

Web Services interface– Technical specifications
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1. Introduction

SmsHosting provides access to its systems using the web service interface to enable client applications to send SMS to mobile devices.

In order to use the specification in this document it is necessary to have an account with smshosting.it.

2. WSDL and Web Service URL

The URL of the WSDL of the web service is:

<http://ws.smshosting.it/smsWS/services/smsService?wsdl>

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<http://ws.smshosting.it/smsWS/services/smsService>

3. Sending text message

3.1 Method:

send

3.2 Purpose:

Submit an SMS text message to the gateway using a simple request. A message that exceeds 160 characters will be truncated.

3.3 Parameters:

<i>Parameter</i>	<i>Mandatory</i>	<i>Type</i>	<i>Description</i>
username	yes	String	account username
password	yes	String	account password. The password should be the clear password or the MD5 encoding of password.
numbers	no	Msisdn[]	mobile telephone number(s). See ComplexType for Msisdn definition.
groups	no	String[]	name of phone group(s) of phone book
text	yes	String	Text of message
from	no	String	Originating address or source address of short message. (Default: sender id of account configuration.)
dateTime	no	String	The format permitted is: yyyyMMddHHmmssSSSZ "yyyy" for the year, "MM" for the month, "dd" for the day, "HH" for the hour, "mm" for the minute, "ss" for the second, "SSS" for the millisecond, and "z" for the timezone If this parameter is valued the message is sent at date and time specified

<u>Parameter</u>	<u>Mandato ry</u>	<u>Type</u>	<u>Description</u>
transactionId	no	String	A customer identifier. It is useful for mark all sms sent with a call with same transaction id and subsequently obtain the status of all messages with this transaction id.

Result:

<u>Type</u>	<u>Description</u>
Result[]	If there are a general error will be returned only one Result object. Otherwise will be returned one Result object for each sms inserted. See ComplexType for Result definition.

3. 4 ComplexType:

Msisdn

<u>Parameter</u>	<u>Mandato ry</u>	<u>Type</u>	<u>Description</u>
customerId	no	String	A customer identifier of sms. This parameter is useful in order to manage the Result object.
number	yes	String	Mobile telephone number. For example 393470000000 or +393470000000

Result

<u>Parameter</u>	<u>Mandato ry</u>	<u>Type</u>	<u>Description</u>
msisdn	no	Msisdn	The original Msisdn received in input
internalId	yes	String	The smshosting id associated with sms
status	yes	String	Code with the main status of sms. See status table for details.
statusDetail	yes	String	Code with detail status of sms. See statusDetail table for details.
transactionId	no	String	The original transaction id if it was passed in input. A generated transactionId otherwise.

3. 5 Status code :

<u>Code</u>	<u>Description</u>
PENDING	ok. Sms queued for sending
SENT	ok. Sms sent to mobile operator
NOSENT	ko. Sms no sent to mobile operator

<i>Code</i>	<i>Description</i>
DELIVERED	ok. Sms delivered to mobile phone
NOTDELIVERED	ko. Sms not delivered to mobile phone
NOTINSERTED	ko. Sms not inserted on gateway

3. 6 StatusDetail:

<i>Type</i>	<i>Description</i>
GENERICERROR	Unknown error.
BADSENDERID	Originating address or source address of short message not correct. (see 'from' input parameter)
BADCREDIT	Error on calculate credit
NOCREDIT	Insufficient Credit
DUPLICATESMS	Sms already inserted in the last 24 hours. Thi is an error of antispam.
BADDATE	Bad Format or value of dateTime input
BADPENDING	Error on calculate credit
BADTRANSACTIONID	Bad format of transaction id
BADNUMBERFORMAT	Bad mobile telephone number. (see property number of Msisdn object)
BADLOGIN	Bad username or password.
MISSINGTEXT	Bad text message

4. Informations on status of sms

4. 1 Method:

getSmsStatus

4. 2 Purpose:

Get the status of sms.

4. 3 Parameters:

<i>Parameter</i>	<i>Mandatory</i>	<i>Type</i>	<i>Description</i>
username	yes	String	account username
password	yes	String	account password. The password should be the clear password or the MD5 encoding of password.
internalId	no	int[]	the id(s) of sms of which you should obtain status. This is the id returned on property 'internalId' of Result object.
transactionId	no	String	if this parameter is set the method returns the status of all sms associated with this transactionId.

Result

<i>Type</i>	<i>Description</i>
Result[]	If there are a general error will be returned only one Result object. Otherwise will be returned one Result object for each sms inserted. See 3.4 ComplexType for Result definition.

4. 4 Status code :

<i>Code</i>	<i>Description</i>
PENDING	ok. Sms queued for sending
SENT	ok. Sms sent to mobile operator
NOSENT	ko. Sms no sent to mobile operator
DELIVERED	ok. Sms delivered to mobile phone
NOTDELIVERED	ko. Sms not delivered to mobile phone
NOTINSERTED	ko. Sms not inserted on gateway

4. 5 StatusDetail:

<i>Type</i>	<i>Description</i>
GENERICERROR	Unknown error.
BADLOGIN	Bad username or password.

5. Get account informations

5. 1 Method:

userInfo

5. 2 Purpose:

Get the information about user account

5. 3 Parameters:

<i>Parameter</i>	<i>Mandatory</i>	<i>Type</i>	<i>Description</i>
username	yes	String	account username
password	yes	String	account password

Result:

Type	Description
UserInfo	This object contains all information about user.If there are a general error will be returned one UserInfo with all properties empty.

5.4 ComplexType:

Msisdn

Parameter	Mandatory	Type	Description
name	yes	String	
lastname	yes	String	
username	yes	String	
email	yes	String	
businessname	no	String	
address	yes	String	
city	yes	String	
postcode	yes	String	
province	yes	String	
country	yes	String	
birthdate	no	String	
phone	yes	String	
msisdn	yes	String	
sender	yes	String	
taxcode	no	String	
vatnumber	no	String	
credit	yes	double	
italysms	yes	long	
internationalsms	yes	long	