length exceeds 459 or 201(Depends on message type)

Failed#Invalid Username or Password

Failed#Unauthorised Request or Invalid IP

Failed#Number count exceeds 100

Failed#Insufficient balance to send sms

Error#Invalid SenderId

Failed#Type parameter for Long SMS missing

Note: Only the above-defined validations are performed at the server side. All other validations for any parameter are required to be handled at the client side explicitly.

Message parameter details

Username (user)

The username value is passed for authentication purposes. The username is provided to the client when he registers for the HTTP API option from Globalsms.com. The username (**usr**) parameter cannot be more than 20 characters long and can only contain alphabets and numbers, with no spaces or special characters.

Password (password)

The password parameter value is also passed in combination with the username for authentication purposes. The password is provided to the client along with the username when he registers with Globalsms.com for sending SMS messages through the Gateway. The password (**pass**) parameter cannot have more than 20 characters and can contain only alphabets and numbers, with no spaces or special characters.

Mobile Number (msisdn)

The mobile number parameter refers to the destination mobile number to which the message is to be sent. However, the mobile number is required to be in a specific format. Any error in this parameter value would lead to non-delivery of the message. The mobile number should contain only numbers. It must also include the country code at the start beginning. It **should not** contain any symbols (+) or 00 etc. and it must be a valid mobile number supported by the global.com Gateway (Most Of All World Cellular Operators).

Message (msg)

The message parameter refers to the actual message that is to be sent to the destination mobile (**msisdn**). The behavior of the message parameter differs depending on the type of message being sent. The message parameter may consist of up to 160 characters belonging to the following set:

- **A Z a...z 0...9**
- **Blank space**
- **The meta characters \ (line feed)**

For simple text messages, the message can contain numbers, alphabets, spaces and certain special characters. However, the message can contain a maximum of 160 characters, including spaces.

Sender Id (sid)

The sender Id parameter refers to the message dispatcher or from clause (THE SENDER), from whom the message is sent. The sender Id can either be a valid international number up to sixteen characters long or an eleven character alphanumeric string. The sender Id is an optional clause. In case the sender Id is not specified, the SMSC number is sent as the sender Id to the destination mobile

Sender Id in case of text messaging can only be made up of alphabets & digits. It cannot contain any special characters such as (-,+) etc.

Flash Message (fl)

Flash message parameter indicates whether the message will be a flashed on the destination mobile (**msisdn**). It can contain only the values (0 or 1). Default value for this parameter is 0. When the flash parameter is sent as 1 (fl=1), the SMS message is flashed on the destination mobile.

Value Description

0 Don't flash message.

1 Flash message on destination mobile screen.

Example for GlobalCheckDelivery:

<http://world.smslane.com/vendorsms/GlobalCheckDelivery.aspx?user=xxx&password=xxxx&messageid=91989812345-94D534s738df635>

Parameters specifications for GlobalCheckDelivery.aspx

Specification	Parameters	Description
AUTHENTICATION	<code>user</code>	Client username for GlobalSMS system login.
	<code>password</code>	Client password for GlobalSMS system login.
Delivery Report	<code>messageid</code>	Client's message ID

Error Message

The following are the error messages returned by the globalsms.com gateway in case of Invalid parameters provided.

Failed#Parameter Missing

Failed#Invalid UserName or Password

NO_DATA_FOUND

Example for GlobalCheckBalance:

<http://world.smslane.com/vendorsms/GlobalCheckBalance.aspx?user=xxx&password=xxxx>

Specification	Parameters	Description
AUTHENTICATION	<code>user</code>	Client username for GlobalSMS system login.
	<code>password</code>	Client password for GlobalSMS system login.

Error Message

The following are the error messages returned by the globalsms.com gateway in case of Invalid parameters provided.

Failed#Parameter Missing

Failed#Invalid UserName or Password

Contact Details:-

Email: - For General Information Contact <mailto:support@smslane.com>

For Sales Inquiry Contact <mailto:sales@smslane.com>