

Integration Guide for Send SMS Notification

Version 1.1

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1 Document Control

1.1 Change History

Version	Status / Comment	Author	Date
1.0	Draft – Initial Document	BRAC Bank	19/04/2021

2 API Endpoint URL

Environment	BBL Middleware URL
UAT	<u>1.</u> https://172.25.0.5:4444/

**Note: UAT server is currently connected with Live SMS API, so any request received from channel will be delivered to the provided mobile number handset.

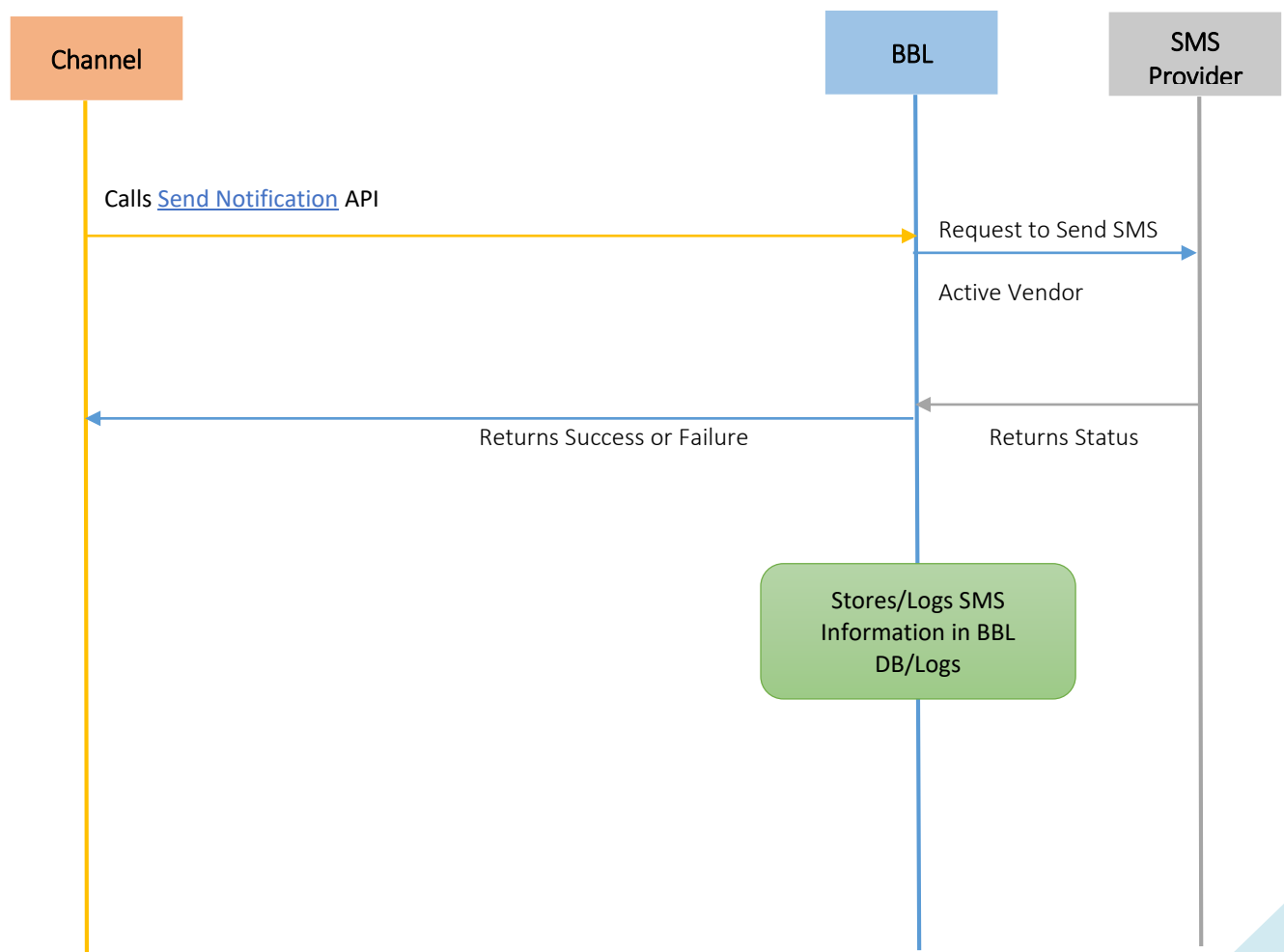
3 Workflows

3.1 Authentication

BRAC Bank will provide a channel name, channel id and password. Channel should use these credentials in header section ([Common Header Parameter Description](#)) of every API call.

3.2 Send SMS

Channel will call the [Send Notification](#) with valid mobile number and SMS Content (Only English). Middleware will forward the request to the active SMS provider and return a Success/Failure response to the channel accordingly. Channel needs to pass a unique ID for each call in global transaction Id field of [Common Header Parameter Description](#) section. This unique id will be used for further analysis (if required) in future for any issues/inquiry.



4 Common Field Description

4.1 Common Header Parameter Description

`xmlns:v11="http://bracbank.com/utilityCommon/V1"`

SL	Field Name	Field Type	Required?	Description
1	<code>serviceId</code>	string	M	BBL API ID. BBL will share
2	<code>serviceName</code>	string	M	BBL API Name. BBL will share
3	<code>sourceTimestamp</code>	dateTime	M	Requested Timestamp
4	<code>password</code>	string	M	API Password. BBL will share
5	<code>channelName</code>	string	M	Channel Name/API consumer Name. BBL will share
6	<code>channelCode</code>	string	M	Channel Short Code.
7	<code>globalTransactionId</code>	string	M	24 digit Unique Reference Id for each API call. This ID has to be unique for every API call.

4.2 Flexible Fields

`xmlns:v11="http://bracbank.com/utilityCommon/V1"`

SL	Field Name	Type		Value
1	<code>stringField1</code>	string	O	
2	<code>stringField2</code>	string	O	
3	<code>stringField3</code>	string	O	
4	<code>stringField4</code>	string	O	
5	<code>integerField1</code>	integer	O	
6	<code>integerField2</code>	integer	O	
7	<code>decimalFiled1</code>	decimal	O	
8	<code>decimalFiled2</code>	decimal	O	
9	<code>dateTimeField1</code>	dateTime	O	
10	<code>dateTimeField2</code>	dateTime	O	

5 Send Notification

5.1 Sample Request & Response

WSDL	{baseUrl}UBA/SendNotification/V1?wsdl
Endpoint	{baseUrl}UBA/SendNotification/V1
Method	POST
Operation	sendNotification
Expected SOAP Request	<pre> <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:v1="http://bracbank.com/UBASendNotificationES/V1" xmlns:v11="http://bracbank.com/utilityCommon/V1"> <soapenv:Header/> <soapenv:Body> <v1:sendNotification> <v1:sendNotificationDetails> <v1:header> <v11:serviceId>004</v11:serviceId> <v11:serviceName>SendNotification</v11:serviceName> <v11:sourceTimestamp>2020-04-03T07:49:45</v11:sourceTimestamp> <v11:password>*****</v11:password> <v11:channelName>***</v11:channelName> <v11:channelCode>**</v11:channelCode> <v11:globalTransactionId>DEV0435294620210303030</v11:globalTransactionId> </v1:header> <v1:cif>04XXXX46</v1:cif> <v1:mobileNumber>+8801675XXXX</v1:mobileNumber> <v1:smsCode>35</v1:smsCode> <v1:costCenter>3456778</v1:costCenter> <v1:smsTemplate>Test SMS.</v1:smsTemplate> <v1:smsRemarks>Send Notification Service Testing</v1:smsRemarks> <v1:accountOrCardNumber>15011XXX001</v1:accountOrCardNumber> </v1:sendNotificationDetails> </v1:sendNotification> </soapenv:Body> </soapenv:Envelope> </pre>
Expected SOAP Response	<pre> <?xml version="1.0" encoding="UTF-8"?> <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" <soapenv:Header xmlns:v11="http://bracbank.com/utilityCommon/V1" xmlns:v1="http://bracbank.com/UBASendNotificationES/V1"/> </pre>

	<pre> <soapenv:Body xmlns:v11="http://bracbank.com/utilityCommon/V1" xmlns:v1="http://bracbank.com/UBASendNotificationES/V1" xmlns:ns1="http://bracbank.com/UBASendNotificationES/V1" xmlns:ns2="http://bracbank.com/utilityCommon/V1"> <ns1:sendNotificationResp > <ns1:sendNotificationRespDetails> <ns1:header> <ns2:serviceId>004</ns2:serviceId> <ns2:serviceName>SendNotification</ns2:serviceName> <ns2:sourceTimestamp>2020-04-03T07:49:45</ns2:sourceTimestamp> <ns2:password>*****</ns2:password> <ns2:channelName>***</ns2:channelName> <ns2:channelCode>**</ns2:channelCode> <ns2:globalTransactionId>DEV0435294620210303030</ns2:globalTransactionId> </ns1:header> <ns1:errorCode>000</ns1:errorCode> <ns1:errorMessage>SUCCESS</ns1:errorMessage> </ns1:sendNotificationRespDetails> </ns1:sendNotificationResp> </soapenv:Body> </soapenv:Envelope> </pre>
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5.2 Request Parameters:

SL	Field Name	Type		Description
1	header		M	Refer to section Common Header Parameter Description
2	cif	string	O	From Account Holder CIF No.
3	mobileNumber	string	M	Mobile Number with Country Code (If country code is not added in the mobile number, then default +880 will be considered)
4	smsCode	string	M	BRAC Bank will share the smsCode. SMS Code is used to identify the type of the SMS.
5	costCenter	string	O	Cost Center of the SMS/Account
6	smsTemplate	string	M	Content of the SMS. **SMS with English content**
7	smsRemarks	string	O	Remarks of the SMS
8	accountOrCardNumber	string	O	Account or Card Number of the customer
9	flexFields	-	O	Refer to section Flexible Fields

5.3 Response Parameters:

SL	Field Name	Type		Description
1	header		M	Refer to section Common Header Parameter Description
2	errorCode	string	M	<ul style="list-style-type: none"> • Success Code: 000 • Failure: Any other codes
3	errorMessage	string	M	Description of the error code