

Overview

- SMS gateway/URL can also be called from the database by scheduling a job or by creating a script in the DB.
- Generally the preferred databases are Oracle 9i, 10g, SQL Server & MYSQL and it is easy to create & schedule a job to process some data.
- Use Stored procedures to access the gateway
- Create function or scripts using programming Language (PHP, .NET, or JAVA).
- For Linux servers assign cron jobs or for windows scheduler to run a quick script every 5 minutes which read the data from DB to compose, & submit a batch of messages.
- API's can be used for large bulk push upto 50,000 message per hour
- Gateway returns msgid as acknowledgment which can be used to get final delivery reports

Terminology

PARAM	VALUES
usr	loginID
pwd	Password
msisdn	Mobile number {to be prefixed by country code viz 919873303161}
smstext	Text
texttype	1 for English, 2 for Unicode/Arabic
Scdate	Schedule date { DD-MM-YYYY HH:MM:SS } { NOT MANDATORY}
senderid	Use registered Sender Id to send message
Msgid	Message ID /Response provided by the service
Msg_via	Any Value(upto 10 Characters) Viz : API or 123456

Credit Counters

Normal/ English	Unicode/Arabic
1 - 160 = 1 SMS Credits, 160 characters	1 - 70 = 1 SMS Credits, 70 characters
161 - 306 = 2 SMS Credits, 145 characters	71 - 126 = 2 SMS Credits, 55 characters
307 - 459 = 3 SMS Credits, 152 characters	127 - 189 = 3 SMS Credits, 62 characters
460 - 612 = 4 SMS Credits, 152 characters	190 - 252 = 4 SMS Credits, 62 characters
613 - 765 = 5 SMS Credits, 152 characters	253 - 315 = 5 SMS credits, 62 characters
766 - 918 = 6 SMS Credits, 152 characters	316 - 378 = 6 SMS Credits, 62 characters
919 - 1071 = 7 SMS Credits, 152 characters	379 - 441 = 7 SMS credits, 62 characters

API' s

SERVICE	ACCESS
PUSH	http://api.myserviceaccess.com/httpapi.php?usr=loginid&pwd=password&msisdn=mobileno&smstext=text&texttype=text-type&scdate=date&senderid=SenderID&msg_via=api
DLR	http://api.myserviceaccess.com/httpapidr.php?usr=loginid&pwd=password&msgid=XXX XX

BALANCE	http://api.myserviceaccess.com/httpapi-bal.php?usr=loginid&pwd=password
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PUSH

http://api.myserviceaccess.com/httpapi.php?usr=loginid&pwd=password&msisdn=mobileno&smstext=text&texttype=text-type&scdate=date&senderid=SenderId&msg_via=API

Access by: Post method

Each message returns an acknowledgement param **msgid**. This is captured by HTTP POST/GET. Msgid is unique for each post and is used to retrieve DLR from the system.

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* not mandatory

Acknowledgement /Response

Message Id=115 msisdn=919873303161,Total Balance Used=0.00021, Current Status = Sent

Mobile number (msisdn)

- Always prefix mobile numbers to prefixed with country code viz : 97333159550, 919811838797
- Don't use + or 00 or 0 as prefix, system will reject such messages

Sender ID

- 11 Character Alphanumeric- Globally
- 6 Characters for India message termination
- No special characters or space are allowed

Schedule Date(Time Format)

- DD-MM-YYYY HH:MM:SS example as: 09-12-2014 16:41:42
- DD/MM/YYYY HH:MM:SS example as: 09/12/2014 16:41:42

DLR

<http://api.myserviceaccess.com/httpapidr.php?usr=loginid&pwd=password&msgid=XXXXX>

- Call the DLR API with response msgid=115 to receive the via Post

Response

Message Status=Delivered Message ID=115

Check Account Balance

<http://api.myserviceaccess.com/httpapi-bal.php?usr=loginid&pwd=password>

- Call the balance API to receive the account balance via post

Response

Remaining Balance=9979.698929