

Sending Text Messages with SMS

Sends an SMS text message from a shortcode to an AT&T phone number. This request requires an OAuth token without user consent.

URL:

```
POST https://api.att.com/sms/v3/messaging/outbox
```

Request headers:

Header Name	Required	Description
Accept	Optional	The format of the data that should be returned. Valid values are application/json and application/xml . Default is application/json .
Content-Type	Required	The format of the data that is in the POST body. Valid values are application/json , application/xml , and application/x-www-form-urlencoded .
Authorization	Required	Has the value Bearer {token} , where {token} is your access token.

The POST body contains JSON or XML with these elements:

Element Name	Type	Required	Description
outboundSMSRequest	object	Required	Contains the SMS information.
address	string	Required	The telephone number or numbers to send the message. If one number, just use the number as the value. If multiple numbers, then use an array. Takes the format "tel:+15555555555".
message	string	Required	The message to send.
notifyDeliveryStatus	Boolean	Optional	Indicates that the delivery status notification is expected by the app. The notification is sent to the endpoint URI registered by the developer against the specified short code in the developer's app account.

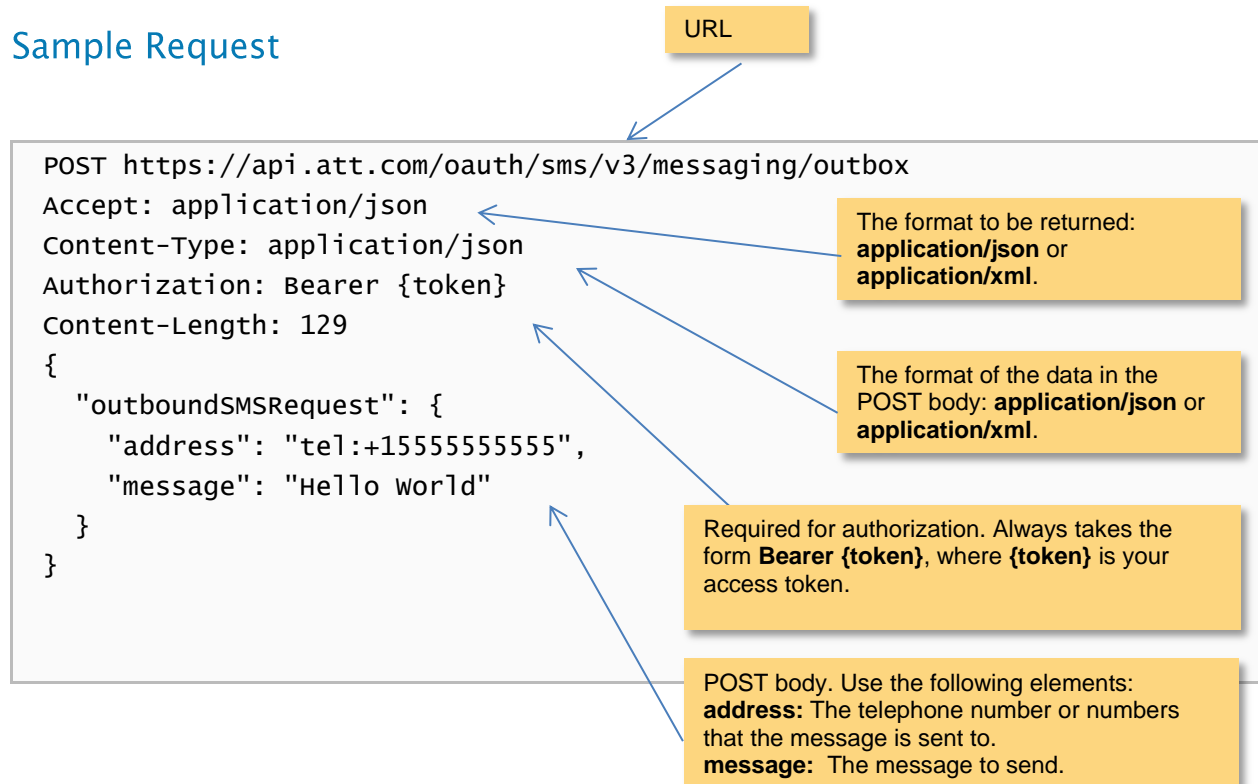
The response has these elements:

Element Name	Description
outboundSMSResponse	The top level container
messageId	The unique identifier for the message, which can be used to retrieve the message.
resourceReference	Container for the resource URL.
resourceUrl	The URI that provides network delivery status of the sent message.



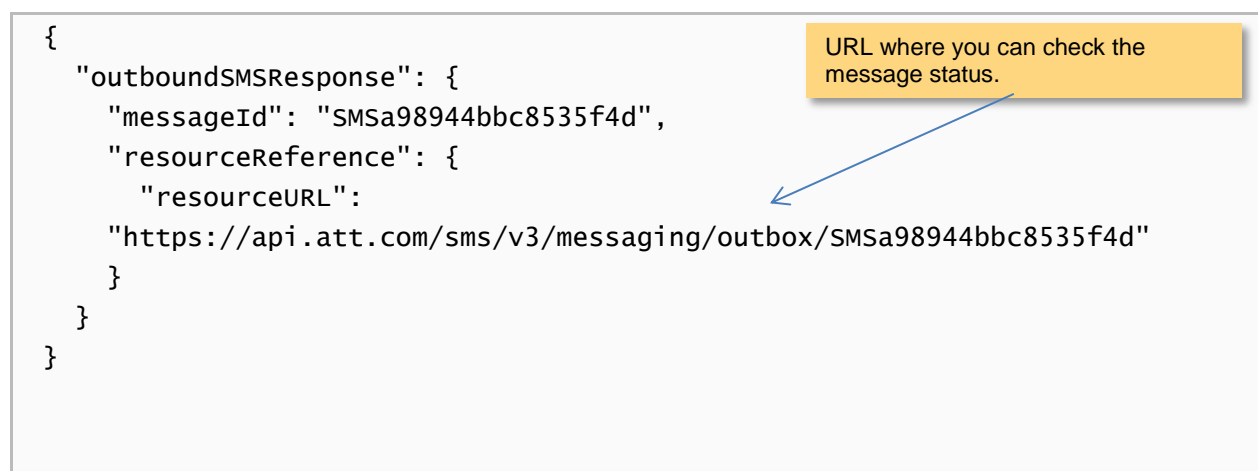
Sending an SMS: Example

Sample Request



Note: If sending to one phone number, then just use the number as the value. If sending to multiple numbers, then use an array.

Sample Response



Getting SMS Message Delivery Status

Returns the delivery status of an SMS text message sent from a shortcode. This request requires an OAuth token without user consent.

URL:

```
GET https://api.att.com/sms/v3/messaging/outbox/{id}
```

→ where *{id}* is the ID of the SMS message.

Note: The URL to call is the returned by the request that sends the SMS message.

Request headers:

Header Name	Required	Description
Accept	Optional	The format of the data that should be returned. Valid values are application/json and application/xml . Default is application/json .
Authorization	Required	Has the value Bearer {token} , where {token} is your access token.

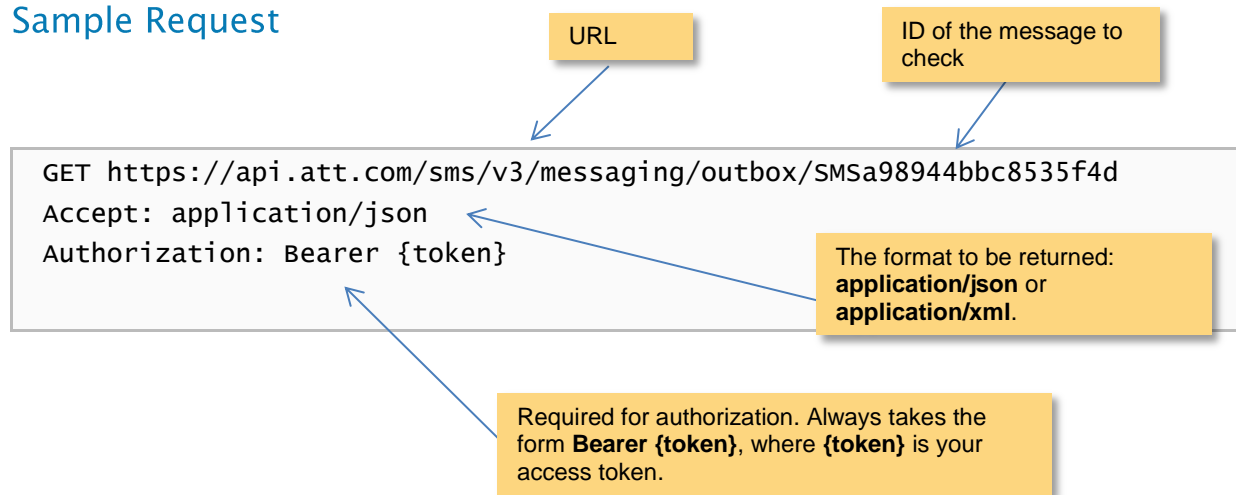
The response has these elements:

Element Name	Description
DeliveryInfoList	The top level container.
DeliveryInfo	The container for data about the SMS delivery
Id	The identifier for the message
Address	Where the message was delivered to
DeliveryStatus	The status of the delivery. Values include DeliveredToTerminal (has arrived on the device), DeliveredToNetwork (has not yet arrived on the device), or DeliveryImpossible (message cannot be delivered).
ResourceURL	The URL of the resource for the SMS message.



Getting SMS Message Delivery Status: Example

Sample Request



Sample Response



Getting Text Messages with SMS

Obtains SMS text messages that were sent to a shortcode from an AT&T phone number. This request requires an OAuth token without user consent.

Notes:

- Use this request as a polling method, calling at least once every 30 minutes to see if any messages have arrived. Alternatively, you can use the ReceiveSMS request as a listening method.
- Depending on the size and number of messages, not all available messages may be returned. The request may return a batch of messages and you may need to make additional calls to get more.
- Once you make this call, it will clear out the messages that were returned from the inbox. Also, messages will only stay in the inbox for 30 minutes. After 30 minutes, they will be automatically removed.

URL:

```
GET https://api.att.com/sms/v3/messaging/inbox/{shortcode}
```

→ where {shortcode} is the shortcode that the messages were sent to.

Request headers:

Header Name	Required	Description
Accept	Optional	The format of the data that should be returned. Valid values are application/json and application/xml . Default is application/json .
Authorization	Required	Has the value Bearer {token} , where {token} is your access token.

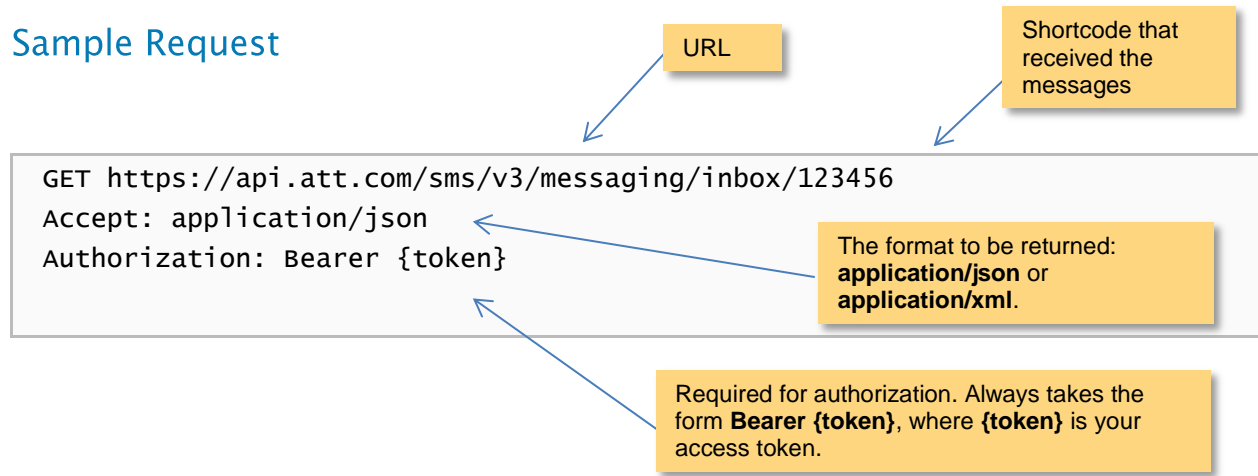
The response has these elements:

Element Name	Description
InboundSmsMessageList	The top level container that contains all SMS messages that have not yet been obtained.
InboundSmsMessage	The container for data about an SMS message.
MessageId	A unique identifier for the message.
Message	The text of the message.
SenderAddress	The mobile device number for the sender of the message.
NumberOfMessagesInThisBatch	The number of messages included in this list. If the total number of messages to be retrieved is higher, then you will need to retrieve more batches.
TotalNumberOfPendingMessages	The number of messages still to be retrieved after this request.
ResourceURL	The URL of the resource for an SMS message.

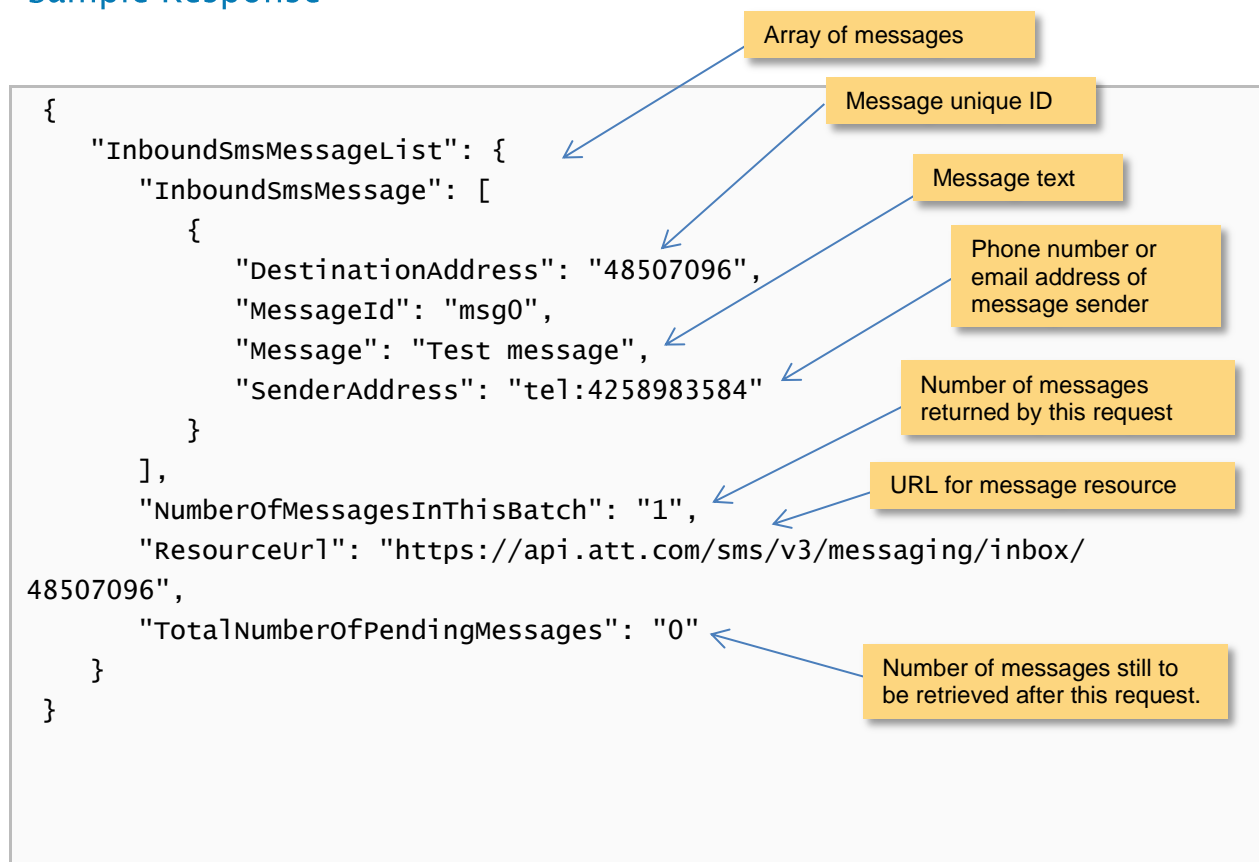


Getting SMS Messages: Example

Sample Request



Sample Response



In App Messaging from Mobile Number

Sends an SMS text message from an AT&T phone number to any mobile phone number, email or shortcode. This request requires an OAuth token with user consent.

URL:

```
POST https://api.att.com/rest/1/MyMessages
```

Request headers:

Header Name	Required	Description
Accept	Optional	The format of the data that should be returned. Valid values are application/json and application/xml . Default is application/json .
Content-Type	Required	The format of the data that is in the POST body. Valid values are application/json , application/xml , and application/x-www-form-urlencoded .
Authorization	Required	Has the value Bearer {token} , where {token} is your access token that was obtained with user consent.

The POST body contains JSON or XML with these elements:

Element Name	Type	Required	Description
Addresses	Array of strings	Required	The telephone numbers, email addresses, and shortcodes to send the message to. The format is the protocol ID followed by the number, or just the email address. For example, "tel:5555555555", "jane@example.com", or "short:123456". The country code and preceding plus (+) symbol are optional.
Text	string	Optional	The message to send.
Attachments	MIME data	Optional	The logical reference to one or more attachments. Multiple attachments are supported as long as the total size of the request is less than 580 kilobytes.
Subject	string	Optional	The subject for the message, up to 512 characters.
Group	Boolean	Optional	If true, then all recipients are visible and "repl all" is allowed.

Note: You are required to have either or both of the *Text* or *Attachments* element.

Note: If you do not include the *Subject* element, then the text will be sent as an SMS message; if you include it, it will be sent as an MMS message.

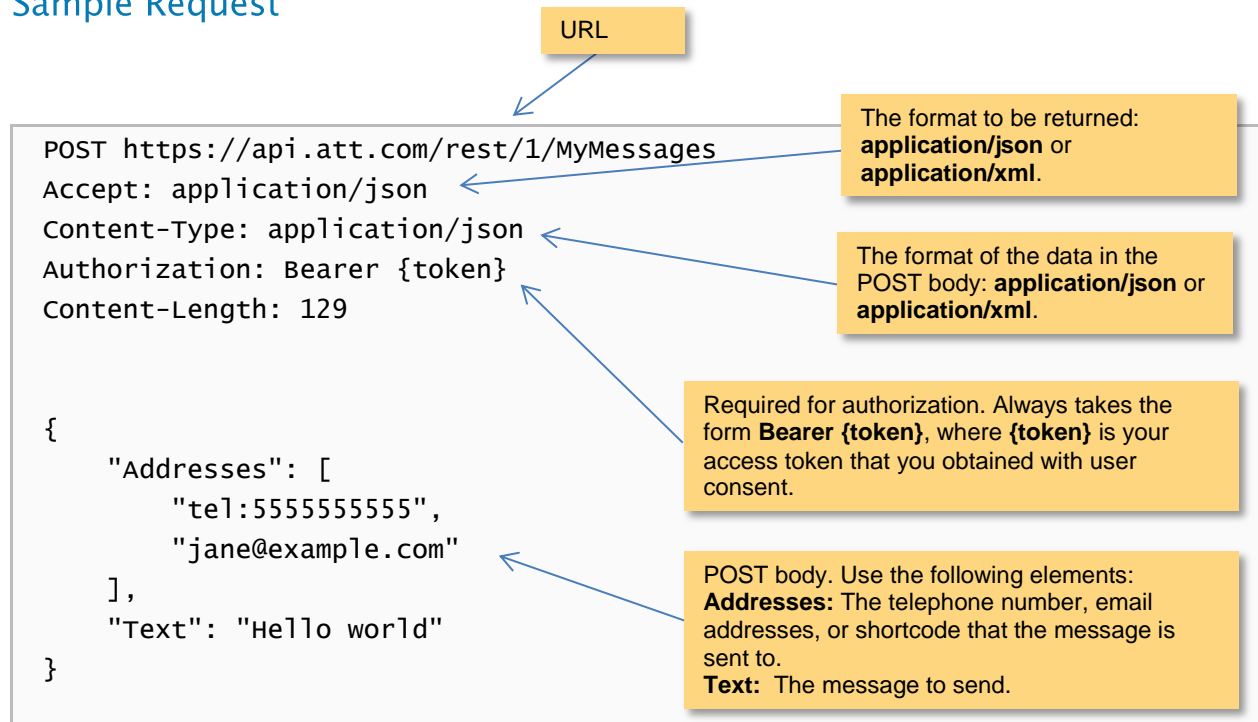
The response has these elements:

Element Name	Description
Id	A unique identifier for the message that may be used for troubleshooting.



In App Messaging from Mobile Number: Example

Sample Request



Sample Response



Sending Media Messages with MMS

Sends an MMS message with one or more media files from a shortcode to an AT&T phone number. This request requires an OAuth token without user consent.

URL:

```
https://api.att.com/mms/v3/messaging/outbox
```

Request headers:

Header Name	Required	Description
Accept	Optional	The format of the data that should be returned. Valid values are application/json and application/xml . Default is application/json .
Content-Type	Required	The format of the data that is in the POST body. See Note below.
Authorization	Required	Has the value Bearer {token} , where {token} is your access token.

Note: The Content-Type will be **multipart/form-data**, with additional attributes of **type**, **start**, and **boundary**, where **type** is the format of the text data in the POST body, **start** is the Content-ID of the text data part of the POST body, and **boundary** is the text that is used as a divider between the multipart sections.

The POST body part with Content-ID as defined by the start attribute contains JSON or XML with these elements:

Element Name	Type	Required	Description
outboundMessageRequest	object	Required	Contains the MMS information.
address	string	Required	The telephone number or numbers to send the message. If one number, just use the number as the value. If multiple numbers, then use an array. Takes the format "tel:+15555555555".
subject	String	Optional	The subject of the message.
priority	string	Optional	The priority of the message. Valid values are: Default , Low , Normal , and High .
notifyDeliveryStatus	Boolean	Optional	Indicates that the delivery status notification is expected by the app. The notification is sent to the endpoint URI registered by the developer against the specified short code in the developer's app account.

The POST body also contains MIME body multiparts, which contain the text, image, video, or audio, using the appropriate content-header.

The response has these elements:

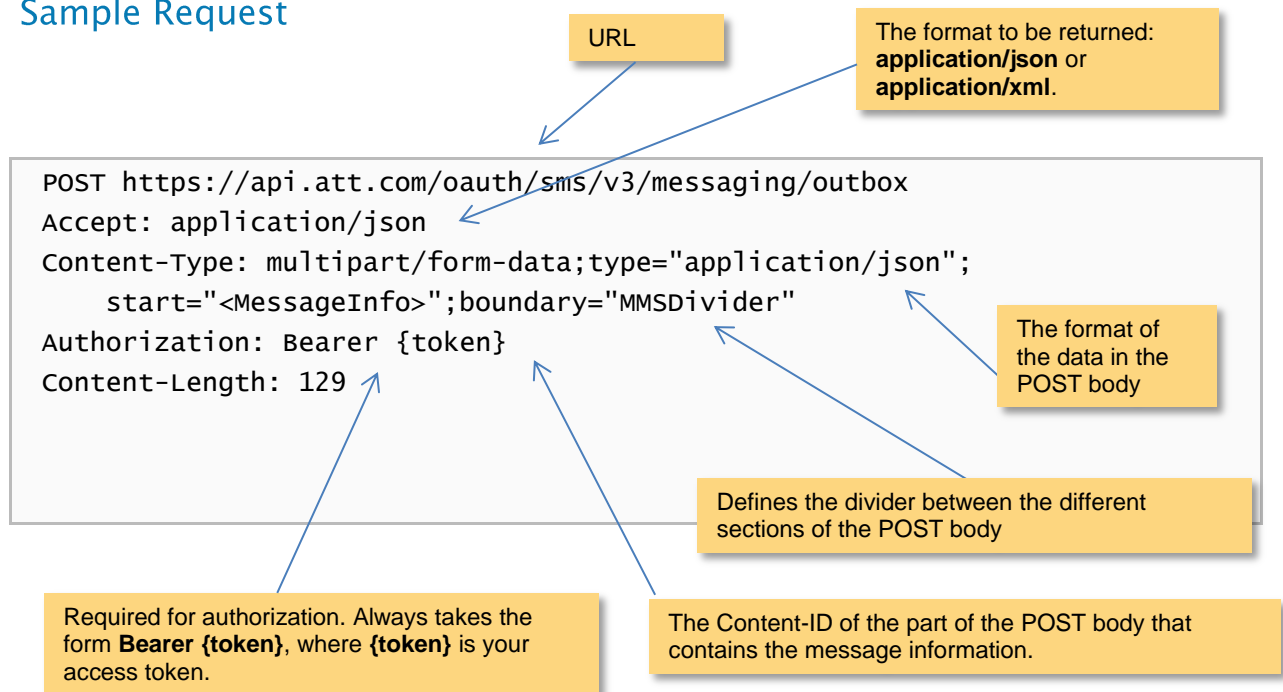
Element Name	Description
outboundMessageResponse	The top level container
messageId	The unique identifier for the message, which can be used to retrieve the message.
resourceReference	Container for the resource URL.



resourceUrl	The URI that provides network delivery status of the sent message.
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Sending an MMS: Example

Sample Request



Sending an MMS: Example (Continued)

Sample POST Body

```

--MMSLabDivider
Content-Transfer-Encoding: 8bit
Content-ID: <MessageInfo>
Content-Type: application/json
{
  "outboundMessageRequest": {
    "address": "tel:5555555555",
    "priority": "High",
    "subject": "ATT logo"
  }
}
--MMSLabDivider
Content-Type: image/gif; name=attb64.gif
Content-Transfer-Encoding: Base64
Content-ID: attb64.gif
Content-Disposition: attachment; filename=attb64.gif
Content-Location: attb64.gif
R0lGODlhdwAWAPCAADKSWSSKvXC1v/Ly8kp7lKnG1U0axp00xEeGpcjh7gRQeJLE3liX
tQRbiG5ubpepsfjx7ampqTaMuGenx3V1dSiBrO3o5gFxrRpi+oS92Tg4OPX5+0dHR3q3
...
QBoGz0aiNUGMdYCiDy/mt4RtAQcuzGMevxgGKPjABWxwFbi/AAubKeghcX4XIxLeeAI2
DxIsucxnTV0a2/zmOM+5znfO854LJSAAADS=
--MMSLabDivider--

```

Diagram annotations for the Sample POST Body:

- Divider: matches **boundary** in Content-Type.** (points to `--MMSLabDivider`)
- Matches **start** in Content-Type.** (points to `<MessageInfo>`)
- Format of the data below.** (points to `application/json`)
- Phone numbers to send the message.** (points to `"tel:5555555555"`)
- Message subject.** (points to `"subject": "ATT logo"`)
- Another divider** (points to the second `--MMSLabDivider`)
- Media type and file name (specified four times)** (points to `image/gif; name=attb64.gif`)
- Image file** (points to the Base64 encoded data)
- Final divider** (points to `--MMSLabDivider--`)

Sample Response

```

{
  "outboundMessageResponse": {
    "messageId": "MMSa9880fb57c095369",
    "resourceReference": {
      "resourceURL":
"https://api.att.com/mms/v3/messaging/outbox/MMSa9880fb57c095369"
    }
  }
}

```

Diagram annotation for the Sample Response:

- URL where you can check the message status.** (points to the `resourceURL` value)

