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Getting started

Introduction

###### *This page will help you get started with SMS API. You’ll be up and running in a jiffy!*

**Welcome to SMS API documentation!**

This document will provide instructions on how to quickly integrate SMS messaging services into various solutions by using HTTP application programming interface (HTTP API). The HTTP API can be used for sending SMS messages, collecting delivery reports, making Number Context (number validation) requests and receiving inbound SMS messages sent from mobile phones.

API is based on REST standards, enabling you to use your browser for accessing URLs. In order to interact with our API, any HTTP client in any programming language can be used.

Base URL

Submit all requests to the base URL. All the requests are submitted thorough HTTP or method.

POST

GET

**Base URL:**

[http://107.20.199.106](http://107.20.199.106/)

Content-Type & Accept header

SMS API supports

and

Content-Types and Accept criteria that should be specified in the

header. If the Content-Type is not specified you will receive a General error. Depending which Accept type is chosen in the deader for the request, the same one will be applied in the response.

JSON

XML

**Content-Type:** or .

application/json

application/xml

**Accept header:** or .

application/json

application/xml

### Authorization

We support basic authorization using a username and password with Base64 encoding variation [RFC2045-MIME](http://www.ietf.org/rfc/rfc2045.txt).

The authorization header is constructed as follows:

1. Username and password are combined into a string .

username:password

1. The resulting string is encoded using the [RFC2045-MIME](http://www.ietf.org/rfc/rfc2045.txt) variant of Base64.
2. The authorization method and a space, like this: , are put before the encoded string.

"Basic "

Example:

Username: Aladdin

Password: open sesame

Base64 encoded string: QWxhZGRpbjpvcGVuIHNlc2FtZQ==

Authorization header: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==

Send SMS

###### *Send your first SMS using API!*

In a few simple steps, we will explain how to send an SMS using HTTP API.

Your username and password has to be encoded in like this:

base64

Combine the username and password into a string . Encode the resulting string using [Base64 encoder](http://www.base64encode.org/).

username:password

**Example:**

Username: Aladdin

Password: open sesame

String: Alladin:open sesame

Base64 encoded string: QWxhZGRpbjpvcGVuIHNlc2FtZQ==

The message will be sent only to a valid phone number (numbers), written in **international format**

e.g. .

41793026727

**Phone numbers format**

We strongly recommend using the [E.164 number formatting](http://en.wikipedia.org/wiki/E.164). E.164 numbers are internationally standardized to a fifteen digit maximum length. Phone numbers are usually prefixed with *+* (plus sign), followed by a *country code*, *network code* and the *subscriber number*. Phone numbers that are not E.164 formatted may work, depending on the handset or network.

Now, you are ready to create a HTTP POST request to

<http://107.20.199.106/restapi/sms/1/text/single>

Your **Header** should contain *authorization* and *content type*:

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

to

text

**Request body** contains the message you wish to send with

from

, and

parameters.

Full **JSON request** is shown below:

**POST /restapi/sms/1/text/single HTTP/1.1**

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

Accept: application/json

{

"from":"InfoSMS",

"to":"41793026727",

"text":"My first SMS"

}

That’s it! You should receive an SMS in a few moments.

Send SMS response

###### *Handle SMS API response.*

After the “Send SMS” HTTP request was submitted to the SMS API, you will get a response containing

**200 OK**

some useful information. If everything went well, it should provide an message details in the response body.

Here is an example of a request for sending a single SMS:

response with

**POST /restapi/sms/1/text/single HTTP/1.1**

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

Accept: application/json

{

"from":"InfoSMS",

"to":"41793026727",

"text":"My first SMS"

}

And the appropriate response is shown below:

**HTTP/1.1 200 OK**

Content-Type: application/json

{

"messages":[

{

"to":"41793026727",

"status":{

"id":0,

"groupId":0, "groupName":"ACCEPTED", "name":"MESSAGE\_ACCEPTED",

"description":"Message accepted"

},

"smsCount":1,

"messageId":"2250be2d4219-3af1-78856-aabe-1362af1edfd2"

}

]

}

**messages** is an array of all SMS messages that were sent in the last request. In our case, it contains only one message

**to** is a phone number which you have sent the SMS message to

Each message successfully submitted to the platform is uniquely identified with the **messageId**. Furthermore, the Message ID can be used for checking Delivery status or Sent messages logs **smsCount** is the number of parts the message was split into

**status** is the object that further describes the state of sent message. For a full list of available statuses, visit this link

Getting delivery reports

*Check if your messages were successfully delivered.*

After you have sent a couple of messages, you are able to check if they were successfully delivered by making this request:

GET <http://107.20.199.106/restapi/sms/1/reports>

Available **query parameters** are:

**bulkId:** The ID uniquely identifies the sent SMS request. This filter will enable you to receive delivery reports for all the messages using just one request.

**messageId:** The ID that uniquely identifies the message sent.

**limit:** The maximum number of delivery reports you want to get.

As a response, you will get a collection of unread delivery reports.

**Important:**

Delivery reports can only be retrieved one time. Once you retrieve a delivery report, you will not be able to get the same report again by using this endpoint.

Here is the JSON request example for **getting reports without any query parameter:**

**GET /restapi/sms/1/reports HTTP/1.1**

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

Below you can see the response to delivery reports request:

**HTTP/1.1 200 OK**

Content-Type: application/json

{

"results":[

{

"bulkId":"80664c0c-e1ca-414d-806a-5caf146463df", "messageId":"bcfb828b-7df9-4e7b-8715-f34f5c61271a", "to":"38598111",

"sentAt":"2015-02-12T09:51:43.123+0100", "doneAt":"2015-02-12T09:51:43.127+0100",

"smsCount":1,

"price":{

"pricePerMessage":0.01, "currency":"EUR"

},

"status":{

"groupId":3, "groupName":"DELIVERED", "id":5, "name":"DELIVERED\_TO\_HANDSET",

"description":"Message delivered to handset"

},

"error":{

"groupId":0, "groupName":"OK", "id":0, "name":"NO\_ERROR",

"description":"No Error", "permanent":false

}

},

{

"bulkId":"08fe4407-c48f-4d4b-a2f4-9ff583c985b8", "messageId":"12db39c3-7822-4e72-a3ec-c87442c0ffc5", "to":"385981112",

"sentAt":"2015-02-12T09:50:22.221+0100", "doneAt":"2015-02-12T09:50:22.232+0100",

"smsCount":1,

"price":{

"pricePerMessage":0.01, "currency":"EUR"

},

"status":{

"groupId":3, "groupName":"DELIVERED", "id":5,

"name":"DELIVERED\_TO\_HANDSET",

"description":"Message delivered to handset"

},

"error":{

"groupId":0, "groupName":"OK", "id":0, "name":"NO\_ERROR",

"description":"No Error", "permanent":false

}

}

]

}

In a response, you will receive an array of which contain:

results

represents the recipient’s phone number. This way you can connect a delivery report to a phone number.

to

messageId

doneAt

bulkId and

sentAt and

], the ids that uniquely identify the request and the messages sent.

smsCount represents number of messages price object with pricePerMessage and status and error objects

parameters

currency

**Note:**

If you try making this same request again, you will get an empty set because all delivery reports were read:

**HTTP/1.1 200 OK**

Content-Type: application/json

{

"results":[]

}

If you send a mass number of messages but you are only interested in seeing the delivery report for only one, just set a query parameter in the request.

Append

?messageId=ff4804ef-6ab6-4abd-984d-ab3b1387e852

get delivery report only for that message.

on the request url, and you will

Besides the **messageId**, you can use **bulkId** or simply set the **limit** on the number of reports you wish to retrieve. Here is the JSON request example for getting the reports with query parameter:

**GET /restapi/sms/1/reports?messageId=ff4804ef-6ab6-4abd-984d- ab3b1387e852 HTTP/1.1**

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

The following JSON will be given as a response:

HTTP/1.1 200 OK

Content-Type: application/json

{

"results":[

{

"bulkId":"8c20f086-d82b-48cc-b2b3-3ca5f7aca9fb", "messageId":"ff4804ef-6ab6-4abd-984d-ab3b1387e852", "to":"385981178",

"sentAt":"2015-02-12T09:58:20.323+0100", "doneAt":"2015-02-12T09:58:20.337+0100",

"smsCount":1,

"price":{

"pricePerMessage":0.01, "currency":"EUR"

},

"status":{

"id":5,

"groupId":3, "groupName":"DELIVERED", "name":"DELIVERED\_TO\_HANDSET",

"description":"Message delivered to handset"

},

"error":{

"groupId":0, "groupName":"OK", "id":0, "name":"NO\_ERROR",

"description":"No Error", "permanent":false

}

}

]

}

As you can see, that message was successfully delivered without any error.

The opposite to one time delivery reports are **logs** which can be used to see the history for all the messages that you have sent. In the next step of this tutorial, we are going to show you how to get logs using our API.

Additionally, you are able to setup an end-point on your callback server so you can receive a **Delivery reports on Notify URL**.

## Getting SMS logs

###### *Your sent SMS message history.*

Logs with sent SMS message history can be requested for all messages by using a single request:

GET

.

<http://107.20.199.106/restapi/sms/1/logs>

Unlike delivery reports, these logs can be requested as many times as you want.

Let’s see what happens when you request all of your logs, without any query parameter:

**GET /restapi/sms/1/logs HTTP/1.1**

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

As a response, you will get the following result:

**HTTP/1.1 200 OK**

Content-Type: application/json

{

"results":[

{

"bulkId":"bafdeb3d-719b-4cce-8762-54d47b40f3c5", "messageId":"07e03aae-fabc-44ad-b1ce-222e14094d70", "to":"41793026727",

"from":"InfoSMS",

"text":"Test SMS.",

"sentAt":"2015-02-23T17:41:11.833+0100",

"doneAt":"2015-02-23T17:41:11.843+0100",

"smsCount":1, "mccmnc":"22801", "price":{

"pricePerMessage":0.01, "currency":"EUR"

},

"status":{

"groupId":3, "groupName":"DELIVERED", "id":5, "name":"DELIVERED\_TO\_HANDSET",

"description":"Message delivered to handset"

},

"error":{

"groupId":0, "groupName":"OK", "id":0, "name":"NO\_ERROR",

"description":"No Error", "permanent":false

}

},

{

"bulkId":"06479ba3-5977-47f6-9346-fee0369bc76b",

"messageId":"1f21d8d7-f306-4f53-9f6e-eddfce9849ea", "to":"41793026727",

"from":"InfoSMS",

"text":"Test SMS.",

"sentAt":"2015-02-23T17:40:31.773+0100", "doneAt":"2015-02-23T17:40:31.787+0100",

"smsCount":1, "mccmnc":"22801", "price":{

"pricePerMessage":0.01, "currency":"EUR"

},

"status":{

"groupId":3, "groupName":"DELIVERED", "id":5, "name":"DELIVERED\_TO\_HANDSET",

"description":"Message delivered to handset"

},

"error":{

"groupId":0,

"groupName":"OK", "id":0, "name":"NO\_ERROR",

"description":"No Error",

"permanent":false

}

}

]

}

Logs carry similar information as delivery reports, with some added fields.

If you need detailed information regarding these response fields, check out this page.

**Important:**

**SMS logs are available for the last 48 hours!**

Since this logs example was for all the messages you have sent over the platform for the last **48 hours**, you might need some filters to search through them. The filters you can use are:

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *from* | String | Sender address. |
| *to* | String | Destination address. |
| *bulkId* | String[] | Bulk ID for which logs are requested. |
| *messageId* | String[] | Message ID for which logs are requested. |
| *generalStatus* | String | Sent SMS status. |
| *sentSince* | Date | Lower limit on date and time of sending SMS. |
| *sentUntil* | Date | Upper limit on date and time of sending SMS. |
| *limit* | int | Max number of messages in returned logs. |
| *mcc* | String | Mobile country code. |
| *mnc* | String | Mobile network code. |

Now, let’s try getting **logs with “from”, “to” and “limit” as filters**:

**GET /restapi/sms/1/logs?from=InfoSMS&to=41793026727&limit=1 HTTP/1.1**

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

The response will be:

HTTP/1.1 200 OK

Content-Type: application/json

{

"results":[

{

"bulkId":"82d1d36e-e4fb-4194-8b93-caeb053bd327", "messageId":"fc0cbfb8-7a72-40da-a76d-e2c2d9400835", "to":"41793026727",

"from":"InfoSMS",

"text":"Test SMS.",

"sentAt":"2015-02-23T17:42:05.390+0100", "doneAt":"2015-02-23T17:42:05.390+0100",

"smsCount":1, "mccmnc":"22801", "price":{

"pricePerMessage":0, "currency":"EUR"

},

"status":{

"groupId":5, "groupName":"REJECTED", "id":6, "name":"REJECTED\_NETWORK",

"description":"Network is forbidden", "action":"Contact account manager"

},

"error":{

"groupId":0, "groupName":"OK", "id":0, "name":"NO\_ERROR",

"description":"No Error", "permanent":false

}

}

]

}

## Number Context

###### *The API which ensures mobile number validity!*

Number Context helps you keep your mobile numbers database up to date.

Mobile subscribers often change numbers, go into roaming and change providers while retaining their original phone number. Knowing which mobile numbers are in use and available, or which network your client is currently using can greatly improve accuracy and cost effectiveness for many types of businesses.

With Number Context, you can determine:

which numbers are currently active is the mobile number in roaming

is the mobile number ported

the optimal route for messages and voice

the type of number (e.g. land-line, machine-to-machine, mobile etc.)

The following example shows how you can get Number Context information using our API:

**POST /restapi/number/1/query HTTP/1.1**

Host: 107.20.199.106

Authorization: Basic dXNlcm5hbWU6cGFzc3dvcmQ= Content-Type: application/json

Accept: application/json

{

"to":["41793026727"]

}

The parameter is a list of all the numbers you want to check.

to

Here is your result:

**HTTP/1.1 200 OK**

Content-Type: application/json

{

"ncResults":[

{

"to":"41793026727",

"mccMnc":"22801", "imsi":"228012120181810",

"originalNetwork":{ "networkPrefix":"79", "countryPrefix":"41"

},

"ported":false, "roaming":false, "status":{

"groupId":3, "groupName":"DELIVERED", "id":5, "name":"DELIVERED\_TO\_HANDSET",

"description":"Message delivered to handset"

},

"error":{

"groupId":0, "groupName":"OK", "id":0, "name":"NO\_ERROR",

"description":"No Error", "permanent":false

}

}

]

}

## Response codes

###### *SMS API statuses and GSM codes.*

Check the list of response codes for statuses and GSM errors which could be received.

**Status object example:**

{

"groupId":3, "groupName":"DELIVERED", "id":5, "name":"DELIVERED\_TO\_HANDSET",

"description":"Message delivered to handset"

}

Statuses groups

|  |  |  |
| --- | --- | --- |
| **GroupId** | **GroupName** | **Description** |
| 0 | ACCEPTED | Message is accepted. |
| 1 | PENDING | Message is in pending status. |
| 2 | UNDELIVERABLE | Message is undeliverable. |
| 3 | DELIVERED | Message is delivered. |
| 4 | EXPIRED | Message is expired. |
| 5 | REJECTED | Message is rejected. |

Statuses

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Id** | **GroupId** | **Name** | **Description** | **Action** |
| 1 | 1 | PENDING\_TIME\_VIOLATION | Time window | NULL |
|  |  |  | violation |  |
| 2 | 3 | DELIVERED\_TO\_OPERATOR | Message | NULL |
|  |  |  | delivered to |  |
|  |  |  | operator |  |
| 3 | 1 | PENDING\_WAITING\_DELIVERY | Message sent, | NULL |
|  |  |  | waiting for |  |
|  |  |  | delivery report |  |
| 4 | 2 | UNDELIVERABLE\_REJECTED\_OPERATOR | Message | NULL |
|  |  |  | rejected by |  |
|  |  |  | operator |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 5 | 3 | DELIVERED\_TO\_HANDSET | Message delivered to handset | NULL |  |
| 6 | 5 | REJECTED\_NETWORK | Network is | Contact | account |
|  |  |  | forbidden | manager |  |
| 7 | 1 | PENDING\_ENROUTE | Message sent | NULL |  |
|  |  |  | to next |  |  |
|  |  |  | instance |  |  |
| 8 | 5 | REJECTED\_PREFIX\_MISSING | Number prefix | NULL |  |
|  |  |  | missing |  |  |
| 9 | 2 | UNDELIVERABLE\_NOT\_DELIVERED | Message sent | NULL |  |
|  |  |  | not delivered |  |  |
| 10 | 5 | REJECTED\_DND | Destination on | NULL |  |
|  |  |  | DND list |  |  |
| 11 | 5 | REJECTED\_SOURCE | Invalid Source | NULL |  |
|  |  |  | address |  |  |
| 12 | 5 | REJECTED\_NOT\_ENOUGH\_CREDITS | Not enough | NULL |  |
|  |  |  | credits |  |  |
| 13 | 5 | REJECTED\_SENDER | By Sender | Remove | sender |
| from blacklist | | | | | |
| 14 | 5 | REJECTED\_DESTINATION | By Destination | Remove |  |

destination from blacklist

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 15 | 4 | EXPIRED\_EXPIRED | Message expired | NULL |
| 16 | 5 | REJECTED\_NOT\_REACHABLE | Network not reachable | NULL |
| 17 | 5 | REJECTED\_PREPAID\_PACKAGE\_EXPIRED | Prepaid package expired | Top-Up your account to extend the validty period |
| 18 | 5 | REJECTED\_DESTINATION\_NOT\_REGISTERED | Destination not registered | NULL |
| 19 | 5 | REJECTED\_ROUTE\_NOT\_AVAILABLE | Route not | Contact account |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | | available | manager |
| 20 | 5 | REJECTED\_FLOODING\_FILTER | Rejected flooding | STOP SPAMMING |
| 21 | 5 | REJECTED\_SYSTEM\_ERROR | System error | NULL |
| 22 | 4 | EXPIRED\_UNKNOWN | Unknown Reason | NULL |
| 23 | 5 | REJECTED\_DUPLICATE\_MESSAGE\_ID | Rejected duplicate message ID | NULL |
| 24 | 5 | REJECTED\_INVALID\_UDH | Rejected invalid UDH | NULL |
| 25 | 5 | REJECTED\_MESSAGE\_TOO\_LONG | Rejected | NULL |

message too long

**Error object example:**

{

"groupId":0, "groupName":"OK", "id":0, "name":"NO\_ERROR",

"description":"No Error", "permanent":false

}

Errors Groups

|  |  |  |
| --- | --- | --- |
| **GroupId** | **GroupName** | **Description** |
| 0 | OK | No error. |
| 1 | HANDSET\_ERRORS | Handset error occurred. |
| 2 | USER\_ERRORS | User error occurred. |
| 3 | OPERATOR\_ERRORS | Operator error occurred. |

GSM Error Codes

|  |  |  |
| --- | --- | --- |
| **Id** | **Short description** | **Is permanent** |
| 0 | NO\_ERROR | NULL |
| 1 | EC\_UNKNOWN\_SUBSCRIBER | 1 |
| 5 | EC\_UNIDENTIFIED\_SUBSCRIBER | 0 |
| 6 | EC\_ABSENT\_SUBSCRIBER\_SM | 0 |
| 9 | EC\_ILLEGAL\_SUBSCRIBER | 1 |
| 10 | EC\_BEARER\_SERVICE\_NOT\_PROVISIONED | 0 |
| 11 | EC\_TELESERVICE\_NOT\_PROVISIONED | 1 |
| 12 | EC\_ILLEGAL\_EQUIPMENT | 1 |
| 13 | EC\_CALL\_BARRED | 0 |
| 20 | EC\_SS\_INCOMPATIBILITY | 0 |
| 21 | EC\_FACILITY\_NOT\_SUPPORTED | 0 |
| 27 | EC\_ABSENT\_SUBSCRIBER | 0 |
| 31 | EC\_SUBSCRIBER\_BUSY\_FOR\_MT\_SMS | 0 |
| 32 | EC\_SM\_DELIVERY\_FAILURE | 0 |
| 33 | EC\_MESSAGE\_WAITING\_LIST\_FULL | 0 |
| 34 | EC\_SYSTEM\_FAILURE | 0 |
| 35 | EC\_DATA\_MISSING | 1 |
| 36 | EC\_UNEXPECTED\_DATA\_VALUE | 1 |
| 51 | EC\_RESOURCE\_LIMITATION | 0 |
| 71 | EC\_UNKNOWN\_ALPHABET | 1 |
| 72 | EC\_USSD\_BUSY | 1 |

|  |  |  |
| --- | --- | --- |
| 255 | EC\_UNKNOWN\_ERROR | 1 |
| 256 | EC\_SM\_DF\_memoryCapacityExceeded | 0 |
| 257 | EC\_SM\_DF\_equipmentProtocolError | 0 |
| 258 | EC\_SM\_DF\_equipmentNotSM\_Equipped | 0 |
| 259 | EC\_SM\_DF\_unknownServiceCentre | 0 |
| 260 | EC\_SM\_DF\_sc\_Congestion | 0 |
| 261 | EC\_SM\_DF\_invalidSME\_Address | 0 |
| 262 | EC\_SM\_DF\_subscriberNotSC\_Subscriber | 0 |
| 500 | EC\_PROVIDER\_GENERAL\_ERROR | 0 |
| 502 | EC\_NO\_RESPONSE | 0 |
| 503 | EC\_SERVICE\_COMPLETION\_FAILURE | 0 |
| 504 | EC\_UNEXPECTED\_RESPONSE\_FROM\_PEER | 0 |
| 507 | EC\_MISTYPED\_PARAMETER | 0 |
| 508 | EC\_NOT\_SUPPORTED\_SERVICE | 0 |
| 509 | EC\_DUPLICATED\_INVOKE\_ID | 0 |
| 511 | EC\_INITIATING\_RELEASE | 0 |
| 1024 | EC\_OR\_appContextNotSupported | 0 |
| 1025 | EC\_OR\_invalidDestinationReference | 0 |
| 1026 | EC\_OR\_invalidOriginatingReference | 0 |
| 1027 | EC\_OR\_encapsulatedAC\_NotSupported | 0 |
| 1028 | EC\_OR\_transportProtectionNotAdequate | 0 |
| 1029 | EC\_OR\_noReasonGiven | 0 |
| 1030 | EC\_OR\_potentialVersionIncompatibility | 0 |
| 1031 | EC\_OR\_remoteNodeNotReachable | 0 |
| 1152 | EC\_NNR\_noTranslationForAnAddressOfSuchNature | 0 |

1153 EC\_NNR\_noTranslationForThisSpecificAddress 0

1154 EC\_NNR\_subsystemCongestion 0

1155 EC\_NNR\_subsystemFailure 0

1156 EC\_NNR\_unequippedUser 0

1157 EC\_NNR\_MTPfailure 0

1158 EC\_NNR\_networkCongestion 0

1159 EC\_NNR\_unqualified 0

1160 EC\_NNR\_errorInMessageTransportXUDT 0

1161 EC\_NNR\_errorInLocalProcessingXUDT 0

1162 EC\_NNR\_destinationCannotPerformReassemblyXUDT 0

1163 EC\_NNR\_SCCPfailure 0

1164 EC\_NNR\_hopCounterViolation 0

1165 EC\_NNR\_segmentationNotSupported 0

1166 EC\_NNR\_segmentationFailure 0

1281 EC\_UA\_userSpecificReason 0

1282 EC\_UA\_userResourceLimitation 0

1283 EC\_UA\_resourceUnavailable 0

1284 EC\_UA\_applicationProcedureCancellation 0

1536 EC\_PA\_providerMalfunction 0

1537 EC\_PA\_supportingDialogOrTransactionRealeased 0

1538 EC\_PA\_ressourceLimitation 0

1539 EC\_PA\_maintenanceActivity 0

1540 EC\_PA\_versionIncompatibility 0

1541 EC\_PA\_abnormalMapDialog 0

1792 EC\_NC\_abnormalEventDetectedByPeer 0

|  |  |  |
| --- | --- | --- |
| 1793 | EC\_NC\_responseRejectedByPeer | 0 |
| 1794 | EC\_NC\_abnormalEventReceivedFromPeer | 0 |
| 1795 | EC\_NC\_messageCannotBeDeliveredToPeer | 0 |
| 1796 | EC\_NC\_providerOutOfInvoke | 0 |
| 2048 | EC\_TIME\_OUT | 0 |
| 2049 | EC\_IMSI\_BLACKLISTED | 1 |
| 2050 | EC\_DEST\_ADDRESS\_BLACKLISTED | 1 |
| 2051 | EC\_InvalidMscAddress | 0 |
| 4096 | EC\_invalidPduFurmat | 1 |
| 4097 | EC\_NotSubmittedToGMSC | 1 |
| 4100 | EC\_Cancelled | 1 |
| 4101 | EC\_ValidityExpired | 1 |
| 4102 | EC\_NotSubmittedToSmppChannel | 0 |

Send SMS

Single textual message

###### *This method allows you to send a single textual message to one or more destination addresses.*

**Definition** <http://107.20.199.106/restapi/sms/1/text/single> **Parameters**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *from* | String | Represents sender ID and it can be alphanumeric or numeric. *Alphanumeric* sender ID length should be between 3 and 11 characters (Example: CompanyName ). *Numeric* sender ID length should be between 3 and 14 |
|  |  | characters. |
| *to* | String[] | **Required.** Array of message destination addresses. If you want to send a message to one destination, a single String is supported instead of an Array. Destination addresses must be in international format (Example: 41793026727 ). |
| *text* | String | Text of the message that will be sent. |

### Examples

POST /restapi/sms/1/text/single HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

Accept: application/json

{

"from":"InfoSMS",

"to":"41793026727",

"text":"Test SMS."

}

**Result Format**

{

"messages":[

{

"to":"41793026727",

"status":{

"groupId":0, "groupName":"ACCEPTED", "id":0, "name":"MESSAGE\_ACCEPTED",

"description":"Message accepted"

},

"smsCount":1,

"messageId":"2250be2d4219-3af1-78856-aabe-1362af1edfd2"

}

]

}

### Response format

On success, response header HTTP status code will be 200 OK and the message will be sent.

If you try to send message without authorization, you will receive an error 401 Unauthorized .

**SMSResponse**

**Parameter Type Description**

*bulkId* String The ID that uniquely identifies the request. Bulk ID will be

received only when you send a message to more than one destination address.

*messages* SMSResponseDetails[] Array of sent message objects, one object per every

message.

**SMSResponseDetails**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *to* | String | The message destination address. |
| *status* | Status | Indicates whether the message is successfully sent, not sent, delivered, not delivered, waiting for delivery or any other possible status. |
| *smsCount* | int | The number of sent message segments. |
| *messageId* | String | The ID that uniquely identifies the message sent. |

**Status**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *groupId* | int | Status group ID. |

|  |  |  |
| --- | --- | --- |
| *groupName* | String | Status group name. |
| *id* | int | Status ID. |
| *name* | String | Status name. |
| *description* | String | Human readable description of the status. |
| *action* | String | Action that should be taken to eliminate the error. |

**Long SMS:**

Maximum length for one message is 160 characters for GSM7 standard or 70 characters Unicode encoded messages. If you send text which exceeds the maximum number of supported characters for one message, the sent message will be segmented and charged accordingly. One Long SMS that consists of two SMS counts as two SMS.

Additional examples

Single textual message to one destination

**Request**

###### *JSON*

POST /restapi/sms/1/text/single HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

Accept: application/json

{

"from":"InfoSMS",

"to":"41793026727",

"text":"Test SMS."

}

###### *XML*

POST /restapi/sms/1/text/single HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/xml

Accept: application/xml

<**request**>

<**from**>InfoSMS</**from**>

<**to**>

<**to**>41793026727</**to**>

</**to**>

<**text**>Test SMS.</**text**>

</**request**>

###### *cURL*

curl -X POST \

-H 'Content-Type: application/json' \

-H 'Accept: application/json' \

-H 'Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' \

-d '{

"from":"InfoSMS",

"to":"41793026727",

"text":"Test SMS."

}' <http://107.20.199.106/restapi/sms/1/text/single>

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/sms/1/text/single');](http://107.20.199.106/restapi/sms/1/text/single%27)%3B)

$request->setMethod(HTTP\_METH\_POST);

$request->setHeaders(**array**( 'accept' => 'application/json',

'content-type' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

$request->setBody('{ "from":"InfoSMS",

"to":"41793026727",

"text":"Test SMS."

}');

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

**echo** $ex;

}

###### *Ruby*

require 'uri' require 'net/http'

url = URI(["http://107.20.199.106/restapi/sms/1/text/single](http://107.20.199.106/restapi/sms/1/text/single)")

http = Net::HTTP.**new**(url.host, url.port) http.use\_ssl = true

http.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

**request** = Net::HTTP::Post.**new**(url)

**request**["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

**request**["content-type"] = 'application/json'

**request**["accept"] = 'application/json'

**request**.body = "{\"from\":\"InfoSMS\",\"**to**\":\"41793026727\",

\"text\":\"Test SMS.\"}"

**response** = http.**request**(**request**) puts **response**.read\_body

###### *Python*

conn = http.client.httpConnection("107.20.199.106")

payload = "{\"from\":\"**InfoSMS**\",\"to\":\"41793026727\",\"text\":\"**Test SMS**.\"}"

headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'content-type': "application/json",

'accept': "application/json"

}

conn.request("POST", "/restapi/sms/1/text/single", payload, headers) res = conn.getresponse()

data = res.read() print(data.decode("utf-8"))

###### *Java*

HttpResponse<**String**> response = Unirest.post(["http://107.20.199.106/restapi/sms/1/text/single](http://107.20.199.106/restapi/sms/1/text/single)")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("content-type", "application/json")

.header("accept", "application/json")

.body("{\"**from**\":\"InfoSMS\",\"**to**\":\"41793026727\",\"**text**\":\"Test SMS.\"}")

.asString();

###### *C#*

var client = **new**

RestClient(["http://107.20.199.106/restapi/sms/1/text/single](http://107.20.199.106/restapi/sms/1/text/single)");

var **request** = **new** RestRequest(Method.POST); **request**.AddHeader("accept", "application/json"); **request**.AddHeader("content-type", "application/json"); **request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=="); **request**.AddParameter("application/json", "{\"from\":\"InfoSMS\",

\"**to**\":\"41793026727\",\"text\":\"Test SMS.\"}", ParameterType.RequestBody);

IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = **JSON**.stringify({ "from": "InfoSMS",

"to": "41793026727",

"text": "Test SMS."

});

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("POST", ["http://107.20.199.106/restapi/sms/1/text/single](http://107.20.199.106/restapi/sms/1/text/single)"); xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

xhr.setRequestHeader("content-type", "application/json"); xhr.setRequestHeader("accept", "application/json");

xhr.send(data);

**Response**

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"messages":[

{

"to":"41793026727",

"status":{

"groupId":0, "groupName":"Queue/Accepted", "id":0, "name":"MESSAGE\_ACCEPTED",

"description":"Message accepted"

},

"smsCount":1,

"messageId":"2250be2d4219-3af1-78856-aabe-1362af1edfd2"

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<SMSResponse>

<**messages**>

<**messages**>

<**to**>41793026727</**to**>

<**status**>

<**id**>0</**id**>

<**groupId**>0</**groupId**>

<**groupName**>ACCEPTED</**groupName**>

<**name**>MESSAGE\_ACCEPTED</**name**>

<**description**>Message accepted</**description**>

</**status**>

<**smsCount**>1</**smsCount**>

<**messageId**>2250be2d4219-3af1-78856-aabe- 1362af1edfd2</**messageId**>

</**messages**>

</**messages**>

</**SMSResponse**>

Single textual message to multiple destinations

##### Request

###### *JSON*

POST /restapi/sms/1/text/single HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

Accept: application/json

{

"from":"InfoSMS", "to":[

"41793026727",

"41793026834"

],

"text":"Test SMS."

}

###### *XML*

POST /restapi/sms/1/text/single HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/xml

Accept: application/xml

<**request**>

<**from**>InfoSMS</**from**>

<**to**>

<**to**>41793026727</**to**>

<**to**>41793026834</**to**>

</**to**>

<**text**>Test SMS.</**text**>

</**request**>

###### *cURL*

curl -X POST

-H 'Content-Type: application/json'

-H 'Accept: application/json'

-H 'Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

-d '{

"from":"InfoSMS", "to":[

"41793026727",

"41793026834"

],

"text":"Test SMS."

}' <http://107.20.199.106/restapi/sms/1/text/single>

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/sms/1/text/single');](http://107.20.199.106/restapi/sms/1/text/single%27)%3B)

$request->setMethod(HTTP\_METH\_POST);

$request->setHeaders(**array**( 'accept' => 'application/json',

'content-type' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

$request->setBody('{ "from":"InfoSMS", "to":[

"41793026727",

"41793026834"

],

"text":"Test SMS."

}');

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

**echo** $ex;

}

###### *Ruby*

require 'uri' require 'net/http'

url = URI(["http://107.20.199.106/restapi/sms/1/text/single](http://107.20.199.106/restapi/sms/1/text/single)")

http = Net::HTTP.**new**(url.host, url.port) http.use\_ssl = true

http.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

**request** = Net::HTTP::Post.**new**(url)

**request**["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

**request**["content-type"] = 'application/json'

**request**["accept"] = 'application/json'

**request**.body = "{\"from\":\"InfoSMS\",\"**to**\":[\"41793026727\",

\"41793026834\"],\"text\":\"Test SMS.\"}"

**response** = http.**request**(**request**) puts **response**.read\_body

###### *Python*

import http.client

conn = http.client.httpConnection("107.20.199.106") payload = "{\"from\":\"**InfoSMS**\",\"to\":[\"41793026727\",

\"41793026834\"],\"text\":\"**Test SMS**.\"}"

headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'content-type': "application/json",

'accept': "application/json"

}

conn.request("POST", "/restapi/sms/1/text/single", payload, headers) res = conn.getresponse()

data = res.read() print(data.decode("utf-8"))

###### *Java*

HttpResponse<**String**> response = Unirest.post(["http://107.20.199.106/restapi/sms/1/text/single](http://107.20.199.106/restapi/sms/1/text/single)")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("content-type", "application/json")

.header("accept", "application/json")

.body("{\"**from**\":\"InfoSMS\",\"**to**\":[\"41793026727\",

\"41793026834\"],\"**text**\":\"Test SMS.\"}")

.asString();

###### *C#*

var client = **new**

RestClient(["http://107.20.199.106/restapi/sms/1/text/single](http://107.20.199.106/restapi/sms/1/text/single)");

var **request** = **new** RestRequest(Method.POST); **request**.AddHeader("accept", "application/json"); **request**.AddHeader("content-type", "application/json"); **request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

**request**.AddParameter("application/json", "{\"from\":\"InfoSMS\", \"**to**\":

[ \"41793026727\",\"41793026834\"],\"text\":\"Test SMS.\"}",

ParameterType.RequestBody);

IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = **JSON**.stringify({ "from": "InfoSMS",

"to": [ "41793026727",

"41793026834"

],

"text": "Test SMS."

});

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("POST", ["http://107.20.199.106/restapi/sms/1/text/single](http://107.20.199.106/restapi/sms/1/text/single)"); xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

xhr.setRequestHeader("content-type", "application/json"); xhr.setRequestHeader("accept", "application/json");

xhr.send(data);

##### Response

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"bulkId":"f5c4322c-10e7-a41e-5528-34fa0b032134",

"messages":[

{

"to":"41793026727",

"status":{

"groupId":0, "groupName":"ACCEPTED", "id":0, "name":"MESSAGE\_ACCEPTED",

"description":"Message accepted"

},

"smsCount":1,

"messageId":"4a54f0242f19-b832-1c39-a7e7a2095f351ed2"

},

{

"to":"41793026834",

"status":{

"groupId":0, "groupName":"ACCEPTED", "id":0, "name":"MESSAGE\_ACCEPTED",

"description":"Message accepted"

},

"smsCount":1,

"messageId":"9404a69cef19-7a31-ba39-92ace76a5f351ed2"

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<SMSResponse>

<**bulkId**>f5c4322c-10e7-a41e-5528-34fa0b032134</**bulkId**>

<messages>

<**messages**>

<**to**>41793026727</**to**>

<**status**>

<**id**>0</**id**>

<**groupId**>0</**groupId**>

<**groupName**>ACCEPTED</**groupName**>

<**name**>MESSAGE\_ACCEPTED</**name**>

<**description**>Message accepted</**description**>

</**status**>

<**smsCount**>1</**smsCount**>

<**messageId**>2250be2d4219-3af1-78856-aabe- 1362af1edfd2</**messageId**>

</**messages**>

<messages>

<**to**>41793026834</**to**>

<**status**>

<**id**>0</**id**>

<**groupId**>0</**groupId**>

<**groupName**>ACCEPTED</**groupName**>

<**name**>MESSAGE\_ACCEPTED</**name**>

<**description**>Message accepted</**description**>

</**status**>

<**smsCount**>1</**smsCount**>

<**messageId**>9404a69cef19-7a31-ba39-92ace76a5f351ed2</**messageId**>

</**messages**>

</**messages**>

</**SMSResponse**>

## Multiple textual message

###### *This method allows you to send multiple textual messages to one or more destination addresses.*

**Definition**

<http://107.20.199.106/restapi/sms/1/text/multi>

|  |  |  |
| --- | --- | --- |
| **Parameters**  **Parameter** | **Type** | **Description** |
| messages | SMSTextualData[] | Messages that you want to send. |

**SMSMultiTextualData**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *from* | String | Represents sender ID and it can be alphanumeric or numeric. *Alphanumeric* sender ID length should be between 3 and 11 characters (Example: CompanyName ). *Numeric* sender ID length should be between 3 and 14 |
|  |  | characters. |

*to* String[] **Required.** Array of message destination addresses. If you want to send a message to one destination, a single String is supported instead of an Array. Destination addresses must be in international format (Example: 41793026727 ).

*text* String Text of the message that will be sent.

Examples

POST /restapi/sms/1/text/multi HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

Accept: application/json

{

"messages":[

{

"from":"InfoSMS", "to":[

"41793026727",

"41793026731"

],

"text":"May the Force be with you!"

},

{

"from":"41793026700", "to":"41793026785",

"text":"A long time ago, in a galaxy far, far away... It is a

period of civil war. Rebel spaceships, striking from a hidden base, have won their first victory against the evil Galactic Empire."

}

]

}

##### Result Format

{

"bulkId":"5028e2d42f19-42f1-4656-351e-a42c191e5fd2",

"messages":[

{

"to":"41793026727",

"status":{

"groupId":0, "groupName":"ACCEPTED", "id":0, "name":"MESSAGE\_ACCEPTED",

"description":"Message accepted"

},

"smsCount":1,

"messageId":"4242f196ba50-a356-2f91-831c4aa55f351ed2"

},

{

"to":"41793026785",

"status":{

"groupId":0, "groupName":"ACCEPTED", "id":0, "name":"MESSAGE\_ACCEPTED",

"description":"Message accepted"

},

"smsCount":2,

"messageId":"5f35f87a2f19-a141-43a4-91cd81b85f8c689"

}

]

}

Response format

If successful, response header HTTP status code will be 200 OK and the message will be sent.

If you try to send message without authorization, you will receive an error 401 Unauthorized .

**SMSResponse**

**Parameter Type Description**

*bulkId* String The ID that uniquely identifies the request. Bulk ID will be

received only when you send a message to more than one destination address.

*messages* SMSResponseDetails[] Array of sent message objects, one object per every

message.

**SMSResponseDetails**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *to* | String | The message destination address. |
| *status* | Status | Indicates whether the message is successfully sent, not sent, delivered, not delivered, waiting for delivery or any other possible status. |
| *smsCount* | int | The number of sent message segments. |
| *messageId* | String | The ID that uniquely identifies the message sent. |

**Status**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *groupId* | int | Status group ID. |
| *groupName* | String | Status group name. |
| *id* | int | Status ID. |
| *name* | String | Status name. |
| *description* | String | Human readable description of the status. |
| *action* | String | Action that should be taken to eliminate the error. |

**Long SMS:**

Maximum length for one message is 160 characters for GSM7 standard or 70 characters Unicode encoded messages. If you send text which exceeds the maximum number of supported characters for one message, the sent message will be segmented and charged accordingly. One Long SMS that consists of two SMS counts as two SMS.

Additional examples

Multiple textual messages to multiple destinations

**Request:**

###### *JSON*

POST /restapi/sms/1/text/multi HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

Accept: application/json

{

"messages":[

{

"from":"InfoSMS", "to":[

"41793026727",

"41793026731"

],

"text":"May the Force be with you!"

},

{

"from":"41793026700", "to":"41793026785",

"text":"A long time ago, in a galaxy far, far away... It is a

period of civil war. Rebel spaceships, striking from a hidden base, have won their first victory against the evil Galactic Empire."

}

]

}

###### *XML*

POST /restapi/sms/1/text/multi HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/xml

Accept: application/xml

<request>

<messages>

<messages>

<**from**>InfoSMS</**from**>

<**to**>

<**to**>41793026727</**to**>

<**to**>41793026731</**to**>

</**to**>

<**text**>May the Force be with you!</**text**>

</messages>

<messages>

<**from**>41793026700</**from**>

<**to**>

<**to**>41793026785</**to**>

</**to**>

<**text**>A **long time** ago, in a galaxy far, far away... It is a period of civil war. Rebel spaceships, striking **from** a hidden base, have won their **first** victory against the evil Galactic Empire.</**text**>

</messages>

</messages>

</request>

###### *cURL*

curl -X POST \

-H 'Content-Type: application/json' \

-H 'Accept: application/json' \

-H 'Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' \

-d '{

"messages":[

{

"from":"InfoSMS", "to":[

"41793026727",

"41793026731"

],

"text":"May the Force be with you!"

},

{

"from":"41793026700", "to":"41793026785",

"text":"A long time ago, in a galaxy far, far away... It is a

period of civil war. Rebel spaceships, striking from a hidden base, have won their first victory against the evil Galactic Empire."

}

]

}' <http://107.20.199.106/restapi/sms/1/text/multi>

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/sms/1/text/multi');](http://107.20.199.106/restapi/sms/1/text/multi%27)%3B)

$request->setMethod(HTTP\_METH\_POST);

$request->setHeaders(**array**(

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==', 'content-type' => 'application/json'

));

$request->setBody('{ "messages":[

{

"from":"InfoSMS", "to":[

"41793026727",

"41793026731"

],

"text":"May the Force be with you!"

},

{

"from":"41793026700", "to":"41793026785",

"text":"A long time ago, in a galaxy far, far away... It is a

period of civil war. Rebel spaceships, striking from a hidden base, have won their first victory against the evil Galactic Empire."

}

]

}');

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

**echo** $ex;

}

###### *Ruby*

require 'uri' require 'net/http'

url = URI(["http://107.20.199.106/restapi/sms/1/text/multi](http://107.20.199.106/restapi/sms/1/text/multi)")

http = Net::HTTP.**new**(url.host, url.port) http.use\_ssl = true

http.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

request = Net::HTTP::Post.**new**(url)

request["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' request["content-type"] = 'application/json'

request["accept"] = 'application/json'

request.body = "{\"messages\":[{\"**from**\":\"InfoSMS\",\"**to**\": [\"41793026727\", \"41793026731\"], \"**text**\":\"May the Force be **with** you!\"}, {\"**from**\":\"41793026700\",\"**to**\":\"41793026785\", \"**text**\":\"A **long** time ago, **in** a galaxy far, far away... It **is** a period **of** civil war. Rebel spaceships, striking **from** a hidden base, have won their first victory against the evil Galactic Empire.\"}]}"

response = http.request(request) puts response.read\_body

###### *Python*

import http.client

conn = http.client.httpConnection("107.20.199.106") payload = "{**\"**messages**\"**:[{**\"**from**\"**:**\"**InfoSMS**\"**, **\"**to**\"**:

[**\"**41793026727**\"**, **\"**41793026731**\"**], **\"**text**\"**:**\"**May the Force be with you!**\"**}, {**\"**from**\"**:**\"**41793026700**\"**, **\"**to**\"**:**\"**41793026785**\"**, **\"**text**\"**:**\"**A long time ago, in a galaxy far, far away... It is a period of civil war. Rebel spaceships, striking from a hidden base, have won their first victory against the evil Galactic Empire.**\"**}]}"

headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'content-type': "application/json",

'accept': "application/json"

}

conn.request("POST", "/restapi/sms/1/text/multi", payload, headers) res = conn.getresponse()

data = res.read()

print(data.decode("utf-8"))

###### *Java*

HttpResponse<**String**> response = Unirest.post(["http://107.20.199.106/restapi/sms/1/text/multi](http://107.20.199.106/restapi/sms/1/text/multi)")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("content-type", "application/json")

.header("accept", "application/json")

.body("{\"messages\":[{\"**from**\":\"InfoSMS\", \"**to**\":[\"41793026727\",

\"41793026731\"], \"**text**\":\"May the Force be **with** you!\"},

{\"**from**\":\"41793026700\", \"**to**\":\"41793026785\", \"**text**\":\"A **long** time ago, **in** a galaxy far, far away... It **is** a period **of** civil war. Rebel spaceships, striking **from** a hidden base, have won their first victory against the evil Galactic Empire.\"}]}")

.asString();

###### *C#*

var client = **new**

RestClient(["http://107.20.199.106/restapi/sms/1/text/multi](http://107.20.199.106/restapi/sms/1/text/multi)");

var **request** = **new** RestRequest(Method.POST); **request**.AddHeader("accept", "application/json"); **request**.AddHeader("content-type", "application/json"); **request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=="); **request**.AddParameter("application/json", "{\"messages\": [{\"from\":\"InfoSMS\", \"**to**\":[\"41793026727\", \"41793026731\"],

\"text\":\"May the Force be **with** you!\"}, {\"from\":\"41793026700\",

\"**to**\":\"41793026785\", \"text\":\"A long **time** ago, **in** a galaxy far, far away... It **is** a period of civil war. Rebel spaceships, striking from a hidden base, have won their first victory against the evil Galactic Empire.\"}]}", ParameterType.RequestBody);

IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = **JSON**.stringify({ "messages": [

{

"from": "InfoSMS", "to": [

"41793026727",

"41793026731"

],

"text": "May the Force be with you!"

},

{

"from": "41793026700",

"to": "41793026785",

"text": "A long time ago, in a galaxy far, far away... It is a period of civil war. Rebel spaceships, striking from a hidden base, have won their first victory against the evil Galactic Empire."

}

]

});

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("POST", ["http://107.20.199.106/restapi/sms/1/text/multi](http://107.20.199.106/restapi/sms/1/text/multi)"); xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

xhr.setRequestHeader("content-type", "application/json"); xhr.setRequestHeader("accept", "application/json");

xhr.send(data);

**Response**

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"bulkId":"5028e2d42f19-42f1-4656-351e-a42c191e5fd2",

"messages":[

{

"to":"41793026727",

"status":{

"groupId":0, "groupName":"ACCEPTED", "id":0, "name":"MESSAGE\_ACCEPTED",

"description":"Message accepted"

},

"smsCount":1,

"messageId":"4242f196ba50-a356-2f91-831c4aa55f351ed2"

},

{

"to":"41793026731",

"status":{

"groupId":0, "groupName":"ACCEPTED", "id":0, "name":"MESSAGE\_ACCEPTED",

"description":"Message accepted"

},

"smsCount":1,

"messageId":"9304a5a3ab19-1ca1-be74-76ad87651ed25f35"

},

{

"to":"41793026785",

"status":{

"groupId":0, "groupName":"ACCEPTED", "id":0, "name":"MESSAGE\_ACCEPTED",

"description":"Message accepted"

},

"smsCount":2,

"messageId":"5f35f87a2f19-a141-43a4-91cd81b85f8c689"

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<SendSMSResponse>

<**bulkId**>7241ea9b2ca9-a11f-42c6-aa1e-83cd11c75f52</**bulkId**>

<messages>

<**messages**>

<**to**>41793026727</**to**>

<**status**>

<**groupId**>0</**groupId**>

<**groupName**>ACCEPTED</**groupName**>

<**id**>0</**id**>

<**name**>MESSAGE\_ACCEPTED</**name**>

<**description**>Message accepted</**description**>

</**status**>

<**smsCount**>1</**smsCount**>

<**messageId**>4242f196ba50-a356-2f91-831c4aa55f351ed2</**messageId**>

</**messages**>

<messages>

<**to**>41793026731</**to**>

<**status**>

<**groupId**>0</**groupId**>

<**groupName**>ACCEPTED</**groupName**>

<**id**>0</**id**>

<**name**>MESSAGE\_ACCEPTED</**name**>

<**description**>Message accepted</**description**>

</**status**>

<**smsCount**>1</**smsCount**>

<**messageId**>9304a5a3ab19-1ca1-be74-76ad87651ed25f35</**messageId**>

</**messages**>

<messages>

<**to**>41793026785</**to**>

<**status**>

<**groupId**>0</**groupId**>

<**groupName**>ACCEPTED</**groupName**>

<**id**>0</**id**>

<**name**>MESSAGE\_ACCEPTED</**name**>

<**description**>Message accepted</**description**>

</**status**>

<**smsCount**>2</**smsCount**>

<**messageId**>5f35f87a2f19-a141-43a4-91cd81b85f8c689</**messageId**>

</**messages**>

</**messages**>

</SendSMSResponse>

Single binary message

*This method allows you to send single binary message to one or more destination addresses.*

**Definition**

<http://107.20.199.106/restapi/sms/1/binary/single>

|  |  |  |
| --- | --- | --- |
| **Parameters**  **Parameter** | **Type** | **Description** |
| *from* | String | Represents sender ID and it can be alphanumeric or numeric. *Alphanumeric* sender ID length should be between 3 and 11 characters (Example: CompanyName ). *Numeric* sender ID length |
|  |  | should be between 3 and 14 characters. |
| *to* | String[] | **Required.** Array of message destination addresses. If you want to send a message to one destination, a single String is supported instead of an Array. Destination addresses must be in international format (Example: 41793026727 ). |
| *binary* | BinaryContent | Binary content that you want to send. |

##### BinaryContent

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *hex* | String | Hexadecimal string. This is the representation of your binary data. Two hex digits represent one byte. They should be separated by space character (Example: "0f c2 4a bf 34 13 ba" ). |
| *dataCoding* | int | Binary content data coding. Default value is ( 0 ) for GSM7. Example: ( 8 ) for |
|  |  | Unicode data. |
| *esmClass* | int | “Esm\_class” parameter. Indicate a special message attributes associated with the SMS. Default value is (0) . |

Find out more about Data coding and “Esm\_class” usage [here](http://www.3gpp.org/DynaReport/23038.htm).

Examples

POST /1/sms/binary/single HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

Accept: application/xml

{

"from":"InfoSMS",

"to":"41793026727",

"binary":{

"hex":"54 65 73 74 20 6d 65 73 73 61 67 65 2e",

"dataCoding":0, "esmClass":0

}

}

##### Result Format

{

"messages":[

{

"to":"41793026727",

"status":{

"groupId":0, "groupName":"ACCEPTED", "id":0, "name":"MESSAGE\_ACCEPTED",

"description":"Message accepted"

},

"smsCount":1,

"messageId":"502baa42f19-42f1-351e-4656a42c1b1e5fd2"

}

]

}

### Response format

If successful, response header HTTP status code will be 200 OK and the message will be sent.

If you try to send message without authorization, you will receive an error 401 Unauthorized .

**SMSResponse**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *bulkId* | String | The ID that uniquely identifies the request. Bulk ID will be received only when you send a message to more than one destination address. |
| *messages* | SMSResponseDetails[] | Array of sent message objects, one object per every message. |

**SMSResponseDetails**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *to* | String | The message destination address. |
| *status* | Status | Indicates whether the message is successfully sent, not sent, delivered, not delivered, waiting for delivery or any other possible status. |
| *smsCount* | int | The number of sent message segments. |
| *messageId* | String | The ID that uniquely identifies the message sent. |

**Status**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *groupId* | int | Status group ID. |
| *groupName* | String | Status group name. |
| *id* | int | Status ID. |
| *name* | String | Status name. |
| *description* | String | Human readable description of the status. |
| *action* | String | Action that should be taken to eliminate the error. |

**Note:**

Find out more about Data coding and “Esm\_class” usage [here](http://www.3gpp.org/DynaReport/23038.htm).

Additional examples

Single binary message to one destination

**Request**

###### *JSON*

POST /1/sms/binary/single HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

Accept: application/xml

{

"from":"InfoSMS",

"to":"41793026727",

"binary":{

"hex":"54 65 73 74 20 6d 65 73 73 61 67 65 2e",

"dataCoding":0, "esmClass":0

}

}

###### *XML*

POST /1/sms/binary/single HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/xml

Accept: application/xml

<**request**>

<**from**>InfoSMS</**from**>

<**to**>

<**to**>41793026727</**to**>

</**to**>

<**binary**>

<**hex**>54 65 73 74 20 6d 65 73 73 61 67 65 2e</**hex**>

<**dataCoding**>0</**dataCoding**>

<**esmClass**>0</**esmClass**>

</**binary**>

</**request**>

###### *cURL*

curl -X POST \

-H 'Content-Type: application/json' \

-H 'Accept: application/json' \

-H 'Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' \

-d '{

"from":"InfoSMS",

"to":"41793026727",

"binary":{

"hex":"54 65 73 74 20 6d 65 73 73 61 67 65 2e",

"dataCoding":0, "esmClass":0

}

}' <http://107.20.199.106/restapi/1/sms/binary/single>

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/sms/1/binary/single');](http://107.20.199.106/restapi/sms/1/binary/single%27)%3B)

$request->setMethod(HTTP\_METH\_POST);

$request->setHeaders(**array**( 'accept' => 'application/json',

'content-type' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

$request->setBody('{ "from":"InfoSMS",

"to":"41793026727",

"binary":{

"hex":"54 65 73 74 20 6d 65 73 73 61 67 65 2e",

"dataCoding":0, "esmClass":0

}

}');

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

**echo** $ex;

}

###### *Ruby*

require 'uri' require 'net/http'

url = URI(["http://107.20.199.106/restapi/sms/1/binary/single](http://107.20.199.106/restapi/sms/1/binary/single)")

http = Net::HTTP.**new**(url.host, url.port) http.use\_ssl = true

http.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

**request** = Net::HTTP::Post.**new**(url)

**request**["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

**request**["content-type"] = 'application/json'

**request**["accept"] = 'application/json'

**request**.body = "{\"from\":\"InfoSMS\", \"**to**\":\"41793026727\",

\"binary\":{\"**hex**\":\"54 65 73 74 20 6d 65 73 73 61 67 65 2e\",

\"dataCoding\":0, \"esmClass\":0}}"

**response** = http.**request**(**request**) puts **response**.read\_body

###### *Python*

import http.client

conn = http.client.httpConnection("107.20.199.106")

payload = "{\"from\":\"**InfoSMS**\", \"to\":\"41793026727\", \"binary\":

{\"hex\":\"54 65 73 74 20 6d 65 73 73 61 67 65 2e\", \"dataCoding\":0,

\"esmClass\":0}}"

headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'content-type': "application/json",

'accept': "application/json"

}

conn.request("POST", "/restapi/sms/1/binary/single", payload, headers)

res = conn.getresponse() data = res.read()

print(data.decode("utf-8"))

###### *Java*

HttpResponse<**String**> response = Unirest.post(["http://107.20.199.106/restapi/sms/1/binary/single](http://107.20.199.106/restapi/sms/1/binary/single)")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("content-type", "application/json")

.header("accept", "application/json")

.body("{\"**from**\":\"InfoSMS\", \"**to**\":\"41793026727\", \"**binary**\":

{\"hex\":\"54 65 73 74 20 6d 65 73 73 61 67 65 2e\", \"dataCoding\":0,

\"esmClass\":0}}")

.asString();

###### *C#*

var client = **new**

RestClient(["http://107.20.199.106/restapi/sms/1/binary/single](http://107.20.199.106/restapi/sms/1/binary/single)");

var **request** = **new** RestRequest(Method.POST); **request**.AddHeader("accept", "application/json"); **request**.AddHeader("content-type", "application/json"); **request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=="); **request**.AddParameter("application/json", "{\"from\":\"InfoSMS\",

\"**to**\":\"41793026727\", \"binary\":{\"**hex**\":\"54 65 73 74 20 6d 65 73 73

61 67 65 2e\", \"dataCoding\":0, \"esmClass\":0}}", ParameterType.RequestBody);

IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = **JSON**.stringify({ "from": "InfoSMS",

"to": "41793026727",

"binary": {

"hex": "54 65 73 74 20 6d 65 73 73 61 67 65 2e",

"dataCoding": 0,

}

});

"esmClass": 0

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("POST", ["http://107.20.199.106/restapi/sms/1/binary/single](http://107.20.199.106/restapi/sms/1/binary/single)"); xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

xhr.setRequestHeader("content-type", "application/json"); xhr.setRequestHeader("accept", "application/json");

xhr.send(data);

**Response**

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"messages":[

{

"to":"41793026727",

"status":{

"groupId":0, "groupName":"ACCEPTED", "id":0, "name":"MESSAGE\_ACCEPTED",

"description":"Message accepted"

},

"smsCount":1,

"messageId":"502baa42f19-42f1-351e-4656a42c1b1e5fd2"

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<SMSResponse>

<**messages**>

<**messages**>

<**to**>41793026727</**to**>

<**status**>

<**groupId**>0</**groupId**>

<**groupName**>ACCEPTED</**groupName**>

<**id**>0</**id**>

<**name**>MESSAGE\_ACCEPTED</**name**>

<**description**>Message accepted</**description**>

</**status**>

<**smsCount**>1</**smsCount**>

<**messageId**>502baa42f19-42f1-351e-4656a42c1b1e5fd2</**messageId**>

</**messages**>

</**messages**>

</**SMSResponse**>

Single binary message to multiple destinations

##### Request

###### *JSON*

POST /1/sms/binary/single HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

Accept: application/json

{

"from":"InfoSMS", "to":[

"41793026727",

"41793026834"

],

"binary":{

"hex":"54 65 73 74 69 6e 67 20 c4 8d c5 a1 c4 87 c4 91",

"dataCoding":7,

"esmClass":0

}

}

###### *XML*

POST /1/sms/binary/single HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/xml

Accept: application/xml

<**request**>

<**from**>InfoSMS</**from**>

<**to**>

<**to**>41793026727</**to**>

<**to**>41793026834</**to**>

</**to**>

<**binary**>

<**hex**>54 65 73 74 69 6e 67 20 c4 8d c5 a1 c4 87 c4 91</**hex**>

<**dataCoding**>7</**dataCoding**>

<**esmClass**>0</**esmClass**>

</**binary**>

</**request**>

###### *cURL*

curl -X POST

-H 'Content-Type: application/json'

-H 'Accept: application/json'

-H 'Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

-d '{

"from":"InfoSMS", "to":[

"41793026727",

"41793026834"

],

"binary":{

"hex":"54 65 73 74 69 6e 67 20 c4 8d c5 a1 c4 87 c4 91",

"dataCoding":7, "esmClass":0

}

}' <http://107.20.199.106/restapi/1/sms/binary/single>

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/sms/1/binary/single');](http://107.20.199.106/restapi/sms/1/binary/single%27)%3B)

$request->setMethod(HTTP\_METH\_POST);

$request->setHeaders(**array**( 'accept' => 'application/json',

'content-type' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

$request->setBody('{ "from":"InfoSMS", "to":[

"41793026727",

"41793026834"

],

"binary":{

"hex":"54 65 73 74 69 6e 67 20 c4 8d c5 a1 c4 87 c4 91",

"dataCoding":7, "esmClass":0

}

}');

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

**echo** $ex;

}

###### *Ruby*

require 'uri' require 'net/http'

url = URI(["http://107.20.199.106/restapi/sms/1/binary/single](http://107.20.199.106/restapi/sms/1/binary/single)") http = Net::HTTP.**new**(url.host, url.port)

http.use\_ssl = true

http.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

**request** = Net::HTTP::Post.**new**(url)

**request**["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

**request**["content-type"] = 'application/json'

**request**["accept"] = 'application/json'

**request**.body = "{\"from\":\"InfoSMS\", \"**to**\":[\"41793026727\",

\"41793026834\"], \"binary\":{\"**hex**\":\"54 65 73 74 69 6e 67 20 c4 8d c5 a1 c4 87 c4 91\", \"dataCoding\":7, \"esmClass\":0}}"

**response** = http.**request**(**request**) puts **response**.read\_body

###### *Python*

import http.client

conn = http.client.httpConnection("107.20.199.106")

payload = "{\"from\":\"**InfoSMS**\", \"to\":[\"41793026727\",

\"41793026834\"], \"binary\":{\"hex\":\"54 65 73 74 69 6e 67 20 c4 8d c5 a1 c4 87 c4 91\", \"dataCoding\":7, \"esmClass\":0}}"

headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'content-type': "application/json",

'accept': "application/json"

}

conn.request("POST", "/restapi/sms/1/binary/single", payload, headers) res = conn.getresponse()

data = res.read() print(data.decode("utf-8"))

###### *Java*

HttpResponse<**String**> response = Unirest.post(["http://107.20.199.106/restapi/sms/1/binary/single](http://107.20.199.106/restapi/sms/1/binary/single)")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("content-type", "application/json")

.header("accept", "application/json")

.body("{\"**from**\":\"InfoSMS\", \"**to**\":[\"41793026727\",

\"41793026834\"], \"**binary**\":{\"hex\":\"54 65 73 74 69 6e 67 20 c4 8d c5 a1 c4 87 c4 91\", \"dataCoding\":7, \"esmClass\":0}}")

.asString();

###### *C#*

var client = **new**

RestClient(["http://107.20.199.106/restapi/sms/1/binary/single](http://107.20.199.106/restapi/sms/1/binary/single)");

var **request** = **new** RestRequest(Method.POST); **request**.AddHeader("accept", "application/json"); **request**.AddHeader("content-type", "application/json"); **request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

**request**.AddParameter("application/json", "{\"from\":\"InfoSMS\", \"**to**\": [\"41793026727\", \"41793026834\"], \"binary\":{\"**hex**\":\"54 65 73 74 69

6e 67 20 c4 8d c5 a1 c4 87 c4 91\", \"dataCoding\":7, \"esmClass\":0}}", ParameterType.RequestBody);

IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = **JSON**.stringify({ "from": "InfoSMS",

"to": [ "41793026727",

"41793026834"

],

"binary": {

"hex": "54 65 73 74 69 6e 67 20 c4 8d c5 a1 c4 87 c4 91",

"dataCoding": 7,

"esmClass": 0

}

});

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("POST", ["http://107.20.199.106/restapi/sms/1/binary/single](http://107.20.199.106/restapi/sms/1/binary/single)"); xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

xhr.setRequestHeader("content-type", "application/json"); xhr.setRequestHeader("accept", "application/json");

xhr.send(data);

##### Response

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"bulkId":"5028e2d42f19-42f1-4656-351e-a42c191e5fd2",

"messages":[

{

"to":"41793026727",

"status":{

"groupId":0, "groupName":"ACCEPTED", "id":0, "name":"MESSAGE\_ACCEPTED",

"description":"Message accepted"

},

"smsCount":1,

"messageId":"465650242f19-4656-c191-a42e87655f351ed2"

},

{

"to":"41793026834",

"status":{

"groupId":0, "groupName":"ACCEPTED", "id":0, "name":"MESSAGE\_ACCEPTED",

"description":"Message accepted"

},

"smsCount":1,

"messageId":"1234aba32f19-3c31-b294-76ad87655f351ed2"

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<SMSResponse>

<**bulkId**>7241ea9b2ca9-a11f-42c6-aa1e-83cd11c75f52</**bulkId**>

<messages>

<**messages**>

<**to**>41793026727</**to**>

<**status**>

<**groupId**>0</**groupId**>

<**groupName**>ACCEPTED</**groupName**>

<**id**>0</**id**>

<**name**>MESSAGE\_ACCEPTED</**name**>

<**description**>Message accepted</**description**>

</**status**>

<**smsCount**>1</**smsCount**>

<**messageId**>4242f196ba50-a356-2f91-831c4aa55f351ed2</**messageId**>

</**messages**>

<messages>

<**to**>41793026834</**to**>

<**status**>

<**groupId**>0</**groupId**>

<**groupName**>ACCEPTED</**groupName**>

<**id**>0</**id**>

<**name**>MESSAGE\_ACCEPTED</**name**>

<**description**>Message accepted</**description**>

</**status**>

<**smsCount**>1</**smsCount**>

<**messageId**>9304a5a3ab19-1ca1-be74-76ad87651ed25f35</**messageId**>

</**messages**>

</**messages**>

</**SMSResponse**>

## Multiple binary message

###### *This method allows you to send multiple binary messages to one or more destination addresses.*

**Definition**

<http://107.20.199.106/restapi/sms/1/binary/multi>

|  |  |  |
| --- | --- | --- |
| **Parameters**  **Parameter** | **Type** | **Description** |
| *messages* | SMSBinaryData[] | Messages that you want to send. |

**SMSBinaryData**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *from* | String | Represents sender ID and it can be alphanumeric or numeric. *Alphanumeric* sender ID length should be between 3 and 11 characters (Example: CompanyName ). *Numeric* sender ID length |
|  |  | should be between 3 and 14 characters. |
| *to* | String[] | **Required.** Array of message destination addresses. If you want to send a message to one destination, a single String is supported instead of an Array. Destination addresses must be in international format (Example: 41793026727 ). |
| *binary* | BinaryContent | Binary content that you want to send. |

**BinaryContent**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *hex* | String | Hexadecimal string. This is the representation of your binary data. Two hex digits represent one byte. They should be separated by space character (Example: "0f c2 4a bf 34 13 ba" ). |
| *dataCoding* | Integer | Binary content data coding. Default value is ( 0 ) for GSM7. Example: ( 8 ) for |
|  |  | Unicode data. |
| *esmClass* | Integer | “Esm\_class” parameter. Indicate a special message attributes associated with the SMS. Default value is (0) . |

Examples

POST /1/sms/binary/multi HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

Accept: application/json

{

"messages":[

{

"from":"InfoSMS", "to":[

"41793026727",

"41793026731"

],

"binary":{

"hex":"54 65 73 74 20 6d 65 73 73 61 67 65 2e",

"dataCoding":0, "esmClass":0

}

},

{

"from":"41793026700", "to":"41793026785",

"binary":{

"hex":"d1 82 d0 b5 d1 81 d1 82 d0 b8 d1 80 d0 b0 d1 9a d0 b5

20 d1 9b d0 b8 d1 80 d0 b8 d0 bb d0 b8 d1 86 d0 b5", "dataCoding":6,

"esmClass":0

}

}

]

}

##### Result Format

{

"bulkId":"1036A4cb-803a-4a73-a5a6-7e4fc3791722",

"messages":[

{

"to":"41793026727",

"status":{

"groupId":7, "groupName":"PENDING", "id":7,

"name":"PENDING\_ENROUTE",

"description":"Message sent to next instance"

},

"smsCount":1,

"messageId":"1254df3e-ab62-15af5-230b-14d8e65c7540"

},

{

"to":"41793026785",

"status":{

"groupId":1, "groupName":"PENDING", "id":7, "name":"PENDING\_ENROUTE",

"description":"Message sent to next instance"

},

"smsCount":1,

"messageId":"1877df3e-4b62-46f5-819b-14d8e65c2291"

}

]

}

Response format

If successful, response header HTTP status code will be 200 OK and the messages will be sent.

If you try to send messages without authorization, you will receive an error 401 Unauthorized .

**SMSResponse**

**Parameter Type Description**

*bulkId* String The ID that uniquely identifies the request. Bulk ID will be

received only when you send the message to more than one destination address.

*messages* SMSResponseDetails[] Array of sent message objects, one object per every

message.

**SMSResponseDetails**

**Parameter Type Description**

|  |  |  |
| --- | --- | --- |
| *to* | String | The message destination address. |
| *status* | Status | Indicates whether the message is successfully sent, not sent, delivered, not delivered, waiting for delivery or any other possible status. |
| *smsCount* | int | The number of sent message segments. |
| *messageId* | String | The ID that uniquely identifies the message sent. |

**Status**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *groupId* | int | Status group ID. |
| *groupName* | String | Status group name. |
| *id* | int | Status ID. |
| *name* | String | Status name. |
| *description* | String | Human readable description of the status. |
| *action* | String | Action that should be taken to eliminate the error. |

**Note:**

Find out more about Data coding and Esm\_class usage [here](http://www.3gpp.org/DynaReport/23038.htm).

Additional examples

Multiple binary messages to multiple destinations

**Request**

###### *JSON*

POST /1/sms/binary/multi HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

Accept: application/json

{

"messages":[

{

"from":"InfoSMS", "to":[

"41793026727",

"41793026731"

],

"binary":{

"hex":"54 65 73 74 20 6d 65 73 73 61 67 65 2e",

"dataCoding":0, "esmClass":0

}

},

{

"from":"41793026700", "to":"41793026785",

"binary":{

"hex":"d1 82 d0 b5 d1 81 d1 82 d0 b8 d1 80 d0 b0 d1 9a d0 b5

20 d1 9b d0 b8 d1 80 d0 b8 d0 bb d0 b8 d1 86 d0 b5", "dataCoding":6,

"esmClass":0

}

}

]

}

###### *XML*

POST /1/sms/binary/multi HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/xml

Accept: application/xml

<**request**>

<messages>

<**messages**>

<**from**>InfoSMS</**from**>

<**to**>

<**to**>41793026727</**to**>

<**to**>41793026731</**to**>

</**to**>

<**binary**>

<**hex**>54 65 73 74 20 6d 65 73 73 61 67 65 2e</**hex**>

<**dataCoding**>0</**dataCoding**>

<**esmClass**>0</**esmClass**>

</**binary**>

</**messages**>

<messages>

<**from**>41793026700</**from**>

<**to**>

<**to**>41793026785</**to**>

</**to**>

<**binary**>

<**hex**>d1 82 d0 b5 d1 81 d1 82 d0 b8 d1 80 d0 b0 d1 9a d0 b5 20 d1 9b d0 b8 d1 80 d0 b8 d0 bb d0 b8 d1 86 d0 b5</**hex**>

<**dataCoding**>6</**dataCoding**>

<**esmClass**>0</**esmClass**>

</**binary**>

</**messages**>

</**messages**>

</**request**>

###### *cURL*

curl -X POST \

-H 'Content-Type: application/json' \

-H 'Accept: application/json' \

-H 'Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' \

-d '{

"messages":[

{

"from":"InfoSMS", "to":[

"41793026727",

"41793026731"

],

"binary":{

"hex":"54 65 73 74 20 6d 65 73 73 61 67 65 2e",

"dataCoding":0, "esmClass":0

}

},

{

"from":"41793026700",

"to":"41793026785",

"binary":{

"hex":"d1 82 d0 b5 d1 81 d1 82 d0 b8 d1 80 d0 b0 d1 9a d0 b5 20 d1 9b d0 b8 d1 80 d0 b8 d0 bb d0 b8 d1 86 d0 b5",

"dataCoding":6, "esmClass":0

}

}

]

}' <http://107.20.199.106/restapi/1/sms/binary/multi>

###### *PHP*

<?php

$**request** = **new** HttpRequest();

$**request**->setUrl(['http://107.20.199.106/restapi/sms/1/binary/multi');](http://107.20.199.106/restapi/sms/1/binary/multi%27)%3B)

$**request**->setMethod(HTTP\_METH\_POST);

$**request**->setHeaders(**array**( 'accept' => 'application/json',

'content-type' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

$**request**->setBody('{ "messages":[

{

"from":"InfoSMS", "to":[

"41793026727",

"41793026731"

],

"binary":{

"hex":"54 65 73 74 20 6d 65 73 73 61 67 65 2e",

"dataCoding":0, "esmClass":0

}

},

{

"from":"41793026700", "to":"41793026785",

"binary":{

"hex":"d1 82 d0 b5 d1 81 d1 82 d0 b8 d1 80 d0 b0 d1 9a d0 b5

20 d1 9b d0 b8 d1 80 d0 b8 d0 bb d0 b8 d1 86 d0 b5", "dataCoding":6,

"esmClass":0

}

}

]

}');

try {

$**response** = $**request**->send();

echo $**response**->getBody();

} catch (HttpException $ex) { echo $ex;

}

###### *Ruby*

require 'uri' require 'net/http'

url = URI(["http://107.20.199.106/restapi/sms/1/binary/multi](http://107.20.199.106/restapi/sms/1/binary/multi)")

http = Net::HTTP.**new**(url.host, url.port) http.use\_ssl = true

http.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

**request** = Net::HTTP::Post.**new**(url)

**request**["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

**request**["content-type"] = 'application/json'

**request**["accept"] = 'application/json'

**request**.body = "{\"messages\":[{\"from\":\"InfoSMS\", \"**to**\": [\"41793026727\", \"41793026731\"], \"binary\":{\"**hex**\":\"54 65 73 74 20

6d 65 73 73 61 67 65 2e\", \"dataCoding\":0, \"esmClass\":0}},

{\"from\":\"41793026700\", \"**to**\":\"41793026785\", \"binary\":

{\"**hex**\":\"d1 82 d0 b5 d1 81 d1 82 d0 b8 d1 80 d0 b0 d1 9a d0 b5 20 d1 9b d0 b8 d1 80 d0 b8 d0 bb d0 b8 d1 86 d0 b5\", \"dataCoding\":6,

\"esmClass\":0}}]}"

**response** = http.**request**(**request**) puts **response**.read\_body

###### *Python*

import http.client

conn = http.client.httpConnection("107.20.199.106") payload = "{**\"**messages**\"**:[{**\"**from**\"**:**\"**InfoSMS**\"**, **\"**to**\"**:

[**\"**41793026727**\"**, **\"**41793026731**\"**], **\"**binary**\"**:{**\"**hex**\"**:**\"**54 65 73 74 20

6d 65 73 73 61 67 65 2e**\"**, **\"**dataCoding**\"**:0, **\"**esmClass**\"**:0}},

{**\"**from**\"**:**\"**41793026700**\"**, **\"**to**\"**:**\"**41793026785**\"**, **\"**binary**\"**:

{**\"**hex**\"**:**\"**d1 82 d0 b5 d1 81 d1 82 d0 b8 d1 80 d0 b0 d1 9a d0 b5 20 d1 9b d0 b8 d1 80 d0 b8 d0 bb d0 b8 d1 86 d0 b5**\"**, **\"**dataCoding**\"**:6,

**\"**esmClass**\"**:0}}]}"

headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'content-type': "application/json",

'accept': "application/json"

}

conn.request("POST", "/restapi/sms/1/binary/multi", payload, headers) res = conn.getresponse()

data = res.read() print(data.decode("utf-8"))

###### *Java*

HttpResponse<String> response = [Unirest.post("http://107.20.199.106/restapi/sms/1/binary/multi](http://107.20.199.106/restapi/sms/1/binary/multi)")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("content-type", "application/json")

.header("accept", "application/json")

.body("{**\"**messages**\"**:[{**\"**from**\"**:**\"**InfoSMS**\"**, **\"**to**\"**:[**\"**41793026727**\"**,

**\"**41793026731**\"**], **\"**binary**\"**:{**\"**hex**\"**:**\"**54 65 73 74 20 6d 65 73 73 61 67

65 2e**\"**, **\"**dataCoding**\"**:0, **\"**esmClass**\"**:0}}, {**\"**from**\"**:**\"**41793026700**\"**,

**\"**to**\"**:**\"**41793026785**\"**, **\"**binary**\"**:{**\"**hex**\"**:**\"**d1 82 d0 b5 d1 81 d1 82 d0 b8 d1 80 d0 b0 d1 9a d0 b5 20 d1 9b d0 b8 d1 80 d0 b8 d0 bb d0 b8 d1 86 d0 b5**\"**, **\"**dataCoding**\"**:6, **\"**esmClass**\"**:0}}]}")

.asString();

###### *C#*

var client = **new**

RestClient(["http://107.20.199.106/restapi/sms/1/binary/multi](http://107.20.199.106/restapi/sms/1/binary/multi)");

var **request** = **new** RestRequest(Method.POST); **request**.AddHeader("accept", "application/json"); **request**.AddHeader("content-type", "application/json"); **request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=="); **request**.AddParameter("application/json", "{\"messages\": [{\"from\":\"InfoSMS\", \"**to**\":[\"41793026727\", \"41793026731\"],

\"binary\":{\"**hex**\":\"54 65 73 74 20 6d 65 73 73 61 67 65 2e\",

\"dataCoding\":0, \"esmClass\":0}}, {\"from\":\"41793026700\",

\"**to**\":\"41793026785\", \"binary\":{\"**hex**\":\"d1 82 d0 b5 d1 81 d1 82 d0 b8 d1 80 d0 b0 d1 9a d0 b5 20 d1 9b d0 b8 d1 80 d0 b8 d0 bb d0 b8 d1 86 d0 b5\", \"dataCoding\":6, \"esmClass\":0}}]}", ParameterType.RequestBody);

IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = **JSON**.stringify({ "messages": [

{

"from": "InfoSMS", "to": [

"41793026727",

"41793026731"

],

"binary": {

"hex": "54 65 73 74 20 6d 65 73 73 61 67 65 2e",

"dataCoding": 0,

"esmClass": 0

}

},

{

"from": "41793026700",

"to": "41793026785",

"binary": {

"hex": "d1 82 d0 b5 d1 81 d1 82 d0 b8 d1 80 d0 b0 d1 9a d0 b5 20 d1 9b d0 b8 d1 80 d0 b8 d0 bb d0 b8 d1 86 d0 b5",

"dataCoding": 6,

"esmClass": 0

}

}

]

});

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("POST", ["http://107.20.199.106/restapi/sms/1/binary/multi](http://107.20.199.106/restapi/sms/1/binary/multi)"); xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

xhr.setRequestHeader("content-type", "application/json"); xhr.setRequestHeader("accept", "application/json");

xhr.send(data);

**Response**

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"bulkId":"1036A4cb-803a-4a73-a5a6-7e4fc3791722",

"messages":[

{

"to":"41793026727",

"status":{

"groupId":7, "groupName":"PENDING", "id":7, "name":"PENDING\_ENROUTE",

"description":"Message sent to next instance"

},

"smsCount":1,

"messageId":"1254df3e-ab62-15af5-230b-14d8e65c7540"

},

{

"to":"41793026731",

"status":{

"groupId":1, "groupName":"PENDING", "id":7, "name":"PENDING\_ENROUTE",

"description":"Message sent to next instance"

},

"smsCount":1,

"messageId":"a5b7df3e-1b62-4af5-840b-1b5de65c2ad7"

},

{

"to":"41793026785",

"status":{

"groupId":1, "groupName":"PENDING", "id":7, "name":"PENDING\_ENROUTE",

"description":"Message sent to next instance"

},

"smsCount":1,

"messageId":"1877df3e-4b62-46f5-819b-14d8e65c2291"

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<SMSResponse>

<**bulkId**>1036A4cb-803a-4a73-a5a6-7e4fc3791722</**bulkId**>

<messages>

<**messages**>

<**to**>41793026727</**to**>

<**status**>

<**groupId**>1</**groupId**>

<**groupName**>PENDING</**groupName**>

<**id**>7</**id**>

<**name**>PENDING\_ENROUTE</**name**>

<**description**>Message sent to next instance</**description**>

</**status**>

<**smsCount**>1</**smsCount**>

<**messageId**>1254df3e-ab62-15af5-230b-14d8e65c7540</**messageId**>

</**messages**>

<messages>

<**to**>41793026731</**to**>

<**status**>

<**groupId**>1</**groupId**>

<**groupName**>PENDING</**groupName**>

<**id**>7</**id**>

<**name**>PENDING\_ENROUTE</**name**>

<**description**>Message sent to next instance</**description**>

</**status**>

<**smsCount**>1</**smsCount**>

<**messageId**>a5b7df3e-1b62-4af5-840b-1b5de65c2ad7</**messageId**>

</**messages**>

<messages>

<**to**>41793026785</**to**>

<**status**>

<**groupId**>1</**groupId**>

<**groupName**>PENDING</**groupName**>

<**id**>7</**id**>

<**name**>PENDING\_ENROUTE</**name**>

<**description**>Message sent to next instance</**description**>

</**status**>

<**smsCount**>1</**smsCount**>

<**messageId**>1877df3e-4b62-46f5-819b-14d8e65c2291</**messageId**>

</**messages**>

</**messages**>

</**SMSResponse**>

## Delivery reports

###### *This method allows you to get one time delivery reports for sent SMS.*

**Definition**

<http://107.20.199.106/restapi/sms/1/reports>

|  |  |  |
| --- | --- | --- |
| **Parameters**  **Parameter** | **Type** | **Description** |
| *bulkId* | String | The ID that uniquely identifies the request. Bulk ID will be received only when |

|  |  |  |
| --- | --- | --- |
|  | | you send a message to more than one destination address. |
| *messageId* | String | The ID that uniquely identifies the message sent. |
| *limit* | String | The maximum number of returned delivery reports. |

Examples

GET /restapi/sms/1/reports HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

**Result Format**

{

"results":[

{

"bulkId":"8c20f086-d82b-48cc-b2b3-3ca5f7aca9fb", "messageId":"ff4804ef-6ab6-4abd-984d-ab3b1387e852", "to":"385981178",

"sentAt":"2015-02-12T09:58:20.323+0100", "doneAt":"2015-02-12T09:58:20.337+0100",

"smsCount":1,

"price":{

"pricePerMessage":0.01, "currency":"EUR"

},

"status":{

"id":5,

"groupId":3, "groupName":"DELIVERED", "name":"DELIVERED\_TO\_HANDSET",

"description":"Message delivered to handset"

},

"error":{

"groupId":0, "groupName":"OK", "id":0, "name":"NO\_ERROR",

"description":"No Error",

"permanent":false

}

}

]

}

### Response format

On success, response header HTTP status code will be 200 OK and delivery reports will be returned in the response body.

If you try to send a message without authorization, you will get a response with HTTP status code 401 Unauthorized .

**SMSReportResponse**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *results* | SentSMSReport[] | Collection of reports, one per every message. |

**SentSMSReport**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *bulkId* | String | Bulk ID. |
| *messageId* | String | Message ID. |
| *to* | String | Destination address. |
| *sentAt* | Date | Tells when the SMS was sent. Has the following format: yyyy-MM- |
|  |  | dd'T'HH:mm:ss.SSSZ . |
| *doneAt* | Date | Tells when the SMS was finished processing by the platform (ie. delivered to destination, delivered to destination network, etc.) |
| *smsCount* | int | Number of parts the sent SMS was split into. |
| *price* | Price | Sent SMS price. |
| *status* | Status | Indicates whether the message is successfully sent, not sent, delivered, not delivered, waiting for delivery or any other possible status. |

*error* Error Indicates whether the error occurred during the query execution.

**Price**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *pricePerMessage* | BigDecimal | Price per one SMS. |
| *currency* | String | The currency in which the price is expressed. |

**Status**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *groupId* | int | Status group ID. |
| *groupName* | String | Status group name. |
| *id* | int | Status ID. |
| *name* | String | Status name. |
| *description* | String | Human readable description of the status. |
| *action* | String | Action that should be taken to eliminate the error. |

**Error**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *groupId* | int | Error group ID. |
| *groupName* | String | Error group name. |
| *id* | int | Error ID. |
| *name* | String | Error name. |
| *description* | String | Human readable description of the error. |
| *permanent* | boolean | Tells if the error is permanent. |

Additional examples

Getting reports without any query parameter

**Request**

###### *JSON*

GET /restapi/sms/1/reports HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

###### *XML*

GET /restapi/sms/1/reports HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==

Accept: application/xml

###### *cURL*

curl -X GET \

-H 'Accept: application/json' \

-H "Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==" \<http://107.20.199.106/restapi/sms/1/reports>

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/sms/1/reports');](http://107.20.199.106/restapi/sms/1/reports%27)%3B)

$request->setMethod(HTTP\_METH\_GET);

$request->setHeaders(**array**( 'accept' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

**echo** $ex;

}

###### *Ruby*

**require** 'uri'

**require** 'net/http'

url = URI(["http://107.20.199.106/restapi/sms/1/reports](http://107.20.199.106/restapi/sms/1/reports)")

**http** = Net::HTTP.**new**(url.host, url.port)

**http**.use\_ssl = true

**http**.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

request = Net::HTTP::Get.**new**(url)

request["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' request["accept"] = 'application/json'

response = **http**.request(request) puts response.read\_body

###### *Python*

import **http**.client

conn = **http**.client.httpConnection("107.20.199.106") headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'accept': "application/json"

}

conn.request("GET", "/restapi/sms/1/reports", headers=headers) res = conn.getresponse()

data = res.**read**() print(data.decode("utf-8"))

###### *Java*

HttpResponse<String> response = Unirest.get(["http://107.20.199.106/restapi/sms/1/reports](http://107.20.199.106/restapi/sms/1/reports)")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("accept", "application/json")

.asString();

###### *C#*

var client = **new**

RestClient(["http://107.20.199.106/restapi/sms/1/reports](http://107.20.199.106/restapi/sms/1/reports)");

var **request** = **new** RestRequest(Method.**GET**); **request**.AddHeader("accept", "application/json"); **request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = null;

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("GET", ["http://107.20.199.106/restapi/sms/1/reports](http://107.20.199.106/restapi/sms/1/reports)"); xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

xhr.setRequestHeader("accept", "application/json"); xhr.send(data);

**Response**

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"results":[

{

"bulkId":"8c20f086-d82b-48cc-b2b3-3ca5f7aca9fb", "messageId":"ff4804ef-6ab6-4abd-984d-ab3b1387e852", "to":"385981178",

"sentAt":"2015-02-12T09:58:20.323+0100", "doneAt":"2015-02-12T09:58:20.337+0100",

"smsCount":1,

"price":{

"pricePerMessage":0.01, "currency":"EUR"

},

"status":{

"id":5,

"groupId":3, "groupName":"DELIVERED", "name":"DELIVERED\_TO\_HANDSET",

"description":"Message delivered to handset"

},

"error":{

"groupId":0, "groupName":"OK", "id":0, "name":"NO\_ERROR",

"description":"No Error", "permanent":false

}

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<SMSReportResponse>

<**results**>

<**bulkId**>8c20f086-d82b-48cc-b2b3-3ca5f7aca9fb</**bulkId**>

<**messageId**>ff4804ef-6ab6-4abd-984d-ab3b1387e852</**messageId**>

<**to**>385981178</**to**>

<**sentAt**>2015-02-12T09:58:20.323+0100</**sentAt**>

<**doneAt**>2015-02-12T09:58:20.337+0100</**doneAt**>

<**smsCount**>1</**smsCount**>

<**price**>

<**pricePerMessage**>0.01</**pricePerMessage**>

<**currency**>EUR</**currency**>

</**price**>

<**status**>

<**id**>5</**id**>

<**groupId**>3</**groupId**>

<**groupName**>DELIVERED</**groupName**>

<**name**>DELIVERED\_TO\_HANDSET</**name**>

<**description**>Message delivered to handset</**description**>

</**status**>

</**results**>

</SMSReportResponse>

Getting the initial two delivery reports

**Request**

*JSON*

**GET /restapi/sms/1/reports?limit=2 HTTP/1.1**

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

###### *XML*

GET /restapi/sms/1/reports?limit=2 HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==

Accept: application/xml

###### *cURL*

curl -X GET

-H 'Accept: application/json'

-H "Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=="

<http://107.20.199.106/restapi/sms/1/reports?limit=2>

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/sms/1/reports');](http://107.20.199.106/restapi/sms/1/reports%27)%3B)

$request->setMethod(HTTP\_METH\_GET);

$request->setQueryData(**array**( 'limit' => '2'

));

$request->setHeaders(**array**( 'accept' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

**echo** $ex;

}

###### *Ruby*

**require** 'uri'

**require** 'net/http'

url = URI(["http://107.20.199.106/restapi/sms/1/reports?limit=2](http://107.20.199.106/restapi/sms/1/reports?limit=2)")

**http** = Net::HTTP.**new**(url.host, url.port)

**http**.use\_ssl = true

**http**.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

request = Net::HTTP::Get.**new**(url)

request["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' request["accept"] = 'application/json'

response = **http**.request(request)

puts response.read\_body

###### *Python*

import **http**.client

conn = **http**.client.httpConnection("107.20.199.106") headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'accept': "application/json"

}

conn.request("GET", "/restapi/sms/1/reports?limit=2", headers=headers) res = conn.getresponse()

data = res.**read**() print(data.decode("utf-8"))

###### *Java*

HttpResponse<String> response = Unirest.get(["http://107.20.199.106/restapi/sms/1/reports?limit=2](http://107.20.199.106/restapi/sms/1/reports?limit=2)")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("accept", "application/json")

.asString();

###### *C#*

var client = **new**

RestClient(["http://107.20.199.106/restapi/sms/1/reports?limit=2](http://107.20.199.106/restapi/sms/1/reports?limit=2)");

var **request** = **new** RestRequest(Method.**GET**); **request**.AddHeader("accept", "application/json"); **request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = null;

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("GET", ["http://107.20.199.106/restapi/sms/1/reports?limit=2](http://107.20.199.106/restapi/sms/1/reports?limit=2)"); xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

xhr.setRequestHeader("accept", "application/json"); xhr.send(data);

##### Response

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"results":[

{

"bulkId":"80664c0c-e1ca-414d-806a-5caf146463df", "messageId":"bcfb828b-7df9-4e7b-8715-f34f5c61271a", "to":"38598111",

"sentAt":"2015-02-12T09:58:20.323+0100", "doneAt":"2015-02-12T09:58:20.337+0100",

"smsCount":1,

"price":{

"pricePerMessage":0.01, "currency":"EUR"

},

"status":{

"groupId":3, "groupName":"DELIVERED", "id":5, "name":"DELIVERED\_TO\_HANDSET",

"description":"Message delivered to handset"

},

"error":{

"groupId":0, "groupName":"OK", "id":0, "name":"NO\_ERROR",

"description":"No Error", "permanent":false

}

},

{

"bulkId":"08fe4407-c48f-4d4b-a2f4-9ff583c985b8", "messageId":"12db39c3-7822-4e72-a3ec-c87442c0ffc5", "to":"385981112",

"sentAt":"2015-02-12T09:58:20.345+0100", "doneAt":"2015-02-12T09:58:20.350+0100",

"smsCount":1,

"price":{

"pricePerMessage":0.01, "currency":"EUR"

},

"status":{

"groupId":3, "groupName":"DELIVERED", "id":5, "name":"DELIVERED\_TO\_HANDSET",

"description":"Message delivered to handset"

},

"error":{

"groupId":0, "groupName":"OK", "id":0, "name":"NO\_ERROR",

"description":"No Error", "permanent":false

}

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<SMSReportResponse>

<**results**>

<**bulkId**>80664c0c-e1ca-414d-806a-5caf146463df</**bulkId**>

<**messageId**>bcfb828b-7df9-4e7b-8715-f34f5c61271a</**messageId**>

<**to**>38598111</**to**>

<**sentAt**>2015-02-12T09:58:20.323+0100</**sentAt**>

<**doneAt**>2015-02-12T09:58:20.337+0100</**doneAt**>

<**smsCount**>1</**smsCount**>

<**price**>

<**pricePerMessage**>0.01</**pricePerMessage**>

<**currency**>EUR</**currency**>

</**price**>

<**status**>

<**groupId**>3</**groupId**>

<**groupName**>DELIVERED</**groupName**>

<**id**>5</**id**>

<**name**>DELIVERED\_TO\_HANDSET</**name**>

<**description**>Message delivered to handset</**description**>

</**status**>

<**error**>

<**groupId**>0</**groupId**>

<**groupName**>OK</**groupName**>

<**id**>0</**id**>

<**name**>NO\_ERROR</**name**>

<**description**>No Error</**description**>

<**permanent**>false</**permanent**>

</**error**>

</**results**>

<**results**>

<**bulkId**>08fe4407-c48f-4d4b-a2f4-9ff583c985b8</**bulkId**>

<**messageId**>12db39c3-7822-4e72-a3ec-c87442c0ffc5</**messageId**>

<**to**>385981112</**to**>

<**sentAt**>2015-02-12T09:58:20.345+0100</**sentAt**>

<**doneAt**>2015-02-12T09:58:20.350+0100</**doneAt**>

<**smsCount**>1</**smsCount**>

<**price**>

<**pricePerMessage**>0.01</**pricePerMessage**>

<**currency**>EUR</**currency**>

</**price**>

<**status**>

<**groupId**>3</**groupId**>

<**groupName**>DELIVERED</**groupName**>

<**id**>5</**id**>

<**name**>DELIVERED\_TO\_HANDSET</**name**>

<**description**>Message delivered to handset</**description**>

</**status**>

<**error**>

<**groupId**>0</**groupId**>

<**groupName**>OK</**groupName**>

<**id**>0</**id**>

<**name**>NO\_ERROR</**name**>

<**description**>No Error</**description**>

<**permanent**>false</**permanent**>

</**error**>

</**results**>

</SMSReportResponse>

Sent messages logs

*This method allows you to get logs for sent SMS.*

**Definition**

<http://107.20.199.106/restapi/sms/1/logs>

|  |  |  |
| --- | --- | --- |
| **Parameters**  **Parameter** | **Type** | **Description** |
| *from* | String | Sender ID that can be alphanumeric or numeric. |
| *to* | String | The message destination address. |
| *bulkId* | String | The ID that uniquely identifies the request. Bulk ID will be received only when you send a message to more than one destination address. |
| *messageId* | String | The ID that uniquely identifies the message sent. |
| *generalStatus* | String | Sent SMS status group.Indicates whether the message is successfully sent, not sent, delivered, not delivered, waiting for delivery or any other possible status. |
| *sentSince* | DateTime | Lower limit on date and time of sending SMS. |
| *sentUntil* | DateTime | Upper limit on date and time of sending SMS. |
| *limit* | Integer | Maximal number of messages in returned logs. |

|  |  |  |
| --- | --- | --- |
| *mcc* | String | Mobile country code. |
| *mnc* | String | Mobile network code. |

### Examples

GET /restapi/sms/1/logs HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

**Result Format**

{

"results":[

{

"bulkId":"06479ba3-5977-47f6-9346-fee0369bc76b",

"messageId":"1f21d8d7-f306-4f53-9f6e-eddfce9849ea", "to":"41793026727",

"from":"InfoSMS",

"text":"Test SMS.",

"sentAt":"2015-02-23T17:40:31.773+0100", "doneAt":"2015-02-23T17:40:31.787+0100",

"smsCount":1, "mccmnc":"22801", "price":{

"pricePerMessage":0.01, "currency":"EUR"

},

"status":{

"groupId":3, "groupName":"DELIVERED", "id":5, "name":"DELIVERED\_TO\_HANDSET",

"description":"Message delivered to handset"

},

"error":{

"groupId":0, "groupName":"OK", "id":0, "name":"NO\_ERROR",

"description":"No Error", "permanent":false

}

}

]

}

### Response format

##### Important:

**SMS logs are available for the last 48 hours!**

If successful, response header HTTP status code will be 200 OK and the message logs will be returned.

If you try to send message without authorization, you will get a response with HTTP status code 401 Unauthorized .

**SMSLogsResponse**

**Parameter Type Description**

*results* SentSMSLog[] Collection of logs.

**SentSMSLog**

**Parameter Type Description**

*bulkId* String The ID that uniquely identifies the request. *messageId* String The ID that uniquely identifies the message sent. *to* String The message destination address.

*from* String Sender ID that can be alphanumeric or numeric.

*text* String Text of the message that was sent.

*sentAt* Date Tells when the SMS was sent. Has the following format: yyyy-MM- dd'T'HH:mm:ss.SSSZ .

|  |  |  |
| --- | --- | --- |
| *doneAt* | Date | Tells when the SMS was finished processing by the platform (ie. delivered to destination, delivered to destination network, etc.) |
| *smsCount* | int | The number of sent message segments. |
| *mccmnc* | String | Mobile country and network codes. |
| *price* | Price | Sent SMS price. |
| *status* | Status | Indicates whether the message is successfully sent, not sent, delivered, not delivered, waiting for delivery or any other possible status. |
| *error* | Error | Indicates whether the error occurred during the query execution. |
| **Price** |  |  |

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *pricePerMessage* | BigDecimal | Price per one SMS. |
| *currency* | String | The currency in which the price is expressed. |

##### Status

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *groupId* | int | Status group ID. |
| *groupName* | String | Status group name. |
| *id* | int | Status ID. |
| *name* | String | Status name. |
| *description* | String | Human readable description of the status. |
| *action* | String | Action that should be taken to eliminate the error. |

**Error**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *groupId* | int | Error group ID. |
| *groupName* | String | Error group name. |

|  |  |  |
| --- | --- | --- |
| *id* | int | Error ID. |
| *name* | String | Error name. |
| *description* | String | Human readable description of the error. |
| *permanent* | boolean | Tells if the error is permanent. |

Additional examples

Getting logs without any query parameter

**Request**

###### *JSON*

GET /restapi/sms/1/logs HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

###### *XML*

GET /restapi/sms/1/logs HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==

Accept: application/xml

###### *cURL*

curl -X GET

-H 'Accept: application/json'

-H 'Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' <http://107.20.199.106/restapi/sms/1/logs>

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/sms/1/logs');](http://107.20.199.106/restapi/sms/1/logs%27)%3B)

$request->setMethod(HTTP\_METH\_GET);

$request->setHeaders(**array**( 'accept' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

**echo** $ex;

}

###### *Ruby*

**require** 'uri'

**require** 'net/http'

url = URI(["http://107.20.199.106/restapi/sms/1/logs](http://107.20.199.106/restapi/sms/1/logs)")

**http** = Net::HTTP.**new**(url.host, url.port)

**http**.use\_ssl = true

**http**.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

request = Net::HTTP::Get.**new**(url)

request["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' request["accept"] = 'application/json'

response = **http**.request(request) puts response.read\_body

###### *Python*

import **http**.client

conn = **http**.client.httpConnection("107.20.199.106") headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==",

'accept': "application/json"

}

conn.request("GET", "/restapi/sms/1/logs", headers=headers) res = conn.getresponse()

data = res.**read**() print(data.decode("utf-8"))

###### *Java*

HttpResponse<String> response = Unirest.get(["http://107.20.199.106/restapi/sms/1/logs](http://107.20.199.106/restapi/sms/1/logs)")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("accept", "application/json")

.asString();

###### *C#*

var client = **new** RestClient(["http://107.20.199.106/restapi/sms/1/logs](http://107.20.199.106/restapi/sms/1/logs)"); var **request** = **new** RestRequest(Method.**GET**);

**request**.AddHeader("accept", "application/json"); **request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = null;

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("GET", ["http://107.20.199.106/restapi/sms/1/logs](http://107.20.199.106/restapi/sms/1/logs)"); xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=="); xhr.setRequestHeader("accept", "application/json");

xhr.send(data);

##### Response

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"results":[

{

"bulkId":"bafdeb3d-719b-4cce-8762-54d47b40f3c5", "messageId":"07e03aae-fabc-44ad-b1ce-222e14094d70", "to":"41793026727",

"from":"InfoSMS",

"text":"Test SMS.",

"sentAt":"2015-02-23T17:41:11.833+0100", "doneAt":"2015-02-23T17:41:11.843+0100",

"smsCount":1, "mccmnc":"22801", "price":{

"pricePerMessage":0.01, "currency":"EUR"

},

"status":{

"groupId":3, "groupName":"DELIVERED", "id":5, "name":"DELIVERED\_TO\_HANDSET",

"description":"Message delivered to handset"

},

"error":{

"groupId":0, "groupName":"OK", "id":0, "name":"NO\_ERROR",

"description":"No Error", "permanent":false

}

},

{

"bulkId":"06479ba3-5977-47f6-9346-fee0369bc76b",

"messageId":"1f21d8d7-f306-4f53-9f6e-eddfce9849ea", "to":"41793026727",

"from":"InfoSMS",

"text":"Test SMS.",

"sentAt":"2015-02-23T17:40:31.773+0100", "doneAt":"2015-02-23T17:40:31.787+0100",

"smsCount":1, "mccmnc":"22801", "price":{

"pricePerMessage":0.01, "currency":"EUR"

},

"status":{

"groupId":3, "groupName":"DELIVERED", "id":5, "name":"DELIVERED\_TO\_HANDSET",

"description":"Message delivered to handset"

},

"error":{

"groupId":0, "groupName":"OK", "id":0, "name":"NO\_ERROR",

"description":"No Error", "permanent":false

}

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<SMSLogsResponse>

<**results**>

<**results**>

<**bulkId**>7944c32d-bf77-4f41-a752-c3aa89027adc</**bulkId**>

<**messageId**>f97d3b99-fab2-468e-8acf-c8c8792b8ce6</**messageId**>

<**to**>41793026727</**to**>

<**from**>InfoSMS</**from**>

<**text**>Test SMS.</**text**>

<**sentAt**>2015-02-23T17:41:18.020+0100</**sentAt**>

<**doneAt**>2015-02-23T17:41:18.027+0100</**doneAt**>

<**smsCount**>1</**smsCount**>

<**mccmnc**>22801</**mccmnc**>

<**price**>

<**pricePerMessage**>0.0100</**pricePerMessage**>

<**currency**>EUR</**currency**>

</**price**>

<**status**>

<**groupId**>3</**groupId**>

<**groupName**>DELIVERED</**groupName**>

<**id**>5</**id**>

<**name**>DELIVERED\_TO\_HANDSET</**name**>

<**description**>Message delivered to handset</**description**>

</**status**>

<**error**>

<**groupId**>0</**groupId**>

<**groupName**>Ok</**groupName**>

<**id**>0</**id**>

<**name**>NO\_ERROR</**name**>

<**description**>No Error</**description**>

<**permanent**>false</**permanent**>

</**error**>

</**results**>

<**results**>

<**bulkId**>bafdeb3d-719b-4cce-8762-54d47b40f3c5</**bulkId**>

<**messageId**>07e03aae-fabc-44ad-b1ce-222e14094d70</**messageId**>

<**to**>41793026727</**to**>

<**from**>InfoSMS</**from**>

<**text**>Test SMS.</**text**>

<**sentAt**>2015-02-23T17:41:11.833+0100</**sentAt**>

<**doneAt**>2015-02-23T17:41:11.843+0100</**doneAt**>

<**smsCount**>1</**smsCount**>

<**mccmnc**>22801</**mccmnc**>

<**price**>

<**pricePerMessage**>0.0100</**pricePerMessage**>

<**currency**>EUR</**currency**>

</**price**>

<**status**>

<**groupId**>3</**groupId**>

<**groupName**>DELIVERED</**groupName**>

<**id**>5</**id**>

<**name**>DELIVERED\_TO\_HANDSET</**name**>

<**description**>Message delivered to handset</**description**>

</**status**>

<**error**>

<**groupId**>0</**groupId**>

<**groupName**>Ok</**groupName**>

<**id**>0</**id**>

<**name**>NO\_ERROR</**name**>

<**description**>No Error</**description**>

<**permanent**>false</**permanent**>

</**error**>

</**results**>

</**results**>

</SMSLogsResponse>

Getting logs with from , to and limit as filters

##### Request

###### *JSON*

GET /restapi/sms/1/logs?from=InfoSMS&to=41793026727&limit=1 HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

###### *XML*

POST /restapi/sms/1/logs?from=InfoSMS&to=41793026727&limit=1 HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==

Accept: application/xml

###### *cURL*

curl -X GET \

-H 'Accept: application/json' \

-H 'Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' \ [http://107.20.199.106/restapi/sms/1/logs?](http://107.20.199.106/restapi/sms/1/logs) from=InfoSMS&to=41793026727&limit=1

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/sms/1/logs');](http://107.20.199.106/restapi/sms/1/logs%27)%3B)

$request->setMethod(HTTP\_METH\_GET);

$request->setQueryData(**array**( 'from' => 'InfoSMS',

'to' => '41793026727',

'limit' => '1'

));

$request->setHeaders(**array**( 'accept' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

**echo** $ex;

}

###### *Ruby*

**require** 'uri'

**require** 'net/http'

url = URI(["http://107.20.199.106/restapi/sms/1/logs?](http://107.20.199.106/restapi/sms/1/logs) from=InfoSMS&to=41793026727&limit=1")

**http** = Net::HTTP.**new**(url.host, url.port)

**http**.use\_ssl = true

**http**.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

request = Net::HTTP::Get.**new**(url)

request["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' request["accept"] = 'application/json'

response = **http**.request(request)

puts response.read\_body

###### *Python*

import **http**.client

conn = **http**.client.httpConnection("107.20.199.106") headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'accept': "application/json"

}

conn.request("GET", "/restapi/sms/1/logs? from=InfoSMS&to=41793026727&limit=1", headers=headers)

res = conn.getresponse() data = res.**read**()

print(data.decode("utf-8"))

###### *Java*

HttpResponse<String> response = Unirest.get(["http://107.20.199.106/restapi/sms/1/logs?](http://107.20.199.106/restapi/sms/1/logs) from=InfoSMS&to=41793026727&limit=1")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("accept", "application/json")

.asString();

###### *C#*

var client = **new** RestClient(["http://107.20.199.106/restapi/sms/1/logs?](http://107.20.199.106/restapi/sms/1/logs) from=InfoSMS&to=41793026727&limit=1");

var **request** = **new** RestRequest(Method.**GET**); **request**.AddHeader("accept", "application/json"); **request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = null;

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("GET", ["http://107.20.199.106/restapi/sms/1/logs?](http://107.20.199.106/restapi/sms/1/logs) from=InfoSMS&to=41793026727&limit=1"); xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=="); xhr.setRequestHeader("accept", "application/json");

xhr.send(data);

##### Response

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"results":[

{

"bulkId":"82d1d36e-e4fb-4194-8b93-caeb053bd327", "messageId":"fc0cbfb8-7a72-40da-a76d-e2c2d9400835", "to":"41793026727",

"from":"InfoSMS",

"text":"Test SMS.",

"sentAt":"2015-02-23T17:42:05.390+0100", "doneAt":"2015-02-23T17:42:05.390+0100",

"smsCount":1, "mccmnc":"22801", "price":{

"pricePerMessage":0, "currency":"EUR"

},

"status":{

"groupId":5, "groupName":"REJECTED", "id":6, "name":"REJECTED\_NETWORK",

"description":"Network is forbidden", "action":"Contact account manager"

},

"error":{

"groupId":0, "groupName":"OK", "id":0, "name":"NO\_ERROR",

"description":"No Error", "permanent":false

}

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<SMSLogsResponse>

<**results**>

<**results**>

<**bulkId**>82d1d36e-e4fb-4194-8b93-caeb053bd327</**bulkId**>

<**messageId**>fc0cbfb8-7a72-40da-a76d-e2c2d9400835</**messageId**>

<**to**>41793026727</**to**>

<**from**>InfoSMS</**from**>

<**text**>Test SMS.</**text**>

<**sentAt**>2015-02-23T17:42:05.390+0100</**sentAt**>

<**doneAt**>2015-02-23T17:42:05.390+0100</**doneAt**>

<**smsCount**>1</**smsCount**>

<**mccmnc**>22801</**mccmnc**>

<**price**>

<**pricePerMessage**>0.0000</**pricePerMessage**>

<**currency**>EUR</**currency**>

</**price**>

<**status**>

<**groupId**>5</**groupId**>

<**groupName**>REJECTED</**groupName**>

<**id**>6</**id**>

<**name**>REJECTED\_NETWORK</**name**>

<**description**>Network is forbidden</**description**>

<**action**>Contact account manager</**action**>

</**status**>

<**error**>

<**groupId**>0</**groupId**>

<**groupName**>OK</**groupName**>

<**id**>0</**id**>

<**name**>NO\_ERROR</**name**>

<**description**>No Error</**description**>

<**permanent**>false</**permanent**>

</**error**>

</**results**>

</**results**>

</SMSLogsResponse>

Getting logs with multiple bulkIds as filters

**Request**

*JSON*

**GET /restapi/sms/1/logs?bulkId=1dece649-6c8f-404e-8c6e- c7e073be509a,bafdeb3d-719b-4cce-8762-54d47b40f3c5 HTTP/1.1** Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

###### *XML*

POST /restapi/sms/1/logs?bulkId=1dece649-6c8f-404e-8c6e- c7e073be509a,bafdeb3d-719b-4cce-8762-54d47b40f3c5 HTTP/1.1 Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==

Accept: application/xml

###### *cURL*

curl -X GET

-H 'Accept: application/json'

-H 'Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' <http://107.20.199.106/restapi/sms/1/logs?bulkId=1dece649-6c8f-404e-8c6e-> c7e073be509a,bafdeb3d-719b-4cce-8762-54d47b40f3c5

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/sms/1/logs');](http://107.20.199.106/restapi/sms/1/logs%27)%3B)

$request->setMethod(HTTP\_METH\_GET);

$request->setQueryData(**array**(

'bulkId' => '1dece649-6c8f-404e-8c6e-c7e073be509a,bafdeb3d-719b-4cce- 8762-54d47b40f3c5'

));

$request->setHeaders(**array**( 'accept' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

**echo** $ex;

}

###### *Ruby*

**require** 'uri'

**require** 'net/http'

url = URI(["http://107.20.199.106/restapi/sms/1/logs?bulkId=1dece649-](http://107.20.199.106/restapi/sms/1/logs?bulkId=1dece649-) 6c8f-404e-8c6e-c7e073be509a%2Cbafdeb3d-719b-4cce-8762-54d47b40f3c5")

**http** = Net::HTTP.**new**(url.host, url.port)

**http**.use\_ssl = true

**http**.verify\_mode = OpenSSL::SSL::VERIFY\_NONE request = Net::HTTP::Get.**new**(url)

request["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' request["accept"] = 'application/json'

response = **http**.request(request) puts response.read\_body

###### *Python*

import **http**.client

conn = **http**.client.httpConnection("107.20.199.106") headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'accept': "application/json"

}

conn.request("GET", "/restapi/sms/1/logs?bulkId=1dece649-6c8f-404e-8c6e- c7e073be509a%2Cbafdeb3d-719b-4cce-8762-54d47b40f3c5", headers=headers)

res = conn.getresponse() data = res.**read**()

print(data.decode("utf-8"))

###### *Java*

HttpResponse<String> response = Unirest.get(["http://107.20.199.106/restapi/sms/1/logs?bulkId=1dece649-](http://107.20.199.106/restapi/sms/1/logs?bulkId=1dece649-) 6c8f-404e-8c6e-c7e073be509a%2Cbafdeb3d-719b-4cce-8762-54d47b40f3c5")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("accept", "application/json")

.asString();

###### *C#*

var client = **new** RestClient(["http://107.20.199.106/restapi/sms/1/logs?](http://107.20.199.106/restapi/sms/1/logs) bulkId=1dece649-6c8f-404e-8c6e-c7e073be509a%2Cbafdeb3d-719b-4cce-8762- 54d47b40f3c5");

var **request** = **new** RestRequest(Method.**GET**);

**request**.AddHeader("accept", "application/json");

**request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = null;

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("GET", ["http://107.20.199.106/restapi/sms/1/logs?](http://107.20.199.106/restapi/sms/1/logs) bulkId=1dece649-6c8f-404e-8c6e-c7e073be509a%2Cbafdeb3d-719b-4cce-8762- 54d47b40f3c5");

xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=="); xhr.setRequestHeader("accept", "application/json");

xhr.send(data);

##### Response

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"results":[

{

"bulkId":"bafdeb3d-719b-4cce-8762-54d47b40f3c5", "messageId":"07e03aae-fabc-44ad-b1ce-222e14094d70", "to":"41793026727",

"from":"InfoSMS",

"text":"Test SMS.",

"sentAt":"2015-02-23T17:41:11.833+0100",

"doneAt":"2015-02-23T17:41:11.843+0100",

"smsCount":1, "mccmnc":"22801", "price":{

"pricePerMessage":0.01, "currency":"EUR"

},

"status":{

"groupId":3, "groupName":"DELIVERED", "id":5, "name":"DELIVERED\_TO\_HANDSET",

"description":"Message delivered to handset"

},

"error":{

"groupId":0, "groupName":"OK", "id":0, "name":"NO\_ERROR",

"description":"No Error", "permanent":false

}

},

{

"bulkId":"1dece649-6c8f-404e-8c6e-c7e073be509a", "messageId":"faa48fe6-fe2c-4f36-a43b-a070e2906ecb", "to":"41793026727",

"from":"InfoSMS",

"text":"Test SMS.",

"sentAt":"2015-02-23T16:22:37.413+0100", "doneAt":"2015-02-23T16:22:37.437+0100",

"smsCount":1, "mccmnc":"22801", "price":{

"pricePerMessage":0, "currency":"EUR"

},

"status":{

"groupId":2, "groupName":"UNDELIVERABLE", "id":9,

"name":"UNDELIVERABLE\_NOT\_DELIVERED",

"description":"Message sent not delivered"

},

"error":{

"groupId":0,

"groupName":"OK", "id":0, "name":"NO\_ERROR",

"description":"No Error", "permanent":false

}

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<SMSLogsResponse>

<**results**>

<**results**>

<**bulkId**>bafdeb3d-719b-4cce-8762-54d47b40f3c5</**bulkId**>

<**messageId**>07e03aae-fabc-44ad-b1ce-222e14094d70</**messageId**>

<**to**>41793026727</**to**>

<**from**>InfoSMS</**from**>

<**text**>Test SMS.</**text**>

<**sentAt**>2015-02-23T17:41:11.833+0100</**sentAt**>

<**doneAt**>2015-02-23T17:41:11.843+0100</**doneAt**>

<**smsCount**>1</**smsCount**>

<**mccmnc**>22801</**mccmnc**>

<**price**>

<**pricePerMessage**>0.0100</**pricePerMessage**>

<**currency**>EUR</**currency**>

</**price**>

<**status**>

<**groupId**>3</**groupId**>

<**groupName**>DELIVERED</**groupName**>

<**id**>5</**id**>

<**name**>DELIVERED\_TO\_HANDSET</**name**>

<**description**>Message delivered to handset</**description**>

</**status**>

<**error**>

<**groupId**>0</**groupId**>

<**groupName**>OK</**groupName**>

<**id**>0</**id**>

<**name**>NO\_ERROR</**name**>

<**description**>No Error</**description**>

<**permanent**>false</**permanent**>

</**error**>

</**results**>

<**results**>

<**bulkId**>1dece649-6c8f-404e-8c6e-c7e073be509a</**bulkId**>

<**messageId**>faa48fe6-fe2c-4f36-a43b-a070e2906ecb</**messageId**>

<**to**>41793026727</**to**>

<**from**>InfoSMS</**from**>

<**text**>Test SMS.</**text**>

<**sentAt**>2015-02-23T16:22:37.413+0100</**sentAt**>

<**doneAt**>2015-02-23T16:22:37.437+0100</**doneAt**>

<**smsCount**>1</**smsCount**>

<**mccmnc**>22801</**mccmnc**>

<**price**>

<**pricePerMessage**>0.0000</**pricePerMessage**>

<**currency**>EUR</**currency**>

</**price**>

<**status**>

<**groupId**>2</**groupId**>

<**groupName**>UNDELIVERABLE</**groupName**>

<**id**>9</**id**>

<**name**>UNDELIVERABLE\_NOT\_DELIVERED</**name**>

<**description**>Message sent not delivered</**description**>

</**status**>

<**error**>

<**groupId**>0</**groupId**>

<**groupName**>OK</**groupName**>

<**id**>0</**id**>

<**name**>NO\_ERROR</**name**>

<**description**>No Error</**description**>

<**permanent**>false</**permanent**>

</**error**>

</**results**>

</**results**>

</SMSLogsResponse>

Getting logs with date range and general status as filters

##### Request

###### *JSON*

GET /restapi/sms/1/logs?sentSince=2015-02-

**22T17:42:05.390%2b01:00&generalStatus=DELIVERED HTTP/1.1**

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

###### *XML*

POST /restapi/sms/1/logs?sentSince=2015-02- 22T17:42:05.390%2b01:00&generalStatus=DELIVERED HTTP/1.1 Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==

Accept: application/xml

###### *cURL*

curl -X GET

-H 'Accept: application/json'

-H 'Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' <http://107.20.199.106/restapi/sms/1/logs?sentSince=2015-02-> 22T17:42:05.390%2b01:00&generalStatus=DELIVERED

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/sms/1/logs');](http://107.20.199.106/restapi/sms/1/logs%27)%3B)

$request->setMethod(HTTP\_METH\_GET);

$request->setQueryData(**array**(

'sentSince' => '2015-02-22T17:42:05.390+01:00',

'generalStatus' => 'DELIVERED'

));

$request->setHeaders(**array**( 'accept' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

**echo** $ex;

}

###### *Ruby*

**require** 'uri'

**require** 'net/http'

url = URI(["http://107.20.199.106/restapi/sms/1/logs?sentSince=2015-02-](http://107.20.199.106/restapi/sms/1/logs?sentSince=2015-02-) 22T17%3A42%3A05.390%2B01%3A00&generalStatus=DELIVERED")

**http** = Net::HTTP.**new**(url.host, url.port)

**http**.use\_ssl = true

**http**.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

request = Net::HTTP::Get.**new**(url)

request["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' request["accept"] = 'application/json'

response = **http**.request(request) puts response.read\_body

###### *Python*

import http.client

conn = http.client.httpConnection("107.20.199.106") headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'accept': "application/json"

}

conn.request("GET", "/restapi/sms/1/logs?sentSince=2015-02- 22T17%3A42%3A05.390%2B01%3A00&generalStatus=DELIVERED", headers=headers)

res = conn.getresponse() data = res.**read**()

**print**(data.decode("utf-8"))

###### *Java*

HttpResponse<String> response = Unirest.get(["http://107.20.199.106/restapi/sms/1/logs?sentSince=2015-02-](http://107.20.199.106/restapi/sms/1/logs?sentSince=2015-02-) 22T17%3A42%3A05.390%2B01%3A00&generalStatus=DELIVERED")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("accept", "application/json")

.asString();

###### *C#*

var client = **new** RestClient(["http://107.20.199.106/restapi/sms/1/logs?](http://107.20.199.106/restapi/sms/1/logs) sentSince=2015-02- 22T17%3A42%3A05.390%2B01%3A00&generalStatus=DELIVERED");

var **request** = **new** RestRequest(Method.**GET**); **request**.AddHeader("accept", "application/json"); **request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = null;

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("GET", ["http://107.20.199.106/restapi/sms/1/logs?](http://107.20.199.106/restapi/sms/1/logs) sentSince=2015-02- 22T17%3A42%3A05.390%2B01%3A00&generalStatus=DELIVERED");

xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=="); xhr.setRequestHeader("accept", "application/json");

xhr.send(data);

##### Response

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"results":[

{

"bulkId":"ce166d0e-bac7-4639-a094-52c406852afd", "messageId":"fdf71ada-3308-4cd1-9962-31f2b937a1d0", "to":"41793026727",

"from":"InfoSMS",

"text":"Test SMS.",

"sentAt":"2015-02-24T10:34:56.463+0100", "doneAt":"2015-02-24T10:34:56.480+0100",

"smsCount":1, "mccmnc":"22801", "price":{

"pricePerMessage":0.01, "currency":"EUR"

},

"status":{

"groupId":3, "groupName":"DELIVERED", "id":5, "name":"DELIVERED\_TO\_HANDSET",

"description":"Message delivered to handset"

},

"error":{

"groupId":0, "groupName":"OK", "id":0, "name":"NO\_ERROR",

"description":"No Error", "permanent":false

}

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<SMSLogsResponse>

<**results**>

<**results**>

<**bulkId**>ce166d0e-bac7-4639-a094-52c406852afd</**bulkId**>

<**messageId**>fdf71ada-3308-4cd1-9962-31f2b937a1d0</**messageId**>

<**to**>41793026727</**to**>

<**from**>InfoSMS</**from**>

<**text**>Test SMS.</**text**>

<**sentAt**>2015-02-24T10:34:56.463+0100</**sentAt**>

<**doneAt**>2015-02-24T10:34:56.480+0100</**doneAt**>

<**smsCount**>1</**smsCount**>

<**mccmnc**>22801</**mccmnc**>

<**price**>

<**pricePerMessage**>0.0100</**pricePerMessage**>

<**currency**>EUR</**currency**>

</**price**>

<**status**>

<**groupId**>3</**groupId**>

<**groupName**>DELIVERED</**groupName**>

<**id**>5</**id**>

<**name**>DELIVERED\_TO\_HANDSET</**name**>

<**description**>Message delivered to handset</**description**>

</**status**>

<**error**>

<**groupId**>0</**groupId**>

<**groupName**>OK</**groupName**>

<**id**>0</**id**>

<**name**>NO\_ERROR</**name**>

<**description**>No Error</**description**>

<**permanent**>false</**permanent**>

</**error**>

</**results**>

</**results**>

</SMSLogsResponse>

Advanced SMS methods

Fully featured textual message

*Send advanced SMS with the all available features and parameters.*

**Definition**

<http://107.20.199.106/restapi/sms/1/text/advanced>

|  |  |  |
| --- | --- | --- |
| **Parameters**  **Parameter** | **Type** | **Description** |
| *from* | String | Represents a sender ID which can be alphanumeric or numeric. *Alphanumeric* sender ID length should be between 3 and 11 characters (Example: CompanyName ). *Numeric* sender ID length |
|  |  | should be between 3 and 14 characters. |
| *to* | String[] | **Required.** Array of message destination addresses. If you want to send a message to one destination, a single String is supported instead of an Array. Destination addresses must be in international format (Example: 41793026727 ). |
| *text* | String | Text of the message that will be sent. |
| *bulkId* | String | The ID which uniquely identifies the request. Bulk ID will be received only when you send a message to more than one destination address. |
| *messageId* | String | The ID that uniquely identifies the message sent. |
| *flash* | Boolean | Can be true or false . If the value is set to true , a flash SMS |
|  |  | will be sent. Otherwise, a normal SMS will be sent. The default value is false . |
| *transliteration* | String | Conversion of a message text from one script to another. Possible values: "TURKISH" , "GREEK" , "CYRILLIC" , |
|  |  | "CENTRAL\_EUROPEAN" . |
| *languageCode* | String | Code for language character set of a message text. Possible values: TR for Turkish, ES for Spanish and PT for Portuguese. |

|  |  |  |
| --- | --- | --- |
| *singleShift* | Boolean | Single shift table replacing the GSM 7 bit default alphabet extension table. Find more details [here](http://en.wikipedia.org/wiki/GSM_03.38). |
| *lockingShift* | Boolean | Locking shift table replacing standard GSM 7 bit default alphabet table. Find more details [here](http://en.wikipedia.org/wiki/GSM_03.38). |
| *notifyUrl* | String | The URL on your call back server on which the Delivery report will be sent. |
| *notifyContentType* | String | Preferred Delivery report content type. Can be  application/json or application/xml . |
| *callbackData* | String | Additional client’s data that will be sent on the notifyUrl. |
| *validityPeriod* | Integer | The message validity period in milliseconds. When the period expires, it will not be allowed for the message to be sent. Validity period longer than 48h is not supported (in this case, it will be automatically set to 48h). |
| *sendAt* | DateTime | Date and time when the message is to be sent. Used for scheduled SMS (SMS not sent immediately, but at scheduled time). |
| Examples |  |  |
| *JSON* |  |  |

POST /restapi/sms/1/text/advanced HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

{

"bulkId":"BULK-ID-123-xyz",

"messages":[

{

"from":"InfoSMS", "destinations":[

{

"to":"41793026727",

"messageId":"MESSAGE-ID-123-xyz"

},

{

"to":"41793026731"

}

],

"text":"Artık Ulusal Dil Tanımlayıcısı ile Türkçe karakterli smslerinizi rahatlıkla iletebilirsiniz.",

"flash":false, "language":{

"languageCode":"TR", "singleShift":true, "lockingShift":false

},

"transliteration":"TURKISH", "notifyUrl":["http://www.example.com/sms/advanced](http://www.example.com/sms/advanced)", "notifyContentType":"application/json", "callbackData":"DLR callback data", "validityPeriod": 86400000

},

{

"from":"41793026700",

"destinations":[

{

"to":"41793026785"

}

],

"text":"A long time ago, in a galaxy far, far away... It is a period of civil war. Rebel spaceships, striking from a hidden base, have won their first victory against the evil Galactic Empire.",

"sendAt":"2015-07-07T17:00:00.000+01:00"

}

]

}

###### *XML*

POST /restapi/sms/1/text/advanced HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/xml

<**request**>

<**bulkId**>BULK-ID-123-xyz</**bulkId**>

<messages>

<**from**>InfoSMS</**from**>

<destinations>

<**to**>41793026727</**to**>

<**messageId**>MESSAGE-ID-123-xyz</**messageId**>

</destinations>

<**destinations**>

<**to**>41793026731</**to**>

</destinations>

<**text**>Artık Ulusal Dil Tanımlayıcısı ile Türkçe karakterli smslerinizi rahatlıkla iletebilirsiniz.</**text**>

<**flash**>false</**flash**>

<language>

<**languageCode**>TR</**languageCode**>

<**singleShift**>true</**singleShift**>

<**lockingShift**>false</**lockingShift**>

</**language**>

<**transliteration**>TURKISH</**transliteration**>

<**notifyUrl**[>http://www.example.com/sms/advanced](http://www.example.com/sms/advanced)</**notifyUrl**>

<**notifyContentType**>application/json</**notifyContentType**>

<**callbackData**>DLR callback data</**callbackData**>

<**validityPeriod**>86400000</**validityPeriod**>

</**messages**>

<messages>

<**from**>41793026700</**from**>

<destinations>

<**to**>41793026785</**to**>

</destinations>

<**text**>A long time ago, in a galaxy far, far away... It is a period of civil war. Rebel spaceships, striking from a hidden base, have won their first victory against the evil Galactic Empire.</**text**>

<**sendAt**>2015-07-07T17:00:00.000+01:00</**sendAt**>

</**messages**>

</**request**>

###### *cURL*

curl -X POST \

-H 'Content-Type: application/json' \

-H 'Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' \

-d '{

"bulkId":"BULK-ID-123-xyz",

"messages":[

{

"from":"InfoSMS", "destinations":[

{

"to":"41793026727",

"messageId":"MESSAGE-ID-123-xyz"

},

{

"to":"41793026731"

}

],

"text":"Artık Ulusal Dil Tanımlayıcısı ile Türkçe karakterli smslerinizi rahatlıkla iletebilirsiniz.",

"flash":**false**, "language":{

"singleShift":**true**, "lockingShift":**false**, "languageCode":"TR"

},

"transliteration": "TURKISH" "notify":**true**,

"notifyUrl":["http://www.example.com/sms/advanced](http://www.example.com/sms/advanced)", "notifyContentType":"application/json", "callbackData":"DLR callback data", "validityPeriod": 86400000

},

{

"from":"41793026700",

"destinations":[

{

"to":"41793026785"

}

],

"text":"A long time ago, in a galaxy far, far away... It is a period of civil war. Rebel spaceships, striking from a hidden base, have won their first victory against the evil Galactic Empire."

},

"sendAt":"2015-07-07T17:00:00.000+01:00"

]

}' <http://107.20.199.106/restapi/sms/1/text/advanced>

###### *PHP*

<?php

$**request** = **new** HttpRequest();

$**request**->setUrl(['http://107.20.199.106/restapi/sms/1/text/advanced');](http://107.20.199.106/restapi/sms/1/text/advanced%27)%3B)

$**request**->setMethod(HTTP\_METH\_POST);

$**request**->setHeaders(**array**( 'accept' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==', 'content-type' => 'application/json'

));

$**request**->setBody('{ "bulkId":"BULK-ID-123-xyz",

"messages":[

{

"from":"InfoSMS", "destinations":[

{

"to":"41793026727",

"messageId":"MESSAGE-ID-123-xyz"

},

{

"to":"41793026731"

}

],

"text":"Artık Ulusal Dil Tanımlayıcısı ile Türkçe karakterli smslerinizi rahatlıkla iletebilirsiniz.",

"flash":false, "language":{

"languageCode":"TR", "singleShift":true, "lockingShift":false

},

"transliteration":"TURKISH", "notifyUrl":["http://www.example.com/sms/advanced](http://www.example.com/sms/advanced)", "notifyContentType":"application/json", "callbackData":"DLR callback data", "validityPeriod": 86400000

},

{

"from":"41793026700",

"destinations":[

{

"to":"41793026785"

}

],

"text":"A long time ago, in a galaxy far, far away... It is a period of civil war. Rebel spaceships, striking from a hidden base, have won their first victory against the evil Galactic Empire.",

"sendAt":"2015-07-07T17:00:00.000+01:00"

}

]

}');

try {

$**response** = $**request**->send();

echo $**response**->getBody();

} catch (HttpException $ex) { echo $ex;

}

###### *Ruby*

require 'uri' require 'net/http'

url = [URI("http://107.20.199.106/restapi/sms/1/text/advanced](http://107.20.199.106/restapi/sms/1/text/advanced)")

http = Net::HTTP.new(url.host, url.port) http.use\_ssl = true

http.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

request = Net::HTTP::Post.new(url) request["content-type"] = 'application/json'

request["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' request["accept"] = 'application/json'

request.body = "{**\"**bulkId**\"**:**\"**BULK-ID-123-xyz**\"**, **\"**messages**\"**: [{**\"**from**\"**:**\"**InfoSMS**\"**, **\"**destinations**\"**:[{**\"**to**\"**:**\"**41793026727**\"**,

**\"**messageId**\"**:**\"**MESSAGE-ID-123-xyz**\"**}, {**\"**to**\"**:**\"**41793026731**\"**}],

**\"**text**\"**:**\"**Artık Ulusal Dil Tanımlayıcısı ile Türkçe karakterli smslerinizi rahatlıkla iletebilirsiniz.**\"**, **\"**flash**\"**:false,

**\"**language**\"**:{**\"**languageCode**\"**:**\"**TR**\"**, **\"**singleShift**\"**:true,

**\"**lockingShift**\"**:false}, **\"**transliteration**\"**:**\"**TURKISH**\"**,

**\"**notifyUrl**\"**:**\"**[http://www.example.com/sms/advanced**\**](http://www.example.com/sms/advanced\)**"**,

**\"**notifyContentType**\"**:**\"**application/json**\"**, **\"**callbackData**\"**:**\"**DLR callback data**\"**, **\"**validityPeriod**\"**: 86400000},

{**\"**from**\"**:**\"**41793026700**\"**, **\"**destinations**\"**:[{**\"**to**\"**:**\"**41793026785**\"**}],

**\"**text**\"**:**\"**A long time ago, in a galaxy far, far away... It is a period of civil war. Rebel spaceships, striking from a hidden base, have won their first victory against the evil Galactic Empire.**\"**,**\n \t\t\t**

**\"**sendAt**\"**:**\"**2015-07-07T17:00:00.000+01:00**\"**}]}"

response = http.request(request)

puts response.read\_body

###### *Python*

import http.client

conn = http.client.httpConnection("107.20.199.106") payload = "{**\"**bulkId**\"**:**\"**BULK-ID-123-xyz**\"**, **\"**messages**\"**:

[{**\"**from**\"**:**\"**InfoSMS**\"**, **\"**destinations**\"**:[{**\"**to**\"**:**\"**41793026727**\"**,

**\"**messageId**\"**:**\"**MESSAGE-ID-123-xyz**\"**}, {**\"**to**\"**:**\"**41793026731**\"**}],

**\"**text**\"**:**\"**Artık Ulusal Dil Tanımlayıcısı ile Türkçe karakterli smslerinizi rahatlıkla iletebilirsiniz.**\"**, **\"**flash**\"**:false,

**\"**language**\"**:{**\"**languageCode**\"**:**\"**TR**\"**, **\"**singleShift**\"**:true,

**\"**lockingShift**\"**:false}, **\"**transliteration**\"**:**\"**TURKISH**\"**,

**\"**notifyUrl**\"**:**\"**[http://www.example.com/sms/advanced**\**](http://www.example.com/sms/advanced\)**"**,

**\"**notifyContentType**\"**:**\"**application/json**\"**, **\"**callbackData**\"**:**\"**DLR callback data**\"**, **\"**validityPeriod**\"**: 86400000},

{**\"**from**\"**:**\"**41793026700**\"**, **\"**destinations**\"**:[{**\"**to**\"**:**\"**41793026785**\"**}],

**\"**text**\"**:**\"**A long time ago, in a galaxy far, far away... It is a period of civil war. Rebel spaceships, striking from a hidden base, have won their first victory against the evil Galactic Empire.**\"**,**\n \t\t\t**

**\"**sendAt**\"**:**\"**2015-07-07T17:00:00.000+01:00**\"**}]}"

headers = {

'content-type': "application/json",

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'accept': "application/json"

}

conn.request("POST", "/restapi/sms/1/text/advanced", payload, headers) res = conn.getresponse()

data = res.read() print(data.decode("utf-8"))

###### *Java*

HttpResponse<String> response = [Unirest.post("http://107.20.199.106/restapi/sms/1/text/advanced](http://107.20.199.106/restapi/sms/1/text/advanced)")

.header("content-type", "application/json")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("accept", "application/json")

.body("{**\"**bulkId**\"**:**\"**BULK-ID-123-xyz**\"**, **\"**messages**\"**: [{**\"**from**\"**:**\"**InfoSMS**\"**, **\"**destinations**\"**:[{**\"**to**\"**:**\"**41793026727**\"**,

**\"**messageId**\"**:**\"**MESSAGE-ID-123-xyz**\"**}, {**\"**to**\"**:**\"**41793026731**\"**}],

**\"**text**\"**:**\"**Artık Ulusal Dil Tanımlayıcısı ile Türkçe karakterli smslerinizi rahatlıkla iletebilirsiniz.**\"**, **\"**flash**\"**:false,

**\"**language**\"**:{**\"**languageCode**\"**:**\"**TR**\"**, **\"**singleShift**\"**:true,

**\"**lockingShift**\"**:false}, **\"**transliteration**\"**:**\"**TURKISH**\"**,

**\"**notifyUrl**\"**:**\"**[http://www.example.com/sms/advanced**\**](http://www.example.com/sms/advanced\)**"**,

**\"**notifyContentType**\"**:**\"**application/json**\"**, **\"**callbackData**\"**:**\"**DLR callback data**\"**, **\"**validityPeriod**\"**: 86400000},

{**\"**from**\"**:**\"**41793026700**\"**, **\"**destinations**\"**:[{**\"**to**\"**:**\"**41793026785**\"**}],

**\"**text**\"**:**\"**A long time ago, in a galaxy far, far away... It is a period of civil war. Rebel spaceships, striking from a hidden base, have won their first victory against the evil Galactic Empire.**\"**,**\n \t\t\t**

**\"**sendAt**\"**:**\"**2015-07-07T17:00:00.000+01:00**\"**}]}")

.asString();

###### *C#*

var client = new [RestClient("http://107.20.199.106/restapi/sms/1/text/advanced](http://107.20.199.106/restapi/sms/1/text/advanced)"); var request = new RestRequest(Method.POST); request.AddHeader("accept", "application/json"); request.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

request.AddHeader("content-type", "application/json"); request.AddParameter("application/json", "{**\"**bulkId**\"**:**\"**BULK-ID-123- xyz**\"**, **\"**messages**\"**:[{**\"**from**\"**:**\"**InfoSMS**\"**, **\"**destinations**\"**: [{**\"**to**\"**:**\"**41793026727**\"**, **\"**messageId**\"**:**\"**MESSAGE-ID-123-xyz**\"**},

{**\"**to**\"**:**\"**41793026731**\"**}], **\"**text**\"**:**\"**Artık Ulusal Dil Tanımlayıcısı ile Türkçe karakterli smslerinizi rahatlıkla iletebilirsiniz.**\"**,

**\"**flash**\"**:false, **\"**language**\"**:{**\"**languageCode**\"**:**\"**TR**\"**,

**\"**singleShift**\"**:true, **\"**lockingShift**\"**:false},

**\"**transliteration**\"**:**\"**TURKISH**\"**,

**\"**notifyUrl**\"**:**\"**[http://www.example.com/sms/advanced**\**](http://www.example.com/sms/advanced\)**"**,

**\"**notifyContentType**\"**:**\"**application/json**\"**, **\"**callbackData**\"**:**\"**DLR callback data**\"**, **\"**validityPeriod**\"**: 86400000},

{**\"**from**\"**:**\"**41793026700**\"**, **\"**destinations**\"**:[{**\"**to**\"**:**\"**41793026785**\"**}],

**\"**text**\"**:**\"**A long time ago, in a galaxy far, far away... It is a period of civil war. Rebel spaceships, striking from a hidden base, have won their first victory against the evil Galactic Empire.**\"**,**\n \t\t\t**

**\"**sendAt**\"**:**\"**2015-07-07T17:00:00.000+01:00**\"**}]}",

ParameterType.RequestBody);

IRestResponse response = client.Execute(request);

###### *JavaScript*

**var** data = **JSON**.stringify({ "bulkId": "BULK-ID-123-xyz",

"messages": [

{

"from": "InfoSMS", "destinations": [

{

"to": "41793026727",

"messageId": "MESSAGE-ID-123-xyz"

},

{

"to": "41793026731"

}

],

"text": "Artık Ulusal Dil Tanımlayıcısı ile Türkçe karakterli smslerinizi rahatlıkla iletebilirsiniz.",

"flash": false, "language": {

"languageCode": "TR", "singleShift": true, "lockingShift": false

},

"transliteration": "TURKISH",

"notifyUrl": ["http://www.example.com/sms/advanced](http://www.example.com/sms/advanced)", "notifyContentType": "application/json", "callbackData": "DLR callback data", "validityPeriod": 86400000

},

{

"from": "41793026700",

"destinations": [

{

"to": "41793026785"

}

],

"text": "A long time ago, in a galaxy far, far away... It is a period of civil war. Rebel spaceships, striking from a hidden base, have won their first victory against the evil Galactic Empire.",

"sendAt": "2015-07-07T17:00:00.000+01:00"

}

]

});

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("POST", ["http://107.20.199.106/restapi/sms/1/text/advanced](http://107.20.199.106/restapi/sms/1/text/advanced)"); xhr.setRequestHeader("content-type", "application/json"); xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

xhr.setRequestHeader("accept", "application/json"); xhr.send(data);

##### Result Format

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"bulkId": "BULK-ID-123-xyz",

"messages":[

{

"to":"41793026727",

"status":{

"groupId":0, "groupName":"ACCEPTED", "id":0, "name":"MESSAGE\_ACCEPTED",

"description":"Message accepted"

},

"smsCount":1, "messageId":"MESSAGE-ID-123-xyz"

},

{

"to":"41793026731",

"status":{

"groupId":0, "groupName":"ACCEPTED", "id":0, "name":"MESSAGE\_ACCEPTED",

"description":"Message accepted"

},

"smsCount":1,

"messageId":"9304a5a3ab19-1ca1-be74-76ad87651ed25f35"

},

{

"to":"41793026785",

"status":{

"groupId":0, "groupName":"ACCEPTED", "id":0, "name":"MESSAGE\_ACCEPTED",

"description":"Message accepted"

},

"smsCount":2,

"messageId":"5f35f87a2f19-a141-43a4-91cd81b85f8c689"

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<SendSMSResponse>

<**bulkId**>BULK-ID-123-xyz</**bulkId**>

<messages>

<**messages**>

<**to**>41793026727</**to**>

<**status**>

<**groupId**>0</**groupId**>

<**groupName**>ACCEPTED</**groupName**>

<**id**>0</**id**>

<**name**>MESSAGE\_ACCEPTED</**name**>

<**description**>Message accepted</**description**>

</**status**>

<**smsCount**>1</**smsCount**>

<**messageId**>MESSAGE-ID-123-xyz</**messageId**>

</**messages**>

<messages>

<**to**>41793026731</**to**>

<**status**>

<**groupId**>0</**groupId**>

<**groupName**>ACCEPTED</**groupName**>

<**id**>0</**id**>

<**name**>MESSAGE\_ACCEPTED</**name**>

<**description**>Message accepted</**description**>

</**status**>

<**smsCount**>1</**smsCount**>

<**messageId**>9304a5a3ab19-1ca1-be74-76ad87651ed25f35</**messageId**>

</**messages**>

<messages>

<**to**>41793026785</**to**>

<**status**>

<**groupId**>0</**groupId**>

<**groupName**>ACCEPTED</**groupName**>

<**id**>0</**id**>

<**name**>MESSAGE\_ACCEPTED</**name**>

<**description**>Message accepted</**description**>

</**status**>

<**smsCount**>2</**smsCount**>

<**messageId**>5f35f87a2f19-a141-43a4-91cd81b85f8c689</**messageId**>

</**messages**>

</**messages**>

</SendSMSResponse>

Response format

If successful, response header HTTP status code will be 200 OK and the message will be sent.

If you try to send the message without authorization, you will receive an 401 Unauthorized error .

**SMSResponse**

**Parameter Type Description**

*bulkId* String The ID that uniquely identifies the request. Bulk ID will be

received only when a message is sent to more than one destination address.

*messages* SMSResponseDetails[] Array of sent message objects, one object per every

message.

**SMSResponseDetails**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *to* | String | The message destination address. |
| *status* | Status | Indicates whether the message is sent successfully, not sent, delivered, not delivered, waiting for delivery or any other possible status. |
| *smsCount* | int | The number of sent message segments. |
| *messageId* | String | The ID that uniquely identifies the sent message. |

**Status**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *groupId* | int | Status group ID. |
| *groupName* | String | Status group name. |
| *id* | int | Status ID. |
| *name* | String | Status name. |
| *description* | String | Human readable description of the status. |
| *action* | String | Action that should be taken to eliminate the error. |

Get account balance

*This method allows you to get your account balance.*

**Definition** <http://107.20.199.106/restapi/account/1/balance> **Examples**

###### *JSON*

GET /restapi/account/1/balance HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

###### *XML*

GET /restapi/account/1/balance HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==

Accept: application/xml

###### *cURL*

curl -X GET \

-H 'Accept: application/json' \

-H "Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==" \<http://107.20.199.106/restapi/account/1/balance>

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/account/1/balance');](http://107.20.199.106/restapi/account/1/balance%27)%3B)

$request->setMethod(HTTP\_METH\_GET);

$request->setHeaders(**array**( 'accept' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

**echo** $ex;

}

###### *Ruby*

**require** 'uri'

**require** 'net/http'

url = URI(["http://107.20.199.106/restapi/account/1/balance](http://107.20.199.106/restapi/account/1/balance)")

**http** = Net::HTTP.**new**(url.host, url.port)

**http**.use\_ssl = true

**http**.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

request = Net::HTTP::Get.**new**(url)

request["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' request["accept"] = 'application/json'

response = **http**.request(request) puts response.read\_body

###### *Python*

import **http**.client

conn = **http**.client.httpConnection("107.20.199.106") headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'accept': "application/json"

}

conn.request("GET", "/restapi/account/1/balance", headers=headers) res = conn.getresponse()

data = res.**read**() print(data.decode("utf-8"))

###### *Java*

HttpResponse<String> response = Unirest.get(["http://107.20.199.106/restapi/account/1/balance](http://107.20.199.106/restapi/account/1/balance)")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("accept", "application/json")

.asString();

###### *C#*

var client = **new**

RestClient(["http://107.20.199.106/restapi/account/1/balance](http://107.20.199.106/restapi/account/1/balance)");

var **request** = **new** RestRequest(Method.**GET**); **request**.AddHeader("accept", "application/json"); **request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = null;

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("GET", ["http://107.20.199.106/restapi/account/1/balance](http://107.20.199.106/restapi/account/1/balance)"); xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

xhr.setRequestHeader("accept", "application/json"); xhr.send(data);

##### Result Format

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"balance": 47.79134, "currency": "EUR"

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<AccountBalance>

<**balance**>47.79134</**balance**>

<**currency**>EUR</**currency**>

</AccountBalance>

Response format

On success, response header HTTP status code will be 200 OK and delivery reports will be returned in the response body.

If you try to send a message without authorization, you will get a response with HTTP status code 401 Unauthorized .

**AccountBalance**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *balance* | Double | Account balance. |
| *currency* | String | The currency in which the account balance is expressed. |

Receive SMS

Pull received messages

*This method allows you to pull received messages one time.*

**Definition**

<http://107.20.199.106/restapi/sms/1/inbox/reports>

|  |  |  |
| --- | --- | --- |
| **Parameters**  **Parameter** | **Type** | **Description** |
| *limit* | Integer | Maximum number of received messages that will be returned. |

### Examples

GET /restapi/sms/1/inbox/reports HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

**Result Format**

{

"results":[

{

"messageId":"ff4804ef-6ab6-4abd-984d-ab3b1387e823", "from":"38598111",

"to":"41793026727",

"text":"KEY Test message", "cleanText":"Test message", "keyword":"KEY",

"receivedAt":"2015-02-15T11:43:20.254+0100",

"smsCount":1

}

]

}

##### Important:

In order to pull received messages, first you need a phone number and to **setup a pull action** on that number. Once you retrieve a received message, you will not be able to get the same message

again by using this endpoint.

Response format

If successful, response header HTTP status code will be 200 OK and messages will be returned in the response body.

If you try to get received messages without authorization, you will get a response with HTTP status code 401 Unauthorized .

**SMSResponse**

**Parameter Type Description**

*results* Messages[] Collection of reports, one per every received message.

**Messages**

**Parameter Type Description**

*messageId* String The ID that uniquely identifies the received message.

*from* String Sender ID that can be alphanumeric or numeric.

*to* String The message destination address.

*text* String Full text of the received message.

*cleanText* String Text of received message without a keyword (if a keyword was sent).

*keyword* String Keyword extracted from the message text.

*receivedAt* Date Tells when the message was received on the platform. Has the following format: yyyy-MM-dd'T'HH:mm:ss.SSSXXX .

*smsCount* int The number of sent message segments.

Additional examples

Getting unread received messages without any query parameter

**Request**

###### *JSON*

GET /restapi/sms/1/inbox/reports HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

###### *XML*

GET /restapi/sms/1/inbox/reports HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==

Accept: application/xml

###### *cURL*

curl -X GET \

-H 'Accept: application/json' \

-H "Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==" \<http://107.20.199.106/restapi/sms/1/inbox/reports>

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/sms/1/inbox/reports');](http://107.20.199.106/restapi/sms/1/inbox/reports%27)%3B)

$request->setMethod(HTTP\_METH\_GET);

$request->setHeaders(**array**( 'accept' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

}

###### *Ruby*

**echo** $ex;

**require** 'uri'

**require** 'net/http'

url = URI(["http://107.20.199.106/restapi/sms/1/inbox/reports](http://107.20.199.106/restapi/sms/1/inbox/reports)")

**http** = Net::HTTP.**new**(url.host, url.port)

**http**.use\_ssl = true

**http**.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

request = Net::HTTP::Get.**new**(url)

request["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' request["accept"] = 'application/json'

response = **http**.request(request) puts response.read\_body

###### *Python*

import **http**.client

conn = **http**.client.httpConnection("107.20.199.106") headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'accept': "application/json"

}

conn.request("GET", "/restapi/sms/1/inbox/reports", headers=headers) res = conn.getresponse()

data = res.**read**() print(data.decode("utf-8"))

###### *Java*

HttpResponse<String> response =

Unirest.get(["http://107.20.199.106/restapi/sms/1/inbox/reports](http://107.20.199.106/restapi/sms/1/inbox/reports)")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("accept", "application/json")

.asString();

###### *C#*

var client = **new**

RestClient(["http://107.20.199.106/restapi/sms/1/inbox/reports](http://107.20.199.106/restapi/sms/1/inbox/reports)");

var **request** = **new** RestRequest(Method.**GET**); **request**.AddHeader("accept", "application/json"); **request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = null;

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("GET", ["http://107.20.199.106/restapi/sms/1/inbox/reports](http://107.20.199.106/restapi/sms/1/inbox/reports)"); xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

xhr.setRequestHeader("accept", "application/json"); xhr.send(data);

##### Response

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"results":[

{

"messageId":"ff4804ef-6ab6-4abd-984d-ab3b1387e823", "from":"38598111",

"to":"41793026727",

"text":"KEY Test message", "cleanText":"Test message", "keyword":"KEY",

"receivedAt":"2015-02-15T11:43:20.254+0100",

"smsCount":1

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<MOReportResponse>

<**results**>

<**results**>

<**messageId**>ff4804ef-6ab6-4abd-984d-ab3b1387e823</**messageId**>

<**from**>38598111</**from**>

<**to**>41793026727</**to**>

<**text**>KEY Test message</**text**>

<**cleanText**>Test message</**cleanText**>

<**keyword**>KEY</**keyword**>

<**receivedAt**>2015-02-15T11:43:20.254+0100</**receivedAt**>

<**smsCount**>1</**smsCount**>

</**results**>

</**results**>

</MOReportResponse>

Getting the initial two unread received messages

**Request**

*JSON*

**GET /restapi/sms/1/inbox/reports?limit=2 HTTP/1.1**

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

###### *XML*

GET /restapi/sms/1/inbox/reports?limit=2 HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==

Accept: application/xml

###### *cURL*

curl -X GET

-H 'Accept: application/json'

-H "Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==" <http://107.20.199.106/restapi/sms/1/inbox/reports?limit=2>

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/sms/1/inbox/reports');](http://107.20.199.106/restapi/sms/1/inbox/reports%27)%3B)

$request->setMethod(HTTP\_METH\_GET);

$request->setQueryData(**array**( 'limit' => '2'

));

$request->setHeaders(**array**( 'accept' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

}

###### *Ruby*

**echo** $ex;

**require** 'uri'

**require** 'net/http'

url = URI(["http://107.20.199.106/restapi/sms/1/inbox/reports?limit=2](http://107.20.199.106/restapi/sms/1/inbox/reports?limit=2)")

**http** = Net::HTTP.**new**(url.host, url.port)

**http**.use\_ssl = true

**http**.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

request = Net::HTTP::Get.**new**(url)

request["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' request["accept"] = 'application/json'

response = **http**.request(request) puts response.read\_body

###### *Python*

import **http**.client

conn = **http**.client.httpConnection("107.20.199.106") headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'accept': "application/json"

}

conn.request("GET", "/restapi/sms/1/inbox/reports?limit=2", headers=headers)

res = conn.getresponse() data = res.**read**()

print(data.decode("utf-8"))

###### *Java*

HttpResponse<String> response = Unirest.get(["http://107.20.199.106/restapi/sms/1/inbox/reports?limit=2](http://107.20.199.106/restapi/sms/1/inbox/reports?limit=2)")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("accept", "application/json")

.asString();

###### *C#*

var client = **new**

RestClient(["http://107.20.199.106/restapi/sms/1/inbox/reports?limit=2](http://107.20.199.106/restapi/sms/1/inbox/reports?limit=2)");

var **request** = **new** RestRequest(Method.**GET**); **request**.AddHeader("accept", "application/json"); **request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = null;

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("GET", ["http://107.20.199.106/restapi/sms/1/inbox/reports?](http://107.20.199.106/restapi/sms/1/inbox/reports) limit=2");

xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=="); xhr.setRequestHeader("accept", "application/json");

xhr.send(data);

##### Response

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"results":[

{

"messageId":"df9839ab-6ab6-4abd-984d-ab3b7687e823", "from":"38598111",

"to":"41793026727",

"text":"KEYWORD Test message", "cleanText":"Test message", "keyword":"KEYWORD",

"receivedAt":"2015-02-15T12:23:10.418+0100",

"smsCount":1

},

{

"messageId":"ae4359fd-9ad6-4cdf-763d-ac1c5347d839", "from":"38598111",

"to":"41793026727",

"text":"Test message without keyword.", "cleanText":"Test message without keyword.", "keyword":"",

"receivedAt":"2015-02-15T12:21:07.311+0100",

"smsCount":1

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<MOReportResponse>

<**results**>

<**results**>

<**messageId**>df9839ab-6ab6-4abd-984d-ab3b7687e823</**messageId**>

<**from**>38598111</**from**>

<**to**>41793026727</**to**>

<**text**>KEYWORD Test message</**text**>

<**cleanText**>Test message</**cleanText**>

<**keyword**>KEYWORD</**keyword**>

<**receivedAt**>2015-02-15T12:23:10.418+0100</**receivedAt**>

<**smsCount**>1</**smsCount**>

</**results**>

<**results**>

<**messageId**>ae4359fd-9ad6-4cdf-763d-ac1c5347d839</**messageId**>

<**from**>38598111</**from**>

<**to**>41793026727</**to**>

<**text**>Test message without keyword.</**text**>

<**cleanText**>Test message without keyword.</**cleanText**>

<**keyword** />

<**receivedAt**>2015-02-15T12:21:07.311+0100</**receivedAt**>

<**smsCount**>1</**smsCount**>

</**results**>

</**results**>

</MOReportResponse>

Received messages logs

**Definition** <http://107.20.199.106/restapi/sms/1/inbox/logs> **Parameters**

##### Parameter Type Description

*limit* Integer Maximum number of messages in returned logs.

*keyword* String Keyword used in received messages

*to* String The message destination address. *receivedSince* DateFormat Lower limit on date and time of sending SMS. *receivedUntil* DateFormat Upper limit on date and time of sending SMS.

Examples

GET /restapi/sms/1/inbox/logs HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

##### Result Format

{

"results":[

{

"messageId":"5908971644001839114", "to":"41793026727",

"receivedAt":"2015-03-01T12:54:44.560+0000", "from":"385998779111",

"text":"HEY hello world", "cleanText":"hello world", "keyword":"HEY", "smsCount":1

},

{

"messageId":"5904932597450690569", "to":"41793026727",

"receivedAt":"2015-03-01T12:54:42.231+0000", "from":"385998779111",

"text":"HEY how are you", "cleanText":"how are you", "keyword":"HEY", "smsCount":1

},

{

"messageId":"5904217701796992008", "to":"41793026727",

"receivedAt":"2015-03-01T12:54:40.111+0000", "from":"385998779111",

"text":"KEY hello world", "cleanText":"hello world", "keyword":"KEY", "smsCount":1

}

]

}

### Response format

If successful, response header HTTP status code will be 200 OK and the message logs will be returned.

If you try to send message without authorization, you will get a response with HTTP status code 401 Unauthorized .

**LogsResponse**

**Parameter Type Description**

*results* MOLog[] Collection of logs.

**MOLog**

**Parameter Type Description**

*messageId* String The ID that uniquely identifies the received message.

*to* String The message destination address.

*receivedAt* Date Tells when the SMS was received. Has the following format: yyyy-MM- dd'T'HH:mm:ss.SSSZ .

*from* String Sender ID that can be alphanumeric or numeric.

*text* String Text of the message that was sent.

*cleanText* String Text of the message that was sent without the keyword.

*keyword* String Keyword extracted from the message text.

*smsCount* int The number of sent message segments.

Additional examples

Getting logs without any query parameter

**Request**

###### *JSON*

GET /restapi/sms/1/inbox/logs HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

###### *XML*

GET /restapi/sms/1/inbox/logs HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==

Accept: application/xml

###### *cURL*

curl -X GET \

-H 'Accept: application/json' \

-H 'Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' \<http://107.20.199.106/restapi/sms/1/inbox/logs>

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/sms/1/inbox/logs');](http://107.20.199.106/restapi/sms/1/inbox/logs%27)%3B)

$request->setMethod(HTTP\_METH\_GET);

$request->setHeaders(**array**( 'accept' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

**echo** $ex;

}

###### *Ruby*

**require** 'uri'

**require** 'net/http'

url = URI(["http://107.20.199.106/restapi/sms/1/inbox/logs](http://107.20.199.106/restapi/sms/1/inbox/logs)")

**http** = Net::HTTP.**new**(url.host, url.port)

**http**.use\_ssl = true

**http**.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

request = Net::HTTP::Get.**new**(url)

request["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' request["accept"] = 'application/json'

response = **http**.request(request) puts response.read\_body

###### *Python*

import **http**.client

conn = **http**.client.httpConnection("107.20.199.106") headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'accept': "application/json"

}

conn.request("GET", "/restapi/sms/1/inbox/logs", headers=headers) res = conn.getresponse()

data = res.**read**() print(data.decode("utf-8"))

###### *Java*

HttpResponse<String> response = Unirest.get(["http://107.20.199.106/restapi/sms/1/inbox/logs](http://107.20.199.106/restapi/sms/1/inbox/logs)")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("accept", "application/json")

.asString();

###### *C#*

var client = **new**

RestClient(["http://107.20.199.106/restapi/sms/1/inbox/logs](http://107.20.199.106/restapi/sms/1/inbox/logs)");

var **request** = **new** RestRequest(Method.**GET**); **request**.AddHeader("accept", "application/json"); **request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = null;

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("GET", ["http://107.20.199.106/restapi/sms/1/inbox/logs](http://107.20.199.106/restapi/sms/1/inbox/logs)"); xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

xhr.setRequestHeader("accept", "application/json"); xhr.send(data);

##### Response

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"results":[

{

"messageId":"5908971644001839114",

"to":"41793026727",

"receivedAt":"2015-03-01T12:54:44.560+0000", "from":"385998779111",

"text":"HEY hello world", "cleanText":"hello world", "keyword":"HEY", "smsCount":1

},

{

"messageId":"5904932597450690569", "to":"41793026727",

"receivedAt":"2015-03-01T12:54:42.231+0000", "from":"385998779111",

"text":"HEY how are you", "cleanText":"how are you", "keyword":"HEY", "smsCount":1

},

{

"messageId":"5904217701796992008", "to":"41793026727",

"receivedAt":"2015-03-01T12:54:40.111+0000", "from":"385998779111",

"text":"KEY hello world", "cleanText":"hello world", "keyword":"KEY", "smsCount":1

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<MOLogsResponse>

<**results**>

<**results**>

<**messageId**>5908971644001839114</**messageId**>

<**to**>13372</**to**>

<**receivedAt**>2015-03-01T12:54:44.560+0000</**receivedAt**>

<**from**>385998779613</**from**>

<**text**>HEY hello world</**text**>

<**cleanText**>hello world</**cleanText**>

<**keyword**>HEY</**keyword**>

<**smsCount**>1</**smsCount**>

</**results**>

<**results**>

<**messageId**>5904932597450690569</**messageId**>

<**to**>13372</**to**>

<**receivedAt**>2015-03-01T12:54:42.231+0000</**receivedAt**>

<**from**>385998779613</**from**>

<**text**>HEY how are you</**text**>

<**cleanText**>how are you</**cleanText**>

<**keyword**>HEY</**keyword**>

<**smsCount**>1</**smsCount**>

</**results**>

<**results**>

<**messageId**>5904217701796992008</**messageId**>

<**to**>13372</**to**>

<**receivedAt**>2015-03-01T12:54:40.111+0000</**receivedAt**>

<**from**>385998779613</**from**>

<**text**>KEY hello world</**text**>

<**cleanText**>hello world</**cleanText**>

<**keyword**>KEY</**keyword**>

<**smsCount**>1</**smsCount**>

</**results**>

</**results**>

</MOLogsResponse>

Getting logs with keyword and to as filters

##### Request

###### *JSON*

GET /restapi/sms/1/inbox/logs?keyword=HEY&to=13372 HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

###### *XML*

GET /restapi/sms/1/inbox/logs?keyword=HEY&to=13372 HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==

Accept: application/xml

###### *cURL*

curl -X GET

-H 'Accept: application/json'

-H 'Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' [http://107.20.199.106/restapi/sms/1/inbox/logs?keyword=HEY&to=13372](http://107.20.199.106/restapi/sms/1/inbox/logs?keyword=HEY&amp;to=13372)

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/sms/1/inbox/logs');](http://107.20.199.106/restapi/sms/1/inbox/logs%27)%3B)

$request->setMethod(HTTP\_METH\_GET);

$request->setQueryData(**array**( 'keyword' => 'HEY',

'to' => '13372'

));

$request->setHeaders(**array**( 'accept' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

**echo** $ex;

}

###### *Ruby*

**require** 'uri'

**require** 'net/http'

url = URI(["http://107.20.199.106/restapi/sms/1/inbox/logs?](http://107.20.199.106/restapi/sms/1/inbox/logs)

keyword=HEY&to=13372")

**http** = Net::HTTP.**new**(url.host, url.port)

**http**.use\_ssl = true

**http**.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

request = Net::HTTP::Get.**new**(url)

request["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' request["accept"] = 'application/json'

response = **http**.request(request) puts response.read\_body

###### *Python*

import **http**.client

conn = **http**.client.httpConnection("107.20.199.106") headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'accept': "application/json"

}

conn.request("GET", "/restapi/sms/1/inbox/logs?keyword=HEY&to=13372", headers=headers)

res = conn.getresponse() data = res.**read**()

print(data.decode("utf-8"))

###### *Java*

HttpResponse<String> response = Unirest.get(["http://107.20.199.106/restapi/sms/1/inbox/logs?](http://107.20.199.106/restapi/sms/1/inbox/logs) keyword=HEY&to=13372")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("accept", "application/json")

.asString();

###### *C#*

var client = **new** RestClient(["http://107.20.199.106/restapi/sms/1/inbox/logs?](http://107.20.199.106/restapi/sms/1/inbox/logs) keyword=HEY&to=13372");

var **request** = **new** RestRequest(Method.**GET**); **request**.AddHeader("accept", "application/json"); **request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = null;

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("GET", ["http://107.20.199.106/restapi/sms/1/inbox/logs?](http://107.20.199.106/restapi/sms/1/inbox/logs) keyword=HEY&to=13372");

xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=="); xhr.setRequestHeader("accept", "application/json");

xhr.send(data);

##### Response

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"results":[

{

"messageId":"5908971644001839114",

"to":"41793026727",

"receivedAt":"2015-03-01T12:54:44.560+0000", "from":"385998779111",

"text":"HEY hello world", "cleanText":"hello world", "keyword":"HEY", "smsCount":1

},

{

"messageId":"5904932597450690569", "to":"41793026727",

"receivedAt":"2015-03-01T12:54:42.231+0000", "from":"385998779111",

"text":"HEY how are you", "cleanText":"how are you", "keyword":"HEY", "smsCount":1

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<MOLogsResponse>

<**results**>

<**results**>

<**messageId**>5908971644001839114</**messageId**>

<**to**>13372</**to**>

<**receivedAt**>2015-03-01T12:54:44.560+0000</**receivedAt**>

<**from**>385998779613</**from**>

<**text**>HEY hello world</**text**>

<**cleanText**>hello world</**cleanText**>

<**keyword**>HEY</**keyword**>

<**smsCount**>1</**smsCount**>

</**results**>

<**results**>

<**messageId**>5904932597450690569</**messageId**>

<**to**>13372</**to**>

<**receivedAt**>2015-03-01T12:54:42.231+0000</**receivedAt**>

<**from**>385998779613</**from**>

<**text**>HEY how are you</**text**>

<**cleanText**>how are you</**cleanText**>

<**keyword**>HEY</**keyword**>

<**smsCount**>1</**smsCount**>

</**results**>

</**results**>

</MOLogsResponse>

Getting messages without keyword

In order to get all messages that were sent without keyword, you can use NO\_KEYWORD filter.

**Request**

*JSON*

**GET /restapi/sms/1/inbox/logs?keyword=NO\_KEYWORD HTTP/1.1**

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Accept: application/json

###### *XML*

GET /restapi/sms/1/inbox/logs?keyword=NO\_KEYWORD HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==

Accept: application/xml

###### *cURL*

curl -X GET

-H 'Accept: application/json'

-H 'Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' <http://107.20.199.106/restapi/sms/1/inbox/logs?keyword=NO_KEYWORD>

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/sms/1/inbox/logs');](http://107.20.199.106/restapi/sms/1/inbox/logs%27)%3B)

$request->setMethod(HTTP\_METH\_GET);

$request->setQueryData(**array**( 'keyword' => 'NO\_KEYWORD'

));

$request->setHeaders(**array**( 'accept' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

**echo** $ex;

}

###### *Ruby*

**require** 'uri'

**require** 'net/http'

url = URI(["http://107.20.199.106/restapi/sms/1/inbox/logs?](http://107.20.199.106/restapi/sms/1/inbox/logs) keyword=NO\_KEYWORD")

**http** = Net::HTTP.**new**(url.host, url.port)

**http**.use\_ssl = true

**http**.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

request = Net::HTTP::Get.**new**(url)

request["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' request["accept"] = 'application/json'

response = **http**.request(request) puts response.read\_body

###### *Python*

import **http**.client

conn = **http**.client.httpConnection("107.20.199.106")

headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'accept': "application/json"

}

conn.request("GET", "/restapi/sms/1/inbox/logs?keyword=NO\_KEYWORD", headers=headers)

res = conn.getresponse() data = res.**read**()

print(data.decode("utf-8"))

###### *Java*

HttpResponse<String> response = Unirest.get(["http://107.20.199.106/restapi/sms/1/inbox/logs?](http://107.20.199.106/restapi/sms/1/inbox/logs) keyword=NO\_KEYWORD")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("accept", "application/json")

.asString();

###### *C#*

var client = **new** RestClient(["http://107.20.199.106/restapi/sms/1/inbox/logs?](http://107.20.199.106/restapi/sms/1/inbox/logs) keyword=NO\_KEYWORD");

var **request** = **new** RestRequest(Method.**GET**); **request**.AddHeader("accept", "application/json"); **request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = null;

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("GET", ["http://107.20.199.106/restapi/sms/1/inbox/logs?](http://107.20.199.106/restapi/sms/1/inbox/logs) keyword=NO\_KEYWORD");

xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=="); xhr.setRequestHeader("accept", "application/json");

xhr.send(data);

##### Response

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"results":[

{

"messageId":"606386740726357762", "from":"385998779111", "to":"41793026727",

"text":"Message without keyword", "cleanText":"Message without keyword", "receivedAt":"2015-05-20T10:06:46.880+0000",

"smsCount":1

},

{

"messageId":"3634590217319761028", "from":"385998779111", "to":"41793026727",

"text":"Logs test", "cleanText":"Logs test",

"receivedAt":"2015-05-20T10:06:17.713+0000",

"smsCount":1

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<MOLogsResponse>

<**results**>

<**messageId**>606386740726357762</**messageId**>

<**from**>385998779111</**from**>

<**to**>41793026727</**to**>

<**text**>Message without keyword</**text**>

<**cleanText**>Message without keyword</**cleanText**>

<**receivedAt**>2015-05-20T10:06:46.880+0000</**receivedAt**>

<**smsCount**>1</**smsCount**>

</**results**>

<**results**>

<**messageId**>3634590217319761028</**messageId**>

<**from**>385998779111</**from**>

<**to**>41793026727</**to**>

<**text**>Logs test</**text**>

<**cleanText**>Logs test</**cleanText**>

<**receivedAt**>2015-05-20T10:06:17.713+0000</**receivedAt**>

<**smsCount**>1</**smsCount**>

</**results**>

</MOLogsResponse>

Number Context

Synchronous request

*This method gives you the ability to make a synchronous Number Context request over HTTP. Number Context response is returned immediately thus eliminating the need for the call back server.*

**Definition**

<http://107.20.199.106/restapi/number/1/query>

|  |  |  |
| --- | --- | --- |
| **Parameters**  **Parameter** | **Type** | **Description** |
| *to* | String[] | **Required.** Array of Number Context destination addresses. If the Number Context lookup is requested for one phone number, a single String is |

supported instead of an Array. Destination addresses must be in international format (Example: 41793026727 ).

Examples

POST /restapi/number/1/query HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

Accept: application/json

{

"to":["41793026727"]

}

##### Result Format

{

"results":[

{

"to":"41793026727",

"mccMnc":"22801",

"originalNetwork":{ "networkPrefix":"79", "countryPrefix":"41"

},

"ported":false, "roaming":false, "status":{

"groupId":2, "groupName":"UNDELIVERABLE", "id":9,

"name":"UNDELIVERABLE\_NOT\_DELIVERED",

"description":"Message sent not delivered"

},

"error":{

"groupId":1, "groupName":"HANDSET\_ERRORS", "id":27, "name":"EC\_ABSENT\_SUBSCRIBER",

"description":"Absent Subscriber", "permanent":false

}

}

]

}

### Response format

If successful, response header HTTP status code will be 200 OK and include Number Context information in response body.

If you try to send a Number Context lookup without authorization, you will get a response with HTTP status code 401 Unauthorized .

**NCResponse**

**Parameter Type Description**

bulkId\* String The ID that uniquely identifies the request. Bulk ID will be

received only when you send a Number Context lookup to more than one destination address.

*results* NCResponseDetails[] Array of Number Context lookup results, one per every

phone number.

**NCResponseDetails**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *to* | String | The Number Context destination address. |
| *mccMnc* | String | Mobile country code and mobile network code concatenated. MccMnc will start with the MCC, and it will always have three digits, followed by the MNC (length of the MNC depends on the value of the MCC, and it can be two or three). |

|  |  |  |
| --- | --- | --- |
| *imsi* | String | International Mobile Subscriber Identity, used to uniquely identify the user of a mobile network. |
| *originalNetwork* | Network | Information about the original network. |
| *ported* | Boolean | Tells if the phone number is ported. |
| *portedNetwork* | Network | Information about the ported network. |
| *roaming* | Boolean | Informs if the phone number is in roaming. |
| *roamingNetwork* | Network | Information about the roaming network. |
| *servingMSC* | String | Serving mobile switching center. |
| *status* | Status | Indicates whether the Number Context query was successfully executed, not executed or any other possible status. |
| *error* | Error | Indicates whether the error occurred during the query execution. |

**Network**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *networkName* | String | Network name. |
| *networkPrefix* | String | Network prefix. |
| *countryName* | String | Country name. |
| *countryPrefix* | String | Country prefix. |

**Status**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *groupId* | int | Status group ID. |
| *groupName* | String | Status group name. |
| *id* | int | Status ID. |
| *name* | String | Status name. |
| *description* | String | Human readable description of the status. |
| *action* | String | Action that should be taken to eliminate the error. |

**Error**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *groupId* | int | Error group ID. |
| *groupName* | String | Error group name. |
| *id* | int | Error ID. |
| *name* | String | Error name. |
| *description* | String | Human readable description of the error. |
| *permanent* | boolean | Tells if the error is permanent. |

Additional examples

Number Context lookup - Single phone number

**Request**

###### *JSON*

POST /restapi/number/1/query HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

Accept: application/json

{

"to":["41793026727"]

}

###### *XML*

POST /restapi/number/1/query HTTP/1.1

Host: 107.20.199.106

Authorization: Basic dXNlcm5hbWU6cGFzc3dvcmQ= Content-Type: application/xml

Accept: application/xml

<**request**>

<**to**>41793026727</**to**>

</**request**>

###### *cURL*

curl -X POST \

-H "Content-Type: application/json" \

-H 'Accept: application/json' \

-H "Authorization: Basic dXNlcm5hbWU6cGFzc3dvcmQ=" \

-d '{

"to":["41793026727"]

}' <http://107.20.199.106/restapi/number/1/query>

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/number/1/query');](http://107.20.199.106/restapi/number/1/query%27)%3B)

$request->setMethod(HTTP\_METH\_POST);

$request->setHeaders(**array**(

'content-type' => 'application/json', 'accept' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

$request->setBody('{ "to":["41793026727"]

}');

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

**echo** $ex;

}

###### *Ruby*

require 'uri' require 'net/http'

url = URI(["http://107.20.199.106/restapi/number/1/query](http://107.20.199.106/restapi/number/1/query)")

http = Net::HTTP.**new**(url.host, url.port) http.use\_ssl = true

http.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

**request** = Net::HTTP::Post.**new**(url)

**request**["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

**request**["accept"] = 'application/json'

**request**["content-type"] = 'application/json'

**request**.body = "{\"**to**\":[\"41793026727\"]}"

**response** = http.**request**(**request**) puts **response**.read\_body

###### *Python*

import **http**.client

conn = **http**.client.httpConnection("107.20.199.106") payload = "{\"to\":[\"41793026727\"]}"

headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'accept': "application/json",

'content-type': "application/json"

}

conn.request("POST", "/restapi/number/1/query", payload, headers) res = conn.getresponse()

data = res.**read**() print(data.decode("utf-8"))

###### *Java*

HttpResponse<String> response = Unirest.post(["http://107.20.199.106/restapi/number/1/query](http://107.20.199.106/restapi/number/1/query)")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("accept", "application/json")

.header("content-type", "application/json")

.body("{\"to\":[\"41793026727\"]}")

.asString();

###### *C#*

var client = **new**

RestClient(["http://107.20.199.106/restapi/number/1/query](http://107.20.199.106/restapi/number/1/query)");

var **request** = **new** RestRequest(Method.POST); **request**.AddHeader("content-type", "application/json"); **request**.AddHeader("accept", "application/json"); **request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

**request**.AddParameter("application/json", "{\"**to**\":[\"41793026727\"]}", ParameterType.RequestBody);

IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = **JSON**.stringify({ "to": [

"41793026727"

]

});

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("POST", ["http://107.20.199.106/restapi/number/1/query](http://107.20.199.106/restapi/number/1/query)"); xhr.setRequestHeader("authorization", "Basic

QWxhZGRpbjpvcGVuIHNlc2FtZQ=="); xhr.setRequestHeader("accept", "application/json"); xhr.setRequestHeader("content-type", "application/json");

xhr.send(data);

**Response**

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"results":[

{

"to":"41793026727",

"mccMnc":"22801",

"originalNetwork":{ "networkPrefix":"79", "countryPrefix":"41"

},

"ported":false, "roaming":false, "status":{

"groupId":2, "groupName":"UNDELIVERABLE", "id":9,

"name":"UNDELIVERABLE\_NOT\_DELIVERED",

"description":"Message sent not delivered"

},

"error":{

"groupId":1, "groupName":"HANDSET\_ERRORS", "id":27, "name":"EC\_ABSENT\_SUBSCRIBER",

"description":"Absent Subscriber", "permanent":false

}

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<response>

<**ncResults**>

<**ncResults**>

<**to**>41793026727</**to**>

<**mccMnc**>22801</**mccMnc**>

<originalNetwork>

<**networkPrefix**>79</**networkPrefix**>

<**countryPrefix**>41</**countryPrefix**>

</originalNetwork>

<**ported**>false</**ported**>

<**roaming**>false</**roaming**>

<**status**>

<**groupId**>2</**groupId**>

<**groupName**>UNDELIVERABLE</**groupName**>

<**id**>9</**id**>

<**name**>UNDELIVERABLE\_NOT\_DELIVERED</**name**>

<**description**>Message sent not delivered</**description**>

</**status**>

<**error**>

<**groupId**>1</**groupId**>

<**groupName**>HANDSET\_ERRORS</**groupName**>

<**id**>27</**id**>

<**name**>EC\_ABSENT\_SUBSCRIBER</**name**>

<**description**>Absent Subscriber</**description**>

<**permanent**>false</**permanent**>

</**error**>

</**ncResults**>

</**ncResults**>

</**NCResponse**>

Number Context lookup - Multiple phone numbers

##### Request

###### *JSON*

POST /restapi/number/1/query HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

Accept: application/json

{

"to":[

"41793026727",

"3859851212"

]

}

###### *XML*

POST /restapi/number/1/query HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/xml

Accept: application/xml

<**request**>

<**to**>

<**to**>41793026727</**to**>

<**to**>3859851212</**to**>

</**to**>

</**request**>

###### *cURL*

curl -X POST

-H "Content-Type: application/json"

-H 'Accept: application/json'

-H "Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ="

-d '{

"to":[

"41793026727",

"3859851212"

]

}' <http://107.20.199.106/restapi/number/1/query>

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/number/1/query');](http://107.20.199.106/restapi/number/1/query%27)%3B)

$request->setMethod(HTTP\_METH\_POST);

$request->setHeaders(**array**(

'content-type' => 'application/json', 'accept' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

$request->setBody('{ "to":[

"41793026727",

"3859851212"

]

}');

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

**echo** $ex;

}

###### *Ruby*

require 'uri' require 'net/http'

url = URI(["http://107.20.199.106/restapi/number/1/query](http://107.20.199.106/restapi/number/1/query)")

http = Net::HTTP.**new**(url.host, url.port) http.use\_ssl = true

http.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

**request** = Net::HTTP::Post.**new**(url)

**request**["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

**request**["accept"] = 'application/json'

**request**["content-type"] = 'application/json'

**request**.body = "{\"**to**\":[\"41793026727\", \"3859851212\"]}"

**response** = http.**request**(**request**) puts **response**.read\_body

###### *Python*

import http.client

conn = http.client.httpConnection("107.20.199.106") payload = "{\"to\":[\"41793026727\", \"3859851212\"]}"

headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'accept': "application/json",

'content-type': "application/json"

}

conn.request("POST", "/restapi/number/1/query", payload, headers) res = conn.getresponse()

data = res.read() print(data.decode("utf-8"))

###### *Java*

HttpResponse<String> response = Unirest.post(["http://107.20.199.106/restapi/number/1/query](http://107.20.199.106/restapi/number/1/query)")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("accept", "application/json")

.header("content-type", "application/json")

.body("{\"to\":[\"41793026727\", \"3859851212\"]}")

.asString();

###### *C#*

var client = **new**

RestClient(["http://107.20.199.106/restapi/number/1/query](http://107.20.199.106/restapi/number/1/query)");

var **request** = **new** RestRequest(Method.POST); **request**.AddHeader("content-type", "application/json"); **request**.AddHeader("accept", "application/json"); **request**.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=="); **request**.AddParameter("application/json", "{\"**to**\":[\"41793026727\",

\"3859851212\"]}", ParameterType.RequestBody); IRestResponse **response** = client.**Execute**(**request**);

###### *JavaScript*

**var** data = **JSON**.stringify({ "to": [

"41793026727",

"3859851212"

]

});

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("POST", ["http://107.20.199.106/restapi/number/1/query](http://107.20.199.106/restapi/number/1/query)"); xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

xhr.setRequestHeader("accept", "application/json"); xhr.setRequestHeader("content-type", "application/json");

xhr.send(data);

##### Response

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"bulkId":"f5c4322c-10e7-a41e-5528-34fat43er4134", "results":[

{

"to":"3859851212",

"mccMnc":"21901",

"originalNetwork":{ "networkPrefix":"98", "countryPrefix":"385"

},

"ported":false, "roaming":false, "status":{

"groupId":2, "groupName":"UNDELIVERABLE", "id":9,

"name":"UNDELIVERABLE\_NOT\_DELIVERED",

"description":"Message sent not delivered"

},

"error":{

"groupId":1, "groupName":"HANDSET\_ERRORS", "id":1, "name":"EC\_UNKNOWN\_SUBSCRIBER",

"description":"Unknown Subscriber", "permanent":true

}

},

{

"to":"41793026727",

"mccMnc":"22801",

"originalNetwork":{ "networkPrefix":"79", "countryPrefix":"41"

},

"ported":false, "roaming":false, "status":{

"groupId":2, "groupName":"UNDELIVERABLE", "id":9,

"name":"UNDELIVERABLE\_NOT\_DELIVERED",

"description":"Message sent not delivered"

},

"error":{

"groupId":1, "groupName":"HANDSET\_ERRORS", "id":27, "name":"EC\_ABSENT\_SUBSCRIBER",

"description":"Absent Subscriber", "permanent":false

}

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<NCResponse>

<**results**>

<**bulkId**>f5c4322c-10e7-a41e-5528-34fat43er4134</**bulkId**>

<**results**>

<**to**>41793026727</**to**>

<**mccMnc**>22801</**mccMnc**>

<originalNetwork>

<**networkPrefix**>79</**networkPrefix**>

<**countryPrefix**>41</**countryPrefix**>

</originalNetwork>

<**ported**>false</**ported**>

<**roaming**>false</**roaming**>

<**status**>

<**groupId**>2</**groupId**>

<**groupName**>UNDELIVERABLE</**groupName**>

<**id**>9</**id**>

<**name**>UNDELIVERABLE\_NOT\_DELIVERED</**name**>

<**description**>Message sent not delivered</**description**>

</**status**>

<**error**>

<**groupId**>1</**groupId**>

<**groupName**>HANDSET\_ERRORS</**groupName**>

<**id**>27</**id**>

<**name**>EC\_ABSENT\_SUBSCRIBER</**name**>

<**description**>Absent Subscriber</**description**>

<**permanent**>false</**permanent**>

</**error**>

</**ncResults**>

<ncResults>

<**to**>3859851212</**to**>

<**mccMnc**>21901</**mccMnc**>

<originalNetwork>

<**networkPrefix**>98</**networkPrefix**>

<**countryPrefix**>385</**countryPrefix**>

</originalNetwork>

<**ported**>false</**ported**>

<**roaming**>false</**roaming**>

<**status**>

<**groupId**>2</**groupId**>

<**groupName**>UNDELIVERABLE</**groupName**>

<**id**>9</**id**>

<**name**>UNDELIVERABLE\_NOT\_DELIVERED</**name**>

<**description**>Message sent not delivered</**description**>

</**status**>

<**error**>

<**groupId**>1</**groupId**>

<**groupName**>HANDSET\_ERRORS</**groupName**>

<**id**>1</**id**>

<**name**>EC\_UNKNOWN\_SUBSCRIBER</**name**>

<**description**>Unknown Subscriber</**description**>

<**permanent**>true</**permanent**>

</**error**>

</**ncResults**>

</**ncResults**>

</**NCResponse**>

## Asynchronous request

###### *This method gives you the ability to make a asynchronous Number Context request over HTTP. Number Context response is sent to a notify URL at your call back server.*

**Definition**

<http://107.20.199.106/restapi/number/1/notify>

|  |  |  |
| --- | --- | --- |
| **Parameters**  **Parameter** | **Type** | **Description** |
| *to* | String[] | **Required.** Array of Number Context destination addresses. If the Number Context lookup is requested for one phone number, a single String is supported instead of an Array. Destination addresses must be in international format (Example: 41793026727 ). |
| *notifyUrl* | String | The URL on your call back server on which the Number Context response will be sent. |

*notifyContentType* String Preferred content type of the response. Could be

application/json or application/xml .

Examples

POST /restapi/number/1/notify HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

Accept: application/json

{

"to":[

"41793026727"

],

"notifyUrl":["http://example.com/notifyUrl](http://example.com/notifyUrl)", "notifyContentType":"application/json"

}

**Result Format**

{

"ncResults":[

{

"to":"41793026727",

"status":{

"groupId":1, "groupName":"PENDING", "id":3,

"name":"PENDING\_WAITING\_DELIVERY",

"description":"Message sent, waiting for delivery report"

},

"messageId":"2b691c32-1233-4716-a763-4f70cc929eae"

}

]

}

### Response format

If successful, response header HTTP status code will be 200 OK and include Number Context information in the response body.

If you try to send a Number Context lookup without authorization, you will get a response with HTTP status code 401 Unauthorized .

|  |  |  |
| --- | --- | --- |
| **NCResponse**  **Parameter** | **Type** | **Description** |
| *bulkId* | String | The ID that uniquely identifies the request. Bulk ID will be received only when you send a Number Context lookup to more than one destination address. |
| *ncResults* | NCResponseDetails[] | Array of Number Context lookup results, one per every phone number. |

**NCResponseDetails**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *to* | String | The Number Context destination address. |
| *status* | Status | Indicates whether the Number Context query was successfully executed, not executed or any other possible status. |
| *messageId* | String | The ID that uniquely identifies the performed lookup on destination address. |

**Status**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *groupId* | int | Status group ID. |
| *groupName* | String | Status group name. |
| *id* | int | Status ID. |
| *name* | String | Status name. |
| *description* | String | Human readable description of the status. |
| *action* | String | Action that should be taken to eliminate the error. |

**Error**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Description** |
| *groupId* | int | Error group ID. |
| *groupName* | String | Error group name. |
| *id* | int | Error ID. |
| *name* | String | Error name. |
| *description* | String | Human readable description of the error. |
| *permanent* | boolean | Tells if the error is permanent. |

**Note:**

The result you will receive on your notify URL will be the same as the response in Synchronous Number Context lookup.

**The result format you will receive on notify URL:**

###### *JSON*

{

"ncResults":[

{

"to":"41793026727",

"mccMnc":"22801",

"originalNetwork":{ "networkPrefix":"79", "countryPrefix":"41"

},

"ported":false, "roaming":false, "status":{

"groupId":2, "groupName":"UNDELIVERABLE", "id":9,

"name":"UNDELIVERABLE\_NOT\_DELIVERED",

"description":"Message sent not delivered"

},

"error":{

"groupId":1, "groupName":"HANDSET\_ERRORS",

"id":27, "name":"EC\_ABSENT\_SUBSCRIBER",

"description":"Absent Subscriber", "permanent":false

}

}

]

}

###### *XML*

<NCResponse>

<**ncResults**>

<**ncResults**>

<**to**>41793026727</**to**>

<**mccMnc**>22801</**mccMnc**>

<originalNetwork>

<**networkPrefix**>79</**networkPrefix**>

<**countryPrefix**>41</**countryPrefix**>

</originalNetwork>

<**ported**>false</**ported**>

<**roaming**>false</**roaming**>

<**status**>

<**groupId**>2</**groupId**>

<**groupName**>UNDELIVERABLE</**groupName**>

<**id**>9</**id**>

<**name**>UNDELIVERABLE\_NOT\_DELIVERED</**name**>

<**description**>Message sent not delivered</**description**>

</**status**>

<**error**>

<**groupId**>1</**groupId**>

<**groupName**>HANDSET\_ERRORS</**groupName**>

<**id**>27</**id**>

<**name**>EC\_ABSENT\_SUBSCRIBER</**name**>

<**description**>Absent Subscriber</**description**>

<**permanent**>false</**permanent**>

</**error**>

</**ncResults**>

</**ncResults**>

</**NCResponse**>

### Additional examples

#### Number Context lookup - Single phone number

##### Request

###### *JSON*

POST /restapi/number/1/notify HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

Accept: application/json

{

"to":[

"41793026727"

],

"notifyUrl":["http://example.com/notifyUrl](http://example.com/notifyUrl)", "notifyContentType":"application/json"

}

###### *XML*

POST /restapi/number/1/notify HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/xml

Accept: application/xml

<**request**>

<**to**>41793026727</**to**>

<**notifyUrl**[>http://example.com/notifyUrl](http://example.com/notifyUrl)</**notifyUrl**>

<**notifyContentType**>application/xml</**notifyContentType**>

</**request**>

###### *cURL*

curl -X POST \

-H "Content-Type: application/json" \

-H 'Accept: application/json' \

-H "Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=" \

-d '{

"to":[

"41793026727"

],

["notifyUrl":"http://example.com/notifyUrl](http://example.com/notifyUrl)", "notifyContentType":"application/json"

}' <http://107.20.199.106/restapi/number/1/notify>

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/number/1/notify');](http://107.20.199.106/restapi/number/1/notify%27)%3B)

$request->setMethod(HTTP\_METH\_POST);

$request->setHeaders(**array**(

'content-type' => 'application/json', 'accept' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

$request->setBody('{ "to":[

"41793026727"

],

["notifyUrl":"http://example.com/notifyUrl](http://example.com/notifyUrl)", "notifyContentType":"application/json"

}');

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

**echo** $ex;

}

###### *Ruby*

**require** 'uri'

**require** 'net/http'

url = URI(["http://107.20.199.106/restapi/number/1/notify](http://107.20.199.106/restapi/number/1/notify)")

**http** = Net::HTTP.**new**(url.host, url.port)

**http**.use\_ssl = true

**http**.verify\_mode = OpenSSL::SSL::VERIFY\_NONE

request = Net::HTTP::Post.**new**(url)

request["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' request["accept"] = 'application/json'

request["content-type"] = 'application/json'

request.body = "{\"to\":[\"41793026727\"],

[\"notifyUrl\":\"http://example.com/notifyUrl\](http://example.com/notifyUrl\)",

\"notifyContentType\":\"application/json\"}"

response = **http**.request(request) puts response.read\_body

###### *Python*

import http.client

conn = http.client.httpConnection("107.20.199.106") payload = "{\"to\":[\"41793026727\"],

\"notifyUrl\":\"<http://example.com/notifyUrl\>",

\"notifyContentType\":\"application/json\"}"

headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'accept': "application/json",

'content-type': "application/json"

}

conn.request("POST", "/restapi/number/1/notify", payload, headers) res = conn.getresponse()

data = res.read() print(data.decode("utf-8"))

###### *Java*

**HttpResponse**<**String**> response =

**Unirest**.post(["http://107.20.199.106/restapi/number/1/notify](http://107.20.199.106/restapi/number/1/notify)")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("accept", "application/json")

.header("content-type", "application/json")

.body("{\"to\":[\"41793026727\"],

\"notifyUrl\":\"<http://example.com/notifyUrl\>",

\"notifyContentType\":\"application/json\"}")

.asString();

###### *C#*

var client = new RestClient(["http://107.20.199.106/restapi/number/1/notify](http://107.20.199.106/restapi/number/1/notify)");

var request = new RestRequest(Method.POST); request.AddHeader("content-type", "application/json"); request.AddHeader("accept", "application/json"); request.AddHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=="); request.AddParameter("application/json", "{\"to\":[\"41793026727\"],

[\"notifyUrl\":\"http://example.com/notifyUrl\](http://example.com/notifyUrl\)",

\"notifyContentType\":\"application/json\"}", ParameterType.RequestBody);

IRestResponse response = client.Execute(request);

###### *JavaScript*

**var** data = **JSON**.stringify({ "to": [

"41793026727"

],

"notifyUrl": ["http://example.com/notifyUrl](http://example.com/notifyUrl)", "notifyContentType": "application/json"

});

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("POST", ["http://107.20.199.106/restapi/number/1/notify](http://107.20.199.106/restapi/number/1/notify)"); xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

xhr.setRequestHeader("accept", "application/json"); xhr.setRequestHeader("content-type", "application/json");

xhr.send(data);

##### Response

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"ncResults":[

{

"to":"41793026727",

"status":{

"groupId":1, "groupName":"PENDING", "id":3,

"name":"PENDING\_WAITING\_DELIVERY",

"description":"Message sent, waiting for delivery report"

},

"messageId":"2b691c32-1233-4716-a763-4f70cc929eae"

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<NCResponseAsync>

<**ncResults**>

<**ncResults**>

<**to**>41793026727</**to**>

<**status**>

<**groupId**>1</**groupId**>

<**groupName**>PENDING</**groupName**>

<**id**>3</**id**>

<**name**>PENDING\_WAITING\_DELIVERY</**name**>

<**description**>Message sent, waiting for delivery report</**description**>

</**status**>

<**messageId**>2b691c32-1233-4716-a763-4f70cc929eae</**messageId**>

</**ncResults**>

</**ncResults**>

</NCResponseAsync>

Number Context lookup - Multiple phone numbers

**Request**

*JSON*

**POST /restapi/number/1/notify HTTP/1.1**

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/json

Accept: application/json

{

"to":[

"41793026727",

"12345678",

"Alphanumeric"

],

"notifyUrl":["http://example.com/notifyUrl](http://example.com/notifyUrl)", "notifyContentType":"application/json"

}

###### *XML*

POST /restapi/number/1/notify HTTP/1.1

Host: 107.20.199.106

Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ== Content-Type: application/xml

Accept: application/xml

<**request**>

<**to**>

<**to**>41793026727</**to**>

<**to**>12345678</**to**>

<**to**>Alphanumeric</**to**>

</**to**>

<**notifyUrl**[>http://example.com/notifyUrl](http://example.com/notifyUrl)</**notifyUrl**>

<**notifyContentType**>application/xml</**notifyContentType**>

</**request**>

###### *cURL*

curl -X POST

-H "Content-Type: application/json"

-H 'Accept: application/json'

-H "Authorization: Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ="

-d '{

"to":[

"41793026727",

"12345678",

"Alphanumeric"

],

"notifyUrl":"<http://example.com/notifyUrl>", "notifyContentType":"application/json"

}' <http://107.20.199.106/restapi/number/1/notify>

###### *PHP*

<?php

$request = **new** HttpRequest();

$request->setUrl(['http://107.20.199.106/restapi/number/1/notify');](http://107.20.199.106/restapi/number/1/notify%27)%3B)

$request->setMethod(HTTP\_METH\_POST);

$request->setHeaders(**array**(

'content-type' => 'application/json', 'accept' => 'application/json',

'authorization' => 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=='

));

$request->setBody('{ "to":[

"41793026727",

"12345678",

"Alphanumeric"

],

["notifyUrl":"http://example.com/notifyUrl](http://example.com/notifyUrl)", "notifyContentType":"application/json"

}');

try {

$response = $request->send();

**echo** $response->getBody();

} **catch** (HttpException $ex) {

**echo** $ex;

}

###### *Ruby*

require 'uri' require 'net/http'

url = **URI**(["http://107.20.199.106/restapi/number/1/notify](http://107.20.199.106/restapi/number/1/notify)")

http = **Net**::**HTTP**.new(url.host, url.port) http.use\_ssl = **true**

http.verify\_mode = **OpenSSL**::**SSL**::**VERIFY\_NONE**

request = **Net**::**HTTP**::**Post**.new(url)

request["authorization"] = 'Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==' request["accept"] = 'application/json'

request["content-type"] = 'application/json'

request.body = "{\"to\":[\"41793026727\", \"12345678\",

\"**Alphanumeric**\"], \"notifyUrl\":\"<http://example.com/notifyUrl\>",

\"notifyContentType\":\"application/json\"}"

response = http.request(request) puts response.read\_body

###### *Python*

import http.client

conn = http.client.httpConnection("107.20.199.106")

payload = "{\"to\":[\"41793026727\", \"12345678\", \"**Alphanumeric**\"],

\"notifyUrl\":\"<http://example.com/notifyUrl\>",

\"notifyContentType\":\"application/json\"}"

headers = {

'authorization': "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==", 'accept': "application/json",

'content-type': "application/json"

}

conn.request("POST", "/restapi/number/1/notify", payload, headers) res = conn.getresponse()

data = res.read() print(data.decode("utf-8"))

###### *Java*

**HttpResponse**<**String**> response =

**Unirest**.post(["http://107.20.199.106/restapi/number/1/notify](http://107.20.199.106/restapi/number/1/notify)")

.header("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==")

.header("accept", "application/json")

.header("content-type", "application/json")

.body("{\"to\":[\"41793026727\", \"12345678\", \"**Alphanumeric**\"],

\"notifyUrl\":\"<http://example.com/notifyUrl\>",

\"notifyContentType\":\"application/json\"}")

.asString();

###### *C#*

var client = new

**RestClient**(["http://107.20.199.106/restapi/number/1/notify](http://107.20.199.106/restapi/number/1/notify)");

var request = new **RestRequest**(**Method**.**POST**); request.**AddHeader**("content-type", "application/json"); request.**AddHeader**("accept", "application/json"); request.**AddHeader**("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ=="); request.**AddParameter**("application/json", "{\"to\":[\"41793026727\",

\"12345678\", \"**Alphanumeric**\"],

\"notifyUrl\":\"<http://example.com/notifyUrl\>",

\"notifyContentType\":\"application/json\"}",

ParameterType.RequestBody);

**IRestResponse** response = client.**Execute**(request);

###### *JavaScript*

**var** data = **JSON**.stringify({ "to": [

"41793026727",

"12345678",

"Alphanumeric"

],

"notifyUrl": ["http://example.com/notifyUrl](http://example.com/notifyUrl)", "notifyContentType": "application/json"

});

**var** xhr = **new** XMLHttpRequest(); xhr.withCredentials = true;

xhr.addEventListener("readystatechange", **function** () {

**if** (**this**.readyState === **this**.DONE) { console.log(**this**.responseText);

}

});

xhr.open("POST", ["http://107.20.199.106/restapi/number/1/notify](http://107.20.199.106/restapi/number/1/notify)"); xhr.setRequestHeader("authorization", "Basic QWxhZGRpbjpvcGVuIHNlc2FtZQ==");

xhr.setRequestHeader("accept", "application/json"); xhr.setRequestHeader("content-type", "application/json");

xhr.send(data);

##### Response

###### *JSON*

HTTP/1.1 200 OK

Content-Type: application/json

{

"bulkId":"f5c4322c-10e7-a41e-5528-34fa0b032134",

"ncResults":[

{

"to":"41793026727",

"status":{

"groupId":1, "groupName":"PENDING", "id":7, "name":"PENDING\_ENROUTE",

"description":"Message sent to next instance"

},

"messageId":"c2598a78-ba88-423f-8ac3-5dac4af816cf"

},

{

"to":"12345678",

"status":{

"groupId":5, "groupName":"REJECTED", "id":14, "name":"REJECTED\_DESTINATION",

"description":"By Destination", "action":"Remove destination from blacklist"

},

"messageId":"a70437bc-872c-5462-837a-4ede899af3bf"

},

{

"to":"Alphanumeric", "status":{

"groupId":5, "groupName":"REJECTED", "id":52, "name":"REJECTED\_DESTINATION",

"description":"Invalid destination address.", "action":"Check to parameter."

}

}

]

}

###### *XML*

HTTP/1.1 200 OK

Content-Type: application/xml

<NCResponseAsync>

<**ncResults**>

<**ncResults**>

<**to**>41793026727</**to**>

<**status**>

<**groupId**>1</**groupId**>

<**groupName**>Pending</**groupName**>

<**id**>3</**id**>

<**name**>PENDING\_WAITING\_DELIVERY</**name**>

<**description**>Message sent, waiting for delivery report</**description**>

</**status**>

<**messageId**>c2598a78-ba88-423f-8ac3-5dac4af816cf</**messageId**>

</**ncResults**>

<ncResults>

<**to**>12345678</**to**>

<**status**>

<**groupId**>5</**groupId**>

<**groupName**>REJECTED</**groupName**>

<**id**>14</**id**>

<**name**>REJECTED\_DESTINATION</**name**>

<**description**>By Destination</**description**>

<**action**>Remove destination from blacklist</**action**>

</**status**>

<**messageId**>a70437bc-872c-5462-837a-4ede899af3bf</**messageId**>

</**ncResults**>

<ncResults>

<**to**>Alphanumeric</**to**>

<**status**>

<**groupId**>5</**groupId**>

<**groupName**>REJECTED</**groupName**>

<**id**>52</**id**>

<**name**>REJECTED\_DESTINATION</**name**>

<**description**>Invalid destination address.</**description**>

<**action**>Check to parameter.</**action**>

</**status**>

</**ncResults**>

</**ncResults**>

</NCResponseAsync>