

HTTP – API

J2ME/HTTP SMS Client-Server Connect Gateway

This document is intended to provide information about J2ME/HTTP SMS client server content parameter and standard response against each request.

Content

1. User Verification
2. SMS Send
3. Delivery Report
4. Report (MIS)

Access to the gateway for content verification is via internet. The gateway offers different url's for different -2 content which will connected to the server to process the information.

Valid method to connect to the gateway are GET or POST. To ensure security you will be given a username and password that is specific to user account.

Content Detail

1. User Verification

The url is:

POST URL <http://api.smsroutes.com:8080/server/login/>

GET URL <http://api.smsroutes.com:8080/server/login/?login=bikram&password=bikram>

Login url parameter:

login -> Client userid.
Password -> Client password.

Each parameter will be separated by &

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Login url response:

a.) If userid and pass value matched

Resp: status=1&credit=100&client=dj8E10p&permission=1&sender=Bineet

status=1	->	Login valid
credit=100	->	User credit remaining
client=dj8E10p	->	Client ID
permission=1	->	Reg User, if 0 then Demo User
sender=Bineet	->	Default From

b.) If server connection NULL

Resp: status=0&message=Server-Connection-NULL

status=0	->	Server Connection NULL
message=Server- Connection- NULL	->	Standard Reply Message

c.) If user not exist or userid and pass not matched

Resp: status=0&message=User-Invalid

status=0	->	Login Invalid: User Not Exist with userid and pass values
message=User- Invalid	->	Standard Reply Message

d.) If user not active

Resp: status=0&message=User-Not-Authorized

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status=0 -> User Not Active
message=User- -> Standard Reply Message
Not-
Authorized

e.) **If user credit are less or empty**

Resp: status=0&message=Credit-Less

status=0 -> User Credit Are Less
message=Credit- -> Standard Reply Message
Less-

g.) **If any parameter is missing**

Resp: status=0&message=Parameter-Missing

status=0 -> Parameter missing status
message=Parameter -> Standard Reply Message
Missing

h.) **If No parameter**

Resp: visit: www.positivecomsol.com

2. SMS Send

The url for TEXT or UCS:

TEXT - Text Message (160 chars per msg)
UCS - Unicode Message (70*4 chars)

POST URL <http://api.smsroutes.com:8080/server/sendsms/>

GET URL TEXT

<http://api.smsroutes.com:8080/server/sendsms/?login=bikram&password=bikram&clie>

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[ntid=ty5T9800&receiver=9198xxxxxxx&message=Hello me
fine&message_type=TEXT&sender=Bikram](http://api.smsroutes.com:8080/server/sendsms/?login=bikram&password=bikram&clientid=ty5T9800&receiver=9198xxxxxxx&message=Hello%20me%20fine&message_type=TEXT&sender=Bikram)

GET URL UCS

[http://api.smsroutes.com:8080/server/sendsms/?login=bikram&password=bikram&clientid=ty5T9800&receiver=9198xxxxxxx&message=<ucs-
msg>&message_type=UCS&sender=Bikram](http://api.smsroutes.com:8080/server/sendsms/?login=bikram&password=bikram&clientid=ty5T9800&receiver=9198xxxxxxx&message=<ucs-
msg>&message_type=UCS&sender=Bikram)

The url for CTEXT or CUCS:

CTEXT - Concatenated Text Message (like 2 sms delivered as 1)
CUCS - Concatenated Unicode Message (like 2 unicode sms delivered as 1)

POST URL <http://api.smsroutes.com:8080/server/sendsms/>

GET URL TEXT

[http://api.smsroutes.com:8080/server/sendsms/?login=bikram&password=bikram&clientid=ty5T9800&receiver=9198xxxxxxx&message=Hello me
fine&message_type=CTEXT&sender=Bikram](http://api.smsroutes.com:8080/server/sendsms/?login=bikram&password=bikram&clientid=ty5T9800&receiver=9198xxxxxxx&message=Hello%20me%20fine&message_type=CTEXT&sender=Bikram)

GET URL UCS

[http://api.smsroutes.com:8080/server/sendsms/?login=bikram&password=bikram&clientid=ty5T9800&receiver=9198xxxxxxx&message=<ucs-
msg>&message_type=CUCS&sender=Bikram](http://api.smsroutes.com:8080/server/sendsms/?login=bikram&password=bikram&clientid=ty5T9800&receiver=9198xxxxxxx&message=<ucs-
msg>&message_type=CUCS&sender=Bikram)

The url for WAPB or BCARD or PICT or RING or LOGO or RTTTL:

POST URL <http://api.smsroutes.com:8080/server/sendsmsxp/>

GET URL [http://api.smsroutes.com:8080/server/sendsmsxp/?](http://api.smsroutes.com:8080/server/sendsmsxp/)

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GET URL BOOKMARK

http://api.smsroutes.com:8080/server/sendsmsxp/?login=bikram&password=bikram&clientid=ty5T9800&receiver=9198xxxxxxxx&message=SMS-URL\www.positivecomsol.com&message_type=WAPB&sender=Bikram

GET URL BUSINESS CARD

http://api.smsroutes.com:8080/server/sendsmsxp/?login=bikram&password=bikram&clientid=ty5T9800&receiver=9198xxxxxxxx&message=Bikram\n919810000000&message_type=BCARD&sender=Bikram

GET URL PICTURE/LOGO/RING/RTTTL

http://api.smsroutes.com:8080/server/sendsmsxp/?login=bikram&password=bikram&clientid=ty5T9800&receiver=9198xxxxxxxx&message=<respected binary value>&message_type=<respected message type as defined above>&sender=Bikram

WAPB	-	Bookmark Message
BCARD	-	Business Card Message
PICT	-	Picture Message
RING	-	Ring Tone
LOGO	-	Logo
RTTTL	-	Mono Ring Tone

WAPB: In Bookmark case the message will contain Bookmark Title & URL and both will be separated by new line character “\n” like

SMS-URL

<http://www.sms.com>

BCARD: In Business card case the message will contain BC Name & BC Mobile and these both will also be separated by new line character “\n” like

Bineet
919811100000

Parameter to send

Each parameter will be separated by &

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*login	->	Client Userid
*password	->	Client password
*clientid	->	Client Client-ID
*receiver	->	Receiver mobile numbers (country code+mobile number). If more than one then separated by comma (,)
*message	->	Message content
*message_type	->	Message type. Default 'TEXT'
*sender	->	Sender Name or Alias will be use against his userid
remoteip	->	Sender Machine IP
tmstamp	->	Message scheduling values (yyyyMMddHHmmssmmm)
network	->	User network to send. Default user stored network.

All parameter with * are mandatory to send. Remoteip, tmstamp and network field are optional to send. If user want to schedule any message at specific date and time then he has to add tmstamp values into smssend url.

tmstamp = 20050509142000000 (yyyyMMddHHmmssmmm)

Smssend url reponse:

a.) If successfully received

Resp: status=1&credit=609&message=SENT-919811100000,
7272YGH90-919811100001,7282GHY9~DESTERR-
919811200000,919811300000

status=1	->	Successfully Received status
credit= 609	->	Updated credit after sent
message=SENT	->	This will display the final status of message for each receiver First SENT-919811100000 then it will give

MSGID 7272YGH90 seprated by comma then again hyphen (-) for another sent mobile. Tilda (~) will be used for separating DESTERR receivers and each numbers will be separated by comma (,).

b.) If server connection null

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Resp: status=0&message=Server-Connection-NULL

status=0 -> Server Connection NULL status
message=Connection -> Standard Message
 NULL

c.) **If Given userid and pass are not matched**

Resp: status=0&message=User-invalid

status=0 -> Invalid user status
message=User- -> Standard Message
 invalid

d.) **If client-id is incorrect**

Resp: status=0&message=Client-Error

status=0 -> Incorrect clientid status
message=Client- -> Standard Message
 Error

e.) **If user not active**

Resp: status=0&message=User-Not-Authorized

status=0 -> User Not Active status
message=User- -> Standard Reply Message
 Not-
 Authorized

f.) **If user credit are less**

Resp: status=0&message=Credit-Less

status=0 -> User Credit Are Less status

message=Credit- -> Standard Reply Message
 Less-

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g.) **If any parameter is missing**

Resp: status=0&message=Parameter-Missing

status=0 -> Parameter missing status
message=Parameter -> Standard Reply Message
Missing

h) **If some error occurred while executing database statement**

Resp: status=0&message=DBERROR

status=0 -> Parameter missing status
message=DBERROR -> Standard Reply Message

i) **If receiver network not found against user id**

Resp: status=0&credit=609&message=DESTERR-919811200000

status=0 -> Parameter missing status
credit=609 -> Same last credit
message=DESTERR -> Standard Reply Message

j.) **If No parameter**

Resp: visit: www.positivecomsol.com

3. Delivery Report

The url is:

POST URL <http://api.smsroutes.com:8080/server/deliv/>

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GET URL

<http://api.smsroutes.com:8080/server/deliv/?login=bikram&password=bikram&clientid=ty5T9800&msgid=45gsysh7829>

Parameter to send

Each parameter will be separated by &

*login	->	Client Userid
*password	->	Client password
*clientid	->	Client Client-ID
*msgid	->	Unique Message ID. If message id more then one then separated by comma(,).

All parameter with * are mandatory to send.

Delivery Report url Response

a.) If successfully recieved

Resp: status=1&message=7272YGH90,919811100000,3,20050509141050999

If more than one and second msgid is incorrect

Resp: status=1&message=7272YGH90,919811100000,3,20050509141050999~7272YGH91,Not-Found

status=1		->	Successfully processed status
message=	7272YGH90	->	msgid
	919811100000	->	mobile
	3	->	status
	20050509141050999	->	delivery timestamp
	~	->	separation for another record

Note: In single message id query if msgid not found then status would be 0. and in more than one if any msgid found then status would be 1.

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b.) If server connection null

Resp: status=0&message=Server-Connection-NULL

status=0 -> Server Connection NULL status
message=Connection -> Standard Message
 NULL

c.) If Given userid and pass are not matched

Resp: status=0&message=User-invalid

status=0 -> Invalid user status
message=User- -> Standard Message
 invalid

d.) If client-id is incorrect

Resp: status=0&message=Client-Error

status=0 -> Incorrect clientid status
message=Client- -> Standard Message
 Error

e.) If user not active

Resp: status=0&message=User-Not-Authorized

status=0 -> User Not Active status
message=User- -> Standard Reply Message
 Not-
 Authorized