OTP API Specifications

Version: 1.0.1

Date: January, 2018

Document Information and Version History

Document Information

Document Name	OTP API Specifications
Document Description	This document describes the parameters and responses used to send and verify one-time-password (OTP) messages.
Creation Date	December 07, 2016
Initial Version	1.0.0
Author	Jyotsna

Document Change Log

Modification Date	Version Number	Change Summary	Author
January 12, 2018	1.0.1	Reformatted and reviewed document for language.	Hrudeep Goregaonkar

Document Approval Log

Approval Date	Approver	Designation
February 13, 2018	Sachin Kanojia	Head – Support

OTP API

- The below URL shows the API used to send an OTP message.

  http://<ipaddress>:<port>/OtpApi/otpgenerate?username=XXXX&password=XXXX&msisdn=XXXXXXXXXXX&msg=XXXXX&source=XXXX&otplen=XX&tagname=XXX&exptime=XXX

Request Parameters		
Sr. No.	Parameter	Description
1	username	Name of the user.
2	password	Password of the user.
3	msisdn	Mobile number to which OTP has to be sent.
4	exptime	OTP validity time in seconds.
5	msg	Message template with %m escape character which will be replaced by generated OTP. Message has to be URL encoded.
6	source	Sender assigned for user.
7	otplen	Length of the OTP.
8	tagname	Identifier name for given batch (optional).

Response		
Sr. No.	Error Code	Description
1	1701|MSISDN:MessageID	Message sent successfully.
2	1702	One of the parameter is missing or OTP is not numeric.
3	1703	Authentication failed.
4	1706	Invalid destination.
5	1705	Message does not contain %m.
6	1707	Invalid source.
7	1710	Some error occurred.
8	1715	Response time out.
9	1025	Insufficient user credit.
10	1032	DND destination.
11	1033	Source template mismatch.
12	1035	User opt out.
13	1042	Explicit DND reject.

- The below URL shows the API used to validate the received OTP.

  http://<ipaddress>:<port>/OtpApi/checkotp?username=XXXXXX&password=XXXXXX&msisdn=XXXXX&otp=XXXX

Request Parameters		
Sr. No.	Parameter	Description
1	username	Name of the user.
2	password	Password of the user.
3	msisdn	Mobile number to which the OTP was sent.
4	otp	Received OTP which needs to be verified.

Response		
Sr. No.	Error Code	Description
1	101	OTP validated successfully.
2	102	OTP has expired.
3	103	Entry for OTP not found.
4	104	MSISDN not found.
5	1702	One of the parameter missing or OTP is not numeric.
6	1703	Authentication failed.
7	1706	Given destination is invalid.