

Single SMS API

Note on HTTP connections: please limit yourself to one concurrent connection, i.e., in your code, send with only one thread/process.

URL (Single SMS):

[http://api.znisms.com/post/smsv3.asp?userid=joinus&apikey=xxx&message=Your+Message & senderid=9123123456&sendto=9123123457](http://api.znisms.com/post/smsv3.asp?userid=joinus&apikey=xxx&message=Your+Message&senderid=9123123456&sendto=9123123457)

Required parameters:

- **userid:** your ZNI username
- **apikey:** API key issued to you by ZNISMS. Kindly note API KEY is always different than your ZNISMS password. API KEY is case sensitive so, please be careful for it.
- **message:** max 158 chars for text
- **senderid:** mobile no. or name (Max. 11 characters) from which you want to send SMS. (Mobile no. will be sent in case of Reliance and for all other operators only alphanumeric ID will be supported.)
- **sendto:** any valid mobile no. without +91 or 91 or 0 (only 10 digit mobile no.)

Returns:

status_code #message_id or error description

Possible values for status_code are:

- 20: Account Locked
- 21: Account Expired
- 22: Internal fatal error
- 23: Authentication failure
 - 23x01: User credentials not matched.
 - 23x02: Either API access is not enabled for your account or API key is invalid. Check up with ZNISMS Support.
 - 23x03: Current IP address not configured for sending SMS.
 - 23x10: API key not valid
- 24: Data validation failed
 - 24x04: Destination mobile number not valid
 - 24x05: Gateway not set for your account
 - 24x06: Invalid senderid
 - 24x07: Numeric senderid not allowed on GSM destinations
 - 24x08: Not allowed to use this senderid
 - 24x09: Not allowed to use alphanumeric CLI on Reliance
 - 24x10: Message length exceeds limit
- 25: You do not have sufficient credits
- 26: Upstream credits not available
- 27: You have exceeded your daily quota
- 28: Upstream quota exceeded
- 40: Temporarily unavailable
- **50: Message submitted to SMSC for delivery.**
 - E.g.: 50 #100001

100001 is the message number which you just submitted.

Note: you should attempt to resend if you receive status code 40. You could also do so if you receive 26 or 28, which might have been resolved after several resend attempts. All other errors should be considered fatal.

Any HTTP status code other than 200 should be considered transient, i.e. you should attempt to resend after some interval.

The current url is: <http://api.znisms.com/post/message.asp>

Limitations:

- SMS can't be send on a CDMA (Reliance mobile) with a alphanumeric sender id

For more details or support kindly visit <http://support.webstarindia.com> or mail us on info@zni.co.in

- SMS can't be send on a Reliance Mobile from another Reliance mobile or landline number
- All PDU (binary) format SMS are blocked currently or may charged more then one SMS credit i.e. you can't send Ringtones, Operator Logos, Picture Message from this API.
- Only 70 characters allowed in a flash message.
- **Do not use any mobile number as a sender id (CL) for GSM mobiles as it is not allowed as per TRAI notification.**

NOTE: While using 10 digit no as a sender ID, Please keep in mind that it should be a valid mobile number and should be owned by you. We will not take any guarantee of delivery if, the number used in the sender id field is not a valid number.

Please note these limitations are imposed by the SMSC and not by us.

Check your balance via URL

<http://api.znisms.com/crinfo/userinfov3.asp?userid=your-userid&apikey=your-apikey>

Check Delivery Report via URL

<http://api.znisms.com/crinfo/drinfov3.asp?userid=your-userid&apikey=api-key&msgid=100001>

- userid: your znisms userid
- pwd: your znisms password
- msgid: ID returned by our HTTP URL

Returns:

- Message ID#Delivered
- Message ID#Submitted
- Message ID#Failed-0

How to use HTTP API main URL and Backup URL (ASP Example)

Kindly test the following example before implementing on a production server. This example is provided to give you just an overview of how to implement our API in your application. **No support will be provided for this example.** For more information on ServerXMLHTTP please [click](#) here.

```
<%
Dim objXmlHttpMain, objXmlHttpBackup
Set objXmlHttpMain = Server.CreateObject("Msxml2.ServerXMLHTTP")
on error resume next
objXmlHttpMain.open "GET", "Put API URL Here", False
objXmlHttpMain.setRequestHeader "Content-Type", "text/urlencoded"
objXmlHttpMain.send
if err.number <> 0 then
err1 = err.description
end if
if objXmlHttpMain.status >= 400 and objXmlHttpMain.status <= 599 then
*****Now trying backup url*****
Set objXmlHttpBackup = Server.CreateObject("Msxml2.ServerXMLHTTP")
on error resume next
objXmlHttpBackup.open "GET", "Put Backup API URL Here", False
objXmlHttpBackup.setRequestHeader "Content-Type", "text/urlencoded"
objXmlHttpBackup.send
if err.number <> 0 then
err1 = err.description
end if
if objXmlHttpBackup.status >= 400 and objXmlHttpBackup.status <= 599 then

msg = "Both Gateways are down, Please try after some time."

else

if objXmlHttpBackup.status = 200 then
msg = "Message Delivered Successfully via Backup Gateway"
else
msg = "Error Occurred, Please consult ZNISMS at sms.zni.in@gmail.com"
```

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```
end if
```

```
end if
```

```
'***** End of Backup URL*****'
```

```
else
```

```
if objXmlHttp.status = 200 then
```

```
msg = "Message Delivered Successfully"
```

```
else
```

```
msg = "Some Error Occurred"
```

```
end if
```

```
response.write = msg
```

```
end if
```

```
%>
```

XML API (One to Many)

Note on HTTP connections: please limit yourself to one concurrent connection, i.e., in your code, send with only one thread/process.

Please do not call us for implementing XML API at your end in different programming languages. We are not providing any help regarding implementation of XML API at user end. If, you found any bug please send the details at info@zni.co.in.

URL (Single or Group SMS):

<http://api.znisms.com/post/xmlsmsv3.asp>

Format:

```
<?xml version='1.0' encoding='ISO-8859-1' ?>
<push>
<from>userid$apikey</from>
<gsm>any_id</gsm>
<cdma>gsm_mobile_no</cdma>
<message><![CDATA[message]]></message>
<mobilenos>
<nos>993555512</nos>
<nos>91993555512</nos>
<nos>91993555512</nos>
<nos>993555512</nos>
<nos>993555512</nos>
</mobilenos>
</push>
```

- **userid:** your ZNI username
- **API Key:** your ZNI API KEY(Please note \$ (dollar) sign between userid and password). You can get it from support
- **message:** max 160 chars for text. Please put the data in between of CDATA tags only.
- **gsm:** mobile no. or name (Max. 11 characters) from which you want to send SMS. (we do not recommend alphanumeric sender id as many of operators doesn't support this feature, so your account will be charged without delivering the message). This ID will be sent to all GSM mobiles e.g. Airtel, BSNL, Idea, Hutch, Orange, BPL, AirCel etc
- **cdmaid:** Your GSM mobile number. This ID will be sent to CDMA numbers like Reliance and TATA. (10 digit only).
- **nos:** These are the destination numbers on which you want to send SMS.

* SandBox URL can be used for testing purpose i.e. to check how our API will respond to your queries without utilizing any credits from your account. It's a dummy API with all the functionalities of the original URL but you can't send SMS from this.

For Sandbox testing please use userid and password as temp\$temp.

Returns:

```
<?xml version='1.0' encoding='ISO-8859-1' ?>
<receipt>
<response>
<mob>destination_mobile_no1</mob>
<msgid>system_generated_id1</msgid>
</response>
<response>
<mob>destination_mobile_no2</mob>
<msgid>system_generated_id2</msgid>
</response>
<error>Error Message</error>
</receipt>
```

Possible values for Error Messages are:

- 20: Account Locked
- 21: Account Expired
- 23: Authentication failure
- 24: Data validation failed
- 25: You do not have sufficient credits
- 40: Temporarily unavailable
- 50: Message submitted to SMSC for delivery.

For more details or support kindly visit <http://support.webstarindia.com> or mail us on info@zni.co.in

Note: you should attempt to resend if you receive status code 40. You could also do so if you receive 26 or 28, which might have been resolved after several resend attempts. All other errors should be considered fatal.

Any HTTP status code other than 200 should be considered transient, i.e. you should attempt to resend after some interval.

Limitations:

- SMS can't be send on a CDMA with a alphanumeric senderid
- SMS cant't be send on a Reliance India Mobile from another Reliance India Mobile number
- All PDU (binary) format SMS are blocked currently or may charged more then one SMS credit i.e. you can't send Ringtones, Operator Logos, Picture Message from this API.
- Only 70 characters allowed in a flash message.
- **Do not use any mobile number as a sender id (CL) for GSM mobiles as it is not allowed as per TRAI notificaion.**

NOTE: While using 10 digit no as a sender ID, Please keep in mind that it should be a valid mobile number and should be owned by you. We will not take any guarantee of delivery if, the number used in the sender id field is not a valid number.

Please note these limitations are imposed by the SMSC and not by us.

XML API (Many to Many)

Note on HTTP connections: please limit yourself to one concurrent connection, i.e., in your code, send with only one thread/process.

Please do not call us for implementing XML API at your end in different programming languages. We are not providing any help regarding implementation of XML API at user end. If, you found any bug please send the details at info@zni.co.in.

URL (Single or Group SMS):

<http://api.znisms.com/post/xmlmultismv3.asp>

Format:

```
<?xml version='1.0' encoding='ISO-8859-1'?>
<push>
<authentication>
  <userid>your znisms userid</userid>
  <apikey>32 bit key</apikey>
</authentication>
<senderid>
  <gsm>znisms</gsm>
  <cdma>9123456789</cdma>
</senderid>
<config>
  <multisubmit>False</multisubmit>
</config>
<pushpacket>
  <packet>
    <message><![CDATA["test message"]] ></message>
    <mobilenumber>9123451234</mobilenumber>
  </packet>
  <packet>
    <message><![CDATA["test message"]] ></message>
    <mobilenumber>9123451234</mobilenumber>
  </packet>
  <packet>
    <message><![CDATA["test message"]] ></message>
    <mobilenumber>9123451234</mobilenumber>
  </packet>
</pushpacket>
</push>
```

Parameters:

Authentication - Userid: znisms userid
 Authentication - Apikey: 32 bit API key provided by us
 Senderid – gsm: your GSM sender id configured with us
 Senderid – cdma: your CDMA sender id configured with us
 Config – multisubmit: keep it to False
 Pushpacket – packet – message: The message you want to send
 Pushpacket – packet – mobilenumber: Destination mobile number

If, config – multisubmit is set to True then pushpacket structure should be like this;

```
<pushpacket>
  <packet>
    <message><![CDATA["test message"]] ></message>
  </packet>
  <packet>
    <mobilenumber>9123451234</mobilenumber>
  </packet>
  <packet>
    <mobilenumber>9123451234</mobilenumber>
  </packet>
</pushpacket>
```

Here first packet should contain the message part and other packets should contain the mobile numbers on which messages should be delivered. Kindly note that all mobile numbers will get the same message which is mentioned in packet one.

Returns:

```
<?xml version='1.0' encoding='ISO-8859-1' ?>
<receipt>
<response>
  <mob>destination_mobile_no1</mob>
  <msgid>system_generated_id1</msgid>
```

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```

</response>
<response>
<mob>destination_mobile_no2</mob>
<msgid>system_generated_id2</msgid>
</response>
<error>Error Message</error>
</receipt>

```

Possible values for Error Messages are:

- 20: Account Locked
- 21: Account Expired
- 23: Authentication failure
- 24: Data validation failed
- 25: You do not have sufficient credits
- 40: Temporarily unavailable
- **50: Message submitted to SMSC for delivery.**

Note: you should attempt to resend if you receive status code 40. You could also do so if you receive 26 or 28, which might have been resolved after several resend attempts. All other errors should be considered fatal.

Any HTTP status code other than 200 should be considered transient, i.e. you should attempt to resend after some interval.

Limitations:

- SMS can't be send on a CDMA with a alphanumeric senderid
- SMS cant't be send on a Reliance India Mobile from another Reliance India Mobile number
- All PDU (binary) format SMS are blocked currently or may charged more then one SMS credit i.e. you can't send Ringtones, Operator Logos, Picture Message from this API.
- Only 70 characters allowed in a flash message.
- **Do not use any mobile number as a sender id (CLI) for GSM mobiles as it is not allowed as per TRAI notificaion.**

NOTE: While using 10 digit no as a sender ID, Please keep in mind that it should be a valid mobile number and should be owned by you. We will not take any guarantee of delivery if, the number used in the sender id field is not a valid number.

Please note these limitations are imposed by the SMSC and not by us.

Example (ASP)

```

Dim objXmlHttp
Set objXmlHttp = Server.CreateObject("Msxml2.ServerXMLHTTP")
datedd = now
on error resume next
objXmlHttp.open "POST", "http://api.znisms.com/post/xmlmultismsgv3.asp", False
objXmlHttp.setRequestHeader "Content-Type", "text/xml"
objXmlHttp.setTimeouts 15000,15000,15000,15000
dataStr = "<?xml version='1.0' encoding='ISO-8859-1'?>" & _
"<push>" & _
"<authentication>" & _
"<userid>abcdefgh</userid>" & _
"<apikey>6083675a9b6035douh2909630fbbc0152</apikey>" & _
"</authentication>" & _
"<senderid>" & _
"<gsm>znisms</gsm>" & _
"<cdma>9935555512</cdma>" & _
"</senderid>" & _
"<config>" & _
"<multisubmit>False</multisubmit>" & _
"</config>" & _
"<pushpackets>" & _
"<packet>" & _
"<message><![CDATA["test message for 9876543210 & checking" XML API + special @ # $ % characters]]></message>" & _
"<mobilen0>91900000000</mobilen0>" & _
"</packet>" & _
"<packet>" & _
"<mobilen0>9300000000</mobilen0>" & _
"<message><![CDATA["test message for 9876543210 & checking" XML API + special @ # $ % characters]]></message>" & _

```

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```
"</packet>"&_
"<packet>"&_
"<message><![CDATA["test message for 9876543210 & checking" XML API + special @ # $ % characters]]></message>"&_
"<mobilen>9220000000</mobilen>"&_
"</packet>"&_
"</pushpacket>"&_
"</push>"
```

'Multisubmit - True allows same message to be delivered to all recipients

```
objXmlHttp.send dataStr
response.contentType = "text/xml"
response.write objXMLHttp.responsetext '&' - "& objXmlHttp.status
'if err.number <> 0 then
'response.status = "500"
'response.write "Error Occured: "& err.description &" "& objXmlHttp.status
'end if
Set objXmlHttp = Nothing
```