submitMtMessageList

Last Updated: Friday, January 26, 2018

POST - /MessageApi/mt/messageLists

Invoking this method will queue a list of Mobile Terminated (MT) messages for delivery to multiple recipients. The requester will receive a synchronous response containing the assigned *listId* and a preliminary status of every message in the list. Delivery status can be configured as a callback, or requested manually through another Application Program Interface (API) method.

Topics in this Section

If any part of the request fails due to invalid schema or values, the request (or part of it) will return as an error. If access to the Vibes platform system is lost during the request, all of the messages will be failed to enable easier retries.

A maximum of 100 destinations is supported. Requests over 500KB will be rejected.

HTTP Headers

X-VibesAPI-SubmitterListId: ListId

XML Request Example

```
POST
X-VibesAPI-SubmitterListId: 234523456252

<?xml version="1.0" encoding="UTF-8"?>
<mtMessageList submitterListId="234523456252" splitLongMessage="true">
        <destination submitterMessageId="234523456252" carrier="102" address="+18475551212" type="MDN" />
        <destination submitterMessageId="234523456253" carrier="103" address="+19475551212" type="MDN" />
        <source address="98765" type="SC" />
        <text>123857AB12</text>
        <receiptOption callbackUrl="http://www.client.com/callback">ERROR</receiptOption>
</mtMessageList>
```

Success XML Response Example

The response will include a preliminary status for each message in the list. If a *submitterMessageId* was provided, each status will be referenced by it. This preliminary check includes basic XML validation and carrier provisioning. Any errors that occur after this preliminary check would be discovered via the callback mechanism.

```
<mtMessageListRsp listId="b75fccf3-8f06-4d8f-a282-d1886a4792a1" submitterListId="234523456252"
splitLongMessage="true">
        <results messageId="b75fccf3-8f06-4d8f-a282-d1886a4792a2" submitterMessageId="234523456252" address="
+18475551212" carrier="102" code="0" description="Success"/>
        <results messageId="b75fccf3-8f06-4d8f-a282-d1886a4792a3" submitterMessageId="234523456253" address="
+19475551212" carrier="103" code="0" description="Success"/>
</mtMessageListRsp>
```

XML Response with Errors

Depending on the type of error, requests may partially fail or entirely fail.

The request may partially fail if there is an error within a *dest* element. If part of a request fails, the response XML will return as normal with the assigned *listId* and include an error code with each destination that failed.

If the entire request fails, no *mtMessageListRsp* element will be returned. Instead, a single error element will return as specified in Appendix A - API Response Error Codes.

```
<mtMessageListRsp listId="b75fccf3-8f06-4d8f-a282-d1886a4792a1" submitterListId="234523456252"
splitLongMessage="false">
        <results submitterMessageId="234523456252" address="+18475551212" code="1000" description="Error
Code Reason" retriable="false" />
        <results submitterMessageId="234523456253" address="+19475551212" code="1000" description="Error
Code Reason" retriable="false" />
</mtMessageListRsp>
```

Request Header Descriptions

Header	Description	Required
Content-Type	Text/XML	Yes
X-VibesAPI-SubmitterListId	A client-definable identifier for a message. This will be stored on the message for reference purposes, and must be 40 characters or less. This value has precedence over the *submitterListId* attribute in the *messageList* element of the request.	No

Request Element Descriptions

Element	Attribute Name	Description	Data Type	Required	Default
messageList		Identifies all of the information content to deliver an MT message.		Yes	
	submitterListId	A client-definable identifier for a message list. This will be stored on the message list for reference purposes, and must be 40 characters or less. If the *X-VibesAPI-SubmitterListId* header is set, the header value will take precedence over this value.	String	No	
	splitLongMessage	A Boolean flag, which is used to request that any messages greater than 160 characters must be split into multiple messages.	Boolean	No	False
destination		This element defines the destination to deliver the MT message.		Yes	
	submitterMessageId	A client-definable identifier for a message. This will be stored on the message for reference purposes, and must be 40 characters or less.	String	No	
	carrier	The carrier network the Mobile Phone is on. For replies, the carrier should be the same as the carrier on the original Mobile Originated (MO) message. If it is not specified, the system will query for the correct carrier.	String	No	
	address	The deliverable address to deliver the message to. This must be specified in e.164 international format with a leading +.	String	Yes	
	type	The address type for delivery. Currently, the only supported type is Mobile Directory Number (MDN) for telephone.	String	No	MDN
source		This element defines the source (Originating) account for the MT message.		Yes	
	address	The source address/number that originated the MT request.	String	Yes	
	type	The originating address type. Currently, the only supported type is SC for Short Code.	String	No	SC
text		This defines the message text to be delivered in the message. The characters must be XML encoded, and must be 160 characters or less (unencoded).	String	Yes	
receiptOption		This element indicates the receipt notifications that should be sent with this message. The currently allowed values are: NONE, ERROR, ALL, SMSC_ERROR, SMSC_ALL.	String	No	NONE
	callbackUrl	This attribute defines the URL that all receipt notifications should be delivered to. If the *receiptOption* value is **NONE**, the value of this attribute will be ignored. The characters must be XML encoded.	URL	Yes, unless NONE	
companyId		The Company ID this message is being sent for.	Long	No	

Response Element Descriptions

Element	Attribute Name	Description	Data Type	Required	Default
mtMessageListRsp		The main wrapper element around the list response.		Yes	

	listId	The Vibes identifier for the message list submitted.	String	Yes	
	submitterListId	The client-definable identifier for the message list. This attribute will be set if it was set on the request.	String	No	
	splitLongMessage	A Boolean flag confirming that the *splitLongMessage* is set to **True** on the request. This will only be set if it was set to **True** on the request.	Boolean	No	
results				Yes	
	messageId	The Vibes identifier for the message.		Yes	
	submitterMessageId	The client definable identifier for the message that was sent with the request. This attribute will be set if it was set on the request.	String	No	
	address	The deliverable address the message is being sent to.	String	Yes	
	code	The API response code for the message. Refer to Appendix A - API Response Error Codes for the possible values.	String	Yes	
	description	A description of the response.	String	Yes	
	retriable	A Boolean flag that specifies if a failed request can be retried. This is only set for errors.	Boolean	No	