



HTTP API GUIDE V2.0.0

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Overview

This technical document is intended for developers who wish to use the Resalty.net HTTP API for sending messages, and describes the various programming methods and commands used by developers when using this API.

The HTTP API is the most popular API, because there are many ways to utilize it for message sending and it can be used for low or high-volume messaging. As HTTP is a means for relaying information, the HTTP API can be used with practically any web-service application. This is particularly useful for high-volume message sending.

To use this API, you need to register at: www.resalty.net. You will be given a username, password. Once you have registered and been activated you will receive 10 free credits with which to test our service. You can test the API using these credits, and purchase credits to start sending your own, customized messages.

We will cover the **HTTP** method in this document. Additional documentation is available for the other methods. Sample code is provided on the site.

Introduction

This is one of the simpler server-based forms of communication to our gateway. It can be used either in the form of a HTTP POST, or as a URL (GET). We recommend POST for larger data transfer, due to the size limitations of GET. Communication to our API can be done either via HTTP on port 80 or HTTPS on port 443. All calls to the API must be URL-encoded. The parameter names are case-sensitive. Batch messaging is catered for in a variety of ways.

Note: It is important that the ENTIRE document is read before contacting support. Parameters are case-sensitive. All examples shown use HTTP GET.

Getting Started

In order to use the Resalty.net gateway you need a Resalty.net account. Here's how:

1. Register for a Resalty.net Account

If you do not already have a Resalty.net account, you need to register for one as per below. If you have a Resalty.net account, proceed to Basic Command Section.

- Go to <http://www.resalty.net/r>.
- Enter your personal information to complete the registration form
- Click **Register** - an email containing an activation link will be sent to the email address you have provided and SMS with activation code will be sent to your handset.
- Login to your account, Enter the activation code into activation page and click "activate".
- When your mobile number is verified, you will be able to purchase credits and send messages.

Basic Command

In order to send a message, the system will firstly need to authenticate you as a valid user.

All other commands are then made up of three segments: authentication, the basic message components (message content and recipients) and the additional message parameters. In the examples below, we will include the authentication and basic message components. The additional message parameters will be included only where they are relevant.

Basic Command Structure:

<http://www.resalty.net/api/sendSMS.php?userid=xxx&password=xxx&to=xxx&msg=xxx&sender=xx&encoding=utf-8>

Authentication

In order to deliver a message, the system needs to authenticate the request as coming from a valid source. We use a number of parameters to achieve this:

userid: This is the username of your account.

password: The current password you have set on your account.

sender: This can be one of your already approved sender names.

Above parameters are required every time you are using one of our commands.

Send a message

One can send to multiple destination addresses by delimiting the addresses with commas. The basic parameters required are "to" (the handset number to which the message is being sent), "msg" (the content of the message), "sender" (the name/number that will appear on the handset to which the message is being sent).

In the examples displayed in this document we will only refer to these basic parameters. Other parameters may be used to enable different features. These are discussed in the following section.

Each message returns a unique identifier in the form of a Message ID. This can be used to track and monitor any given message. The Message ID (MessageID) is returned after each post.

Command

<http://www.resalty.net/api/sendSMS.php?userid=xxxx&password=xxxx&sender=xxxx&to=xxxx&msg=xxxx>

Successful Response

Error : 0 MessageID : xxx

Failed Response

Error <error number>: <error description>

Query a message

This command returns the status of a message. You can query the status with either the **MessageID**. The Message ID (**MessageID**) is the message ID returned by the Gateway when a message has been successfully submitted. You also need to authenticate with **userid** and **password**.

See Appendix B for status codes.

Command:

<http://www.resalty.net/api/msgQuery.php?userid=xxxx&password=xxxx&msgid=XXXX>

Successful Response:

Status <status number>: < status description>

Failed Response:

Error: <error description>

Note: Message status reports can be viewed online within your Resalty.net account. These reports can also be exported in PDF or Excel or TXT format.

Query balance

This will return the number of points available on your account.

Command:

<http://www.resalty.net/api/getBalance.php?userid=xxxx&password=xxxx>

Successful Response:

<points>

Failed Response:

Error: <error description>

Commands Parameters

There are a variety of messaging and SMS features supported by the gateway, which can be activated by including a number of additional parameters. These parameters include those in the table below. Parameters are case-sensitive.

Parameter Name	Parameter Value	Description	Restricted Values
Userid	Numeric/alphanumeric	Resalty.net username	
password	Numeric/alphanumeric	Resalty.net password	
Sender	Numeric/alphanumeric	The sender name that the message will appear to come from. These must be registered within your online account and approved by us before they may be used.	
To	Numeric	Mobile number to which the message must be delivered. The number should be in international number format. you can use comma (,) to send to several Mobile numbers	No "00" prefix or leading "+" symbol should be used.
Msg	Numeric/alphanumeric	The text content of the message. Note that some characters take up two characters because of GSM encoding standards.	
encoding	Fixed value (utf-8)	The language used in message. Setting this value is mandatory for sending Arabic Text and other Unicode content, otherwise for English content do not set this parameter while sending.	

Commands Responses

The following list of responses is generated by Resalty.net gateway during a validation phase before we accept the message. These responses are sent back to your application. There will be no message charge if failed responses are generated when sending a message. Data regarding messages that do not pass initial validation will not be included in your Resalty.net online reports.

Successful Response

Send Message

Error number	Response Message
0	Message ID

Query a Message

Status number	status Message
01	The message is on the send queue
02	The message has been failed
03	The message has been rejected
04	The message has been stopped
05	The message has been sent successfully

Query Balance

number
xx.xx

Failed Response

Send Message

Error number	Error Message
01	General Wrong API calling
02	Wrong API parameter(s) for [send]
03	Username or password is incorrect or you don't have the permission to use this service
04	Sender name must not exceed 11 characters or 16 numbers
05	The receiver number must consist of numbers only without + or leading zeros
06	Sender name must be in English letters only
07	You cannot send to this amount at the same time, please divide this messaging to many groups
08	It is not allowed to use sender name you have entered, please choose another one
09	The message content you want to send is not allowed... If you think this is error, please contact technical support
10	You have not enough balance to send this message

Query a Message

Error number	Error Message	Error Description
12	Wrong API parameter(s) for [query]	Wrong parameter
13	Wrong API parameter in msgid for [query]	Wrong Message ID

Query Balance

Error number	Error Message	Error Description
10	Wrong API parameter(s) for [balance]	Wrong parameter
11	Wrong API authentication for [balance]	Wrong password or username

Examples

Here are some example URLs that demonstrate how to use the API. All values in these examples should be replaced by your own values.

Below examples will use below example Resalty.net account information:

Username: resalty password: resalty

Sending Message Command

Sending Single English SMS

<http://www.resalty.net/api/sendSMS.php?userid=resalty&password=resalty&to=201220345678&msg=Welcome To Resalty&sender=Resalty>

Sending Single Arabic SMS

<http://www.resalty.net/api/sendSMS.php?userid=resalty&password=resalty&to=201220345678&msg=ضرباً ل قمدخ لضرباً أو دع م&sender=Resalty&encoding=utf-8>

Sending Bulk English SMS

<http://www.resalty.net/api/sendSMS.php?userid=resalty&password=resalty&to=201234567890,201234567890,201234567890,201234567890,201234567890&msg=Welcome To Resalty&sender=Resalty>

Sending Bulk Arabic SMS

<http://www.resalty.net/api/sendSMS.php?userid=resalty&password=resalty& to=201234567890,201234567890,201234567890,201234567890,201234567890&msg=ضرباً ل قمدخ أو لضف دع م&sender=Resalty&encoding=utf-8>

Query a Message Command

<http://www.resalty.net/api/msgQuery.php?userid=resalty&password=resalty&msgid=6f5c8d0cd04cf0a104261172ad6 b0c01>

Query Balance Command

<http://www.resalty.net/api/getBalance.php?userid=resalty&password=resalty>

Get in touch..

Website

<http://www.resalty.net>

For Technical Support:

E-mail: support@resalty.net