

Mobile.Net.SA API Documentation

1) HTTP API:

The mobile.net.sa API allows you to query data about your account, phone numbers, groups and text messaging or scheduling.

The API is based on HTTP rules and it is very simple to test and write your applications. You can use any browser to access the API Urls or you can use any HTTP client in your programming language to interact with the API.

2) Base URL:

All Urlsreferenced in the documentation have the following base :

```
https://mobile.net.sa/sms/gw/
```

3) Messaging (SMS Sending):

This is the most important and used task, you can send a new message by using the API. Simply, you can request this URL and you should note that both http methods GET/POST are useable:

```
https://mobile.net.sa/sms/gw/index.php?{PARAMETERS}
```

Required Parameters

The following parameters are **required** in your request (GET/POST) to send the message:

PARAMETER	DESCRIPTION
userName	Account Username.
userPassword	Account Password.
numbers	The destination phone number or numbers. i.e. 966555525555. When sending your message to multiple phone numbers you must delimited them with commas, i.e. 966XXXXXXXXX,966YYYYYYYYY,966ZZZZZZZZZ...

	<p>You should remark:</p> <p>1 - If you are using GET method, you can only send your message to 120 numbers.</p> <p>2 – If you are intending to send your message to more than 120 and less than 5000 numbers, you must send your requests as POST method queries.</p>
userSender	Alphanumeric sender ID enabled for the message you wish to send.
msg	The text of message you want to send.
By	Possible values: standard . The type of the API. You must include the type of the used API (i.e. By=standard).

Notice:

Using GET method in your requests to send messages, you have the ability to send to only less than **120** numbers at once. You should note that if you are intending to send your text message to more than **120** numbers you **MUST** deploy your requests with POST method so that you can send your SMS to maximum **15000** phone numbers at once.

Optional Parameters

You may include the following parameters:

PARAMETER	DESCRIPTION
dateTimeSendLater	Date and time when the message will be sent. This parameter is used when you are trying to schedule your texting. The datetime format must be as “yyyy-mm-dd - hh:mm:00”
timeSendLater	
infos	Possible values: YES . Add to your required parameters (&infos=YES) to get information about the job ID, debited value and your account balance. The results are delimited by the symbol “ ”.
return	Possible values: XML . Add to your required parameters (&return=XML) to get your request results in XML format.
YesRepeat	Possible values: 1 . Add to your required parameters (&YesRepeat=1) to allow the repeating of sms sending with same data.

Returned Values:

Examples:

Example 1(Sending SMS via http API):

Request:

<https://mobile.net.sa/sms/gw/?userName=MyUser&userPassword=MyPass&numbers=966555525555&userSender=Mobile.Sa&msg=00770065006C0063006F006D006500200074006F0020006D006F00620069006C0065002E006E00650074002E00730061&By=standard>

Result:

1

Meaning:

The code returned indicate the status of your message sending.

All codes and their descriptions:

1

The message was sent successfully. If the parameter infos is in use (&infos=YES), you get job_id and that means your message send with success.

1010

Incomplete information. username, password, phone number or message content.

1020

Wrong login data.

1030

The same message with the same destination in the queue, wait ten seconds before resending.

1040

Letters not recognized.

1050

The message is empty, the reason: the selection may be the reason for deleting the message content.

1060

Balance not enough to send the message.

1070

is 0, not enough to send the message.Balance

1080

Message not sent an error while sending the message.

1090

Repeating the selection process produced the message.

1100

Sorry, the message not sent. Please try later.

1110

Sorry, the sender name is incorrect. Please try to correct the sender name.

1120

Sorry, the country in the destination phone numberyou are trying to send to is not covered by

our network.

1130

Sorry, return to supervisor of our networks as specified in your account network.

1140

Sorry, you exceeded the maximum message parts. Try to send less number of parts.

1150

This message is repeated with the same mobile number, sender name and message body.

1160

There is a problem in the input of datetimeof later sending.

Example 2 (Sending SMS and return information):

Request:

<https://mobile.net.sa/sms/gw/?userName=MyUser&userPassword=MyPass&numbers=966555525555&userSender=Mobile.Sa&msg=00770065006C0063006F006D006500200074006F0020006D006F00620069006C0065002E006E00650074002E00730061&By=standard&infos=YES>

Result:

JOB_ID:z6q1go9rdnvmk | Cost: 1 | Credit: 19309

Meaning:

JOB_ID: Sending job ID.

Cost: Amount debited or deducted from your balance.

Credit: your final balance.

Example 3 (Sending SMS and return information with XML format):

Request:

<https://mobile.net.sa/sms/gw/?userName=MyUser&userPassword=MyPass&numbers=966555525555&userSender=Mobile.Sa&msg=00770065006C0063006F006D006500200074006F0020006D006F00620069006C0065002E006E00650074002E00730061&By=standard&infos=YES&return=XML>

Result:

```
<SendSMS>
  <ResultSending>
    <Code>1</Code>
    <JOB_ID>m6li38hv34bp5</JOB_ID>
    <Cost>1</Cost>
    <Credit>19309</Credit>
```

```
</ResultSending>
</SendSMS>
```

Meaning:

JOB_ID: Sending job ID.
Cost: Amount debited or deducted from your balance.
Credit: your final balance.

Important Note:

If the sending of the message was unsuccessful for any reason, the return of the same above request will be as:

```
<SendSMS>
  <ResultSending>
<Code>1020</Code>
  <Message> Login incorrect </Message/>
</ResultSending>
</SendSMS
```

Repeating (Important):

You must remember that you are not allowed to repeat the sending to the same phone number and with same sender name and the same message body, except you passed 1 hour after the previous successful sending.

You can force to allow the repeating by adding the query string (&YesRepeat=1) to your request parameters.

Example 4 (Allow repeating of sending a message with same data):

Request:

<https://mobile.net.sa/sms/gw/?userName=MyUser&userPassword=MyPass&numbers=96655525555&userSender=Mobile.Sa&msg=00770065006C0063006F006D006500200074006F0020006D006F00620069006C0065002E006E00650074002E00730061&By=standard&YesRepeat=1>

Result:

1

4) SMS Scheduling (Later Sending)

You have the possibility to schedule your SMS sending if you don't want to send it right now by using the parameter **dateTimeSendLater**. The date and time must be in valid format;also, they must be in the future.

The acceptable format is: "yyyy-dd-mm – hh:mm:00"

Any incorrect date or old one not greater than the current date of the server is not accepted and the scheduling is not enabled that mean it will not be stored message in our.

Example 5 (Schedule SMS Sending):

Request:

<https://mobile.net.sa/sms/gw/?userName=MyUser&userPassword=MyPass&numbers=966555525555&userSender=Mobile.Sa&msg=00770065006C0063006F006D006500200074006F0020006D006F00620069006C0065002E006E00650074002E00730061&dateTimeSendLater=2014-12-30--23:59:00&By=standard&infos=YES>

Result:

JOB_ID:z6q1go9rdnvmk | Cost: 1 | Credit: 19309

Note:

You can view your message sent via the API in the list of scheduled messages (archived for later sending) in the SMS gateway (mobile.net.sa). If you delete a message from this list, it will be not sent and your balance will be credited with same amount deducted.

5) Account Balance

To check your balance you can use the following HTTP request:

```
https://mobile.net.sa/sms/gw/Credits.php?{PARAMETERS}
```

Required Parameters

The following parameters are **required** in your request (GET/POST) to send the message:

PARAMETER	DESCRIPTION
userName	Account Username.
userPassword	Account Password.
userSender	Alphanumeric sender ID enabled for the message you wish to send.
By	Possible values: standard . The type of the API. You must include the type of the used API (i.e. By=standard).

Optional Parameters

You may include the following parameters:

PARAMETER	DESCRIPTION
return	Possible values: XML . Add to your required parameters (&return=XML) to get your request results in XML format.

Example 6(Checking your balance):

Request:

<https://mobile.net.sa/sms/gw/Credits.php?userName=MyUser&userPassword=MyPass&By=standard>

Result:

1500

Meaning:

You have 1500 credits or points in your current balance.

You may get some codes also in case of errors or abnormal processing.

All codes and their descriptions:

0

Incomplete information. Username or password.

00

A username or password is empty.

000

Wrong data entry.

0000

Balance is 0.

Example 6(Checking your balance with XML format as result):

Request:

<https://mobile.net.sa/sms/gw/Credits.php?userName=MyUser&userPassword=MyPass&By=standard&return=XML>

Result:

```
<MyCredit>
<ResultCredit>
<Credit>1500</Credit>
<Message> has been successfully balance checking</Message>
</ResultCredit>
</MyCredit>
```

Meaning:

Same results as the previous request but in XML format.

6) Senders

You can list all your available and registered senders related to your account. The URL to access and list your sender names is (you have the possibility to request data via GET or POST methods):

<https://mobile.net.sa/sms/gw/Sender.php?{PARAMETERS}>

Required Parameters

The following parameters are **required** in your request (GET/POST) to send the message:

PARAMETER	DESCRIPTION
userName	Account Username.
userPassword	Account Password.
By	Possible values: standard . The type of the API. You must include

the type of the used API (i.e. By=standard).

Optional Parameters

You may include the following parameters:

PARAMETER	DESCRIPTION
return	Possible values: XML . Add to your required parameters (&return=XML) to get your request results in XML format.

Example 7(Get Sender names):

Request:

<https://mobile.net.sa/sms/gw/Sender.php?userName=MyUser&userPassword=MyPass&By=standard>

Result:

Mobile.Sa | ot.com.sa | e-school.sa | school

Meaning:

The sender names or sender IDs are all returned delimited by the symbol "|".
In our example, we got 4 registered sender names that we could send a message by every one of them.

All codes and their descriptions:

1010

Incomplete information. Username or password.

1020

Wrong data entry.

1030

List of your senders name is empty.

Example 8(Get send names with XML format):

Request:

<https://mobile.net.sa/sms/gw/Sender.php?userName=MyUser&userPassword=MyPass&By=standard&return=XML>

Result:

```
<ListSenderNamesActive>
<SenderNames>
<name>Mobile.Sa</name>
</SenderNames>
<SenderNames>
<name>ot.com.sa</name>
</SenderNames>
<SenderNames>
<name>e-school.sa</name>
</SenderNames>
<SenderNames>
<name>school</name>
</SenderNames>
</ListSenderNamesActive>
```

Meaning:

Same results as the previous request but in XML format.

7) Categories

7.1) Create New Category

If you want to create a new category for categorizing and organizing your contacts numbers, you should request the following API URL (both GET/POST methods are acceptable):

<https://mobile.net.sa/sms/gw/cat.php?{PARAMETERS}>

Required Parameters

The following parameters are **required** in your request (GET/POST) to send the message:

PARAMETER	DESCRIPTION
userName	Account Username.
userPassword	Account Password.
catname	Category or Group Name to add.
By	Possible values: standard . The type of the API. You must include the type of the used API (i.e. By=standard).

Optional Parameters

You may include the following parameters:

PARAMETER	DESCRIPTION
return	Possible values: XML . Add to your required parameters (&return=XML) to get your request results in XML format.

Example 9(Create new category):

Request:

<https://mobile.net.sa/sms/gw/cat.php?userName=MyUser&userPassword=MyPass&catname=friends>

Result:

35039

Meaning:

The number returned means that the category was successfully created. This number is the category ID that will be useful in the next requests if you intend to add a specific phone number to this category.

1010

Incomplete information. Username, password or group name.

1020

Login Information is incorrect.

Example 10 (Create new category with XML format):

Request:

<https://mobile.net.sa/sms/gw/cat.php?userName=MyUser&userPassword=MyPass&catname=friends&return=XML>

Result:

```
<MyCategory>
<CreateCategory>
<CatId>153250</CatId>
<Message>Group has been successfully created and its number is 153250</Message>
</CreateCategory>
</MyCategory>
```

Meaning:

Same results as the previous request but in XML format.

7.2) List Categories

List your current categories is possible by requesting the following API URL (GET/POST both acceptable):

<https://mobile.net.sa/sms/gw/cat.php?{PARAMETERS}>

Required Parameters

The following parameters are **required** in your request (GET/POST) to send the message:

PARAMETER	DESCRIPTION
userName	Account Username.
userPassword	Account Password.
getcat	Possible values: Any value. i.e. (&getcat=yes).
By	Possible values: standard . The type of the API. You must include the type of the used API (i.e. By=standard).

Optional Parameters

You may include the following parameters:

PARAMETER	DESCRIPTION
return	Possible values: XML . Add to your required parameters (&return=XML) to get your request results in XML format.

Example 9(List all you categories):

Request:

<https://mobile.net.sa/sms/gw/cat.php?userName=MyUser&userPassword=MyPass&getcat=yes>

Result:

14148@family@12 | 14162@friends@150

Meaning:

The returned items are separated by the symbol "|". Each Item is composed with 2 parts which also delimited by arroba symbol "@".

In our result, we have 2 items:

- 1) **14148@family**, the number 14148 is the first part design the category ID named "family", the second part "family" is the name of the category, the third part "12" is numbers count of the category
- 2) **14162@friends**, the number 14162 is the first component design the category ID named "friends", the second component, "friends" is the name of the category, the third part "150" is numbers count of the category

Codes and their descriptions:

1010

Incomplete information. Empty Username, password, or getcat.

1020

Login Information is incorrect.

Example 10(List all your categories with XML format):

Request:

<https://mobile.net.sa/sms/gw/cat.php?userName=MyUser&userPassword=MyPass&getcat=yes&return=XML>

Result:

```
<MyCategory>
<CategoriesDisplay>
<CatId>14148</CatId>
<CatName>family</CatName>
<NumbersCount>12</NumbersCount>
</CategoriesDisplay>
<CategoriesDisplay>
<CatId>14162</CatId>
<CatName> second secondary</CatName>
<NumbersCount>150</NumbersCount>
</CategoriesDisplay>
</MyCategory>
```

Meaning:

Same results as the previous request but in XML format.

7.3) Add Number and Name

If you have an existing category or group, you can add to it and fill it with your contact names and their phone numbers. Therefore, you can request the following API URL to accomplish this job. You should note that both http methods GET/POST are usable:

<https://mobile.net.sa/sms/gw/cat.php?{PARAMETERS}>

Required Parameters

The following parameters are **required** in your request (GET/POST) to send the message:

PARAMETER	DESCRIPTION
userName	Account Username.
userPassword	Account Password.
catid	The Category ID.
number	The phone number to be add in the group.(Contact number).
name	The person name that has this number.(Contact name).

Optional Parameters

You may include the following parameters:

PARAMETER	DESCRIPTION
return	Possible values: XML . Add to your required parameters (&return=XML) to get your request results in XML format.

Example 11(Add name and number to a category):

Request:

<https://mobile.net.sa/sms/gw/cat.php?userName=MyUser&userPassword=MyPass&catid=35039&number=96651111111&name=rachid>

Result:

966511111111

Meaning:

The number of the new added contact is returned when a successful operation was occurred.

All Codes With Descriptions:

1010

Incomplete information. Username, password, category ID, mobile number or contact name.

1020

Login Information is incorrect.

1030

Please enter a correct ID of the category.

1040

Added number doesn't contain 12 digits.

1050

Added number starts with 0 or 00.

1060

Added number doesn't starts with 966.

1070

This number and name already exist in this category.

Example 12(Add name and number to a category with XML format):

Request:

<https://mobile.net.sa/sms/gw/cat.php?userName=MyUser&userPassword=MyPass&catid=35039&number=966511111111&name=rachid&return=XML>

Result:

```
<MyCategory>
<AddNumberAndName>
<number>966511111111</number>
<Message> The number 966511111111 added successfully </ Message>
<AddNumberAndName/>
</MyCategory>
```

Meaning:

Same results as the previous request but in XML format.

7.4) List All Contacts In a Category.

While working with categories, as we seen above, we can create a new category and add contacts to any existing category. If you need to browse a category or list all contained numbers and names, you simply can send a request:

<https://mobile.net.sa/sms/gw/cat.php?{PARAMETERS}>

Required Parameters

The following parameters are **required** in your request (GET/POST) to send the message:

PARAMETER	DESCRIPTION
userName	Account Username.
userPassword	Account Password.
id_cat	The Category ID.
number	The phone number to be add in the group. (Contact number).
name	The person name that has this number.(Contact name).

Optional Parameters

You may include the following parameters:

PARAMETER	DESCRIPTION
return	Possible values: XML . Add to your required parameters (&return=XML) to get your request results in XML format.

Example 12(List all numbers):

Request:

https://mobile.net.sa/sms/qw/cat.php?userName=MyUser&userPassword=MyPass&id_cat=35039

Result:

5502572@966511111111@rachid|5502572@966511111111@ahmed

Meaning:

The returned items are separated by the symbol "|". Each Item is composed with 3 components which also delimited by arroba symbol "@".

In our result, we have 2 items:

- 1) **5502572@966511111111@rachid**, designs category id, number and name.
- 2)
- 3) **5502572@966511111111@ahmed**, designs category id, number and name.

All Codes With Descriptions:

1010

Incomplete information. Username, password, or group id.

1020

Login Information is incorrect.

1030

There are no numbers, empty group or category.

1040

Please enter a correct category id.

Example 14(List all numbers with XML format):

Request:

https://mobile.net.sa/sms/gw/cat.php?userName=MyUser&userPassword=MyPass&id_cat=35039&return=XML

Result:

```
<MyCategory>
<NumbersDisplay>
<Mid>5502572</Mid>
<Mobile>966511111111</Mobile>
<Name>Rachid</Name>
</NumbersDisplay>
<NumbersDisplay>
<Mid>5502573</Mid>
<Mobile>966522222222</Mobile>
<Name>Abdellatif</Name>
</NumbersDisplay>
<NumbersDisplay>
<Mid>5502574</Mid>
<Mobile>966533333333</Mobile>
<Name>Ahmed</Name>
</NumbersDisplay>
</MyCategory>
```

Meaning:

Same results as the previous request but in XML format.

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