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LINK Mobility WhatsApp Business API

WhatsApp Message API

Version 1.4.2; Last updated October 15, 2020

For help, see the following link <https://linkmobility.com/support/>

The most up-to-date version of this document is available at

<https://www.linkmobility.com/developer/>

Contents

Changelog of this document.....	3
Legal Information.....	3
Before you begin.....	3
Base URL:s.....	3
Scope of this document.....	4
Capabilities of the platform.....	4
Terms and glossary.....	4
Authentication.....	6
Resource.....	6
POST /messages.....	6
MessageRequest.....	6
MessageResponse.....	9
Messages.....	10
Message type.....	10
Template.....	10
Text message.....	13
Image message.....	13
Location message.....	14
Audio message.....	15
Video message.....	15
Document message.....	16
Contacts message.....	17
Message content property.....	20
Address.....	20
Email.....	20
Name.....	21
Org.....	21
Phone.....	21
Url.....	22
Language.....	22
Currency.....	22
DateTime.....	23
Component.....	24
Parameter.....	25
HTTP methods statuses and actions.....	26

Callbacks.....	27
Event report	27
Receive message	28
Alternative receive message	32
Response codes.....	36
Supported languages	37
Appendix 1	40
Hosts for outgoing traffic.....	40
Appendix 2	41
Supported TLS-versions	41

Changelog of this document

Date	Version	Author	Changes
2020-04-22	1.0	PN	Initial version
2020-04-28	1.1	PN	Updates after peer review
2020-05-11	1.2	TR	Added source to MT request
2020-06-05	1.3	TR	MO receive format updated
2020-06-24	1.4	TR	MO context Interactive templates
2020-08-28	1.4.1	TR	Added Appendix 1 (hosts) and Appendix 2 (TLS).
2020-10-15	1.4.2	EP	Support for media in the MO and alternative MO objects to forward.

Legal Information

The information supplied in this document is the sole property of LINK Mobility Group. It is intended for strictly informational use. It is not binding and might be subject to changes without notice. LINK Mobility is protected by intellectual property laws.

Before you begin

This is the API used to send and receive messages from WhatsApp through Link Mobility's Common Layer interface.

All users must first receive an account from WhatsApp prior to connecting to this API. The Link Mobility delivery team will manage the process.

Base URL: s

You will get one of these URL: s assigned to you when your account is created:

<https://n-eu.linkmobility.io/whatsapp-message>
<https://c-eu.linkmobility.io/whatsapp-message>

<https://s-eu.linkmobility.io/whatsapp-message>
<https://no.linkmobility.io/whatsapp-message>
<https://deb.linkmobility.io/whatsapp-message>

Scope of this document

This document will describe the Application Programming Interface (API) to receive and send messages through the Link Mobility Multi Channel platform. WhatsApp Message API is a REST API.

A familiarity with REST APIs is assumed. Messages will be delivered in JSON format. A basic familiarity with JSON is assumed.

Capabilities of the platform

The platform is a high-capacity, high-availability messaging gateway designed to let you send and receive messages in various formats to a selection of providers like WhatsApp. Message types can be Template, Text, Image, Location, Audio, Video, Document or Contacts as specified below.

Terms and glossary

Date

String that contains a date formatted according to RFC3339.

Example:

```
2010-03-30T12:59:40+02:00  
or  
2010-03-30T10:59:40Z (UTC)
```

KeyValuePair.

Contains key value pairs of type string.

Example:

```
{  
  "key1": "value1", "key2": "value2", "key3": "value3"  
}
```

MSISDN

It is a standard string type containing a mobile number in local or international format.

Example:

```
+46735555555  
+47925555555
```

Template message

A predefined message used to initiate conversations. The templates are registered and approved in the Facebook Business Manager.

Text message

Standard text message. If containing a URL the URL should start with http:// or https://.

Image message

Supported image format:

- .jpeg
- .png

Location message

Contains a location in longitude and latitude format.

Audio message

Supported audio format:

- .aac
- .mp4
- .amr
- .mpeg
- .ogg (codex=opus)

Note: The base .ogg type is not supported

Video message

Supported video format:

- .mp4
- .3gpp

Document message

Supports any MIME-type document.

24 hour customer care window

When a WhatsApp user sends a message to a business's phone number a 24 hour customer care window opens. When this care window is open all message types are made available to be sent to this number. Outside of the 24 hour customer care window a template message is the only type of message that can be used.

Event report gate

An event report gate specifies where callbacks should be sent. A business's callback URL is referenced by an event report gate id that can be used within the request.

Facebook Business Manager

Administration tool to manage WhatsApp business accounts. Handled by LINK.

Authentication

Authentication is performed via Basic Authentication with provided username and password.

In basic HTTP authentication, a request contains a header field in the form of `Authorization: Basic <credentials>`, where credentials is the Base64 encoding of username and password joined by a single colon `:`.

Resource

POST /messages

MessageRequest

The request used to send message(s).

Name	Data type	Required	Description
platformId	String	Yes	Platform id used for this transaction.
platformPartnerId	String	Yes	Platform partner id used for this transaction.
platformServiceId	String	No	Id of the service instance defined in the service platform.
platformServiceType	String	No	Platform service type used for this transaction.
platformTransactionId	String	No	Service platform transaction id.
priority	Enum<LOW,NORMAL,HIGH>	Yes	Priority used for this transaction.
relativeValidityTime	Long	No	Time specified in milliseconds of how long the message is supposed to live.
absoluteValidityTime	Date	No	Absolut time specified of when this message should expire. If no value is supplied it

			defaults to 48h ahead. Has precedence over relativeValidityTime. Date .
eventReportGates	List<String>	No	List of gates to send event reports to.
refId	String	Yes	Reference id used within this transaction.
customParameters	KeyValueTpe	No	Custom parameters specified in the transaction. KeyValueTpe .
source	String	Yes	The source number. This should be a phone number registered to a WhatsApp Business API client. This is the client which will be used when sending the message.
destinations	List<MsisdnString>	Yes	Destination numbers. MsisdnString .
messages	List<Message>	Yes	Message(s) to be sent. Message .

JSON

```
{
  "platformId": "your platformId",
  "platformPartnerId": "yourPlatformPartnerId",
  "platformServiceId": "yourPlatformServiceId",
  "platformServiceType": "yourPlatformServiceType",
  "platformTransactionId": "yourPlatformTransactionId",
  "priority": "NORMAL",
  "relativeValidityTime": 1584543059442,
  "absoluteValidityTime": "2020-03-18T16:49:21Z",
  "eventReportGates": [
    "v08kM29P",
    "jk98GtdP"
  ],
  "refId": "yourRefId",
  "customParameters": {
    "yourCustomKey1": "yourCustomValue1",
    "yourCustomKey2": "yourCustomValue2"
  },
  "source": "+460000000000",
  "destinations": [
    "+460000000001",
    "+460000000002"
  ],
  "messages": [
    {
      "type": "template",
      "template": {
        "namespace": "yourNamespace",
        "name": "yourTemplate",
        "language": {
          "code": "en"
        },
        "components": [
          {
            "type": "body",
            "parameters": [
              {
                "type": "text",
                "text": "Your text"
              }
            ]
          }
        ]
      }
    }
  ]
}
```


MessageResponse

The response received when sending a message request.

Name	Type	Description
resultCode	Integer	Result code.
description	String	Descriptive text.
messageIds	List<String>	List of message ids that have been queued. The ordering of the ids mirror the order of the destination numbers in the request.

JSON

```
{
  "resultCode": 112001,
  "description": "queued",
  "messageIds": [
    "8aU6cwxAKE9NzMLrS6M82Y",
    "1aU6cwxAKE9NzMLrS6M82C"
  ]
}
```

Messages

Message type

There are various types of messages that can be used in the message request. Any type of message can not be sent at any time. For messages that are not of type template a 24 hour customer care window needs to be opened.

Template

A template message. This message is used to initialize a conversation. The template used must be registered and approved in the Facebook Business Manager.

Templates:

text - A simple template with a text message.

media - A template with supported media (image, video, document).

interactive (buttons) - A template with reply or url buttons.

Name	Type	Required	Description
type	String	Yes	Type of message. Should be <i>template</i> for media template messages.
template	Template	Yes	Template.
namespace	String	Yes	Namespace where the template is located. The namespace will be provided.
name	String	Yes	Name of a predefined template. The name will be provided
language	Language	Yes	Language.
components	List<Component>	Yes	List of components.

Text template – JSON example

```
{
  "type": "template",
  "template": {
    "namespace": "yourNamespace",
    "name": "yourTemplate",
    "language": {
      "code": "en"
    },
  },
  "components": [
    {
      "type": "body",
      "parameters": [
        {
          "type": "text",
          "text": "Your text"
        }
      ]
    }
  ]
}
```

```
    }  
  ]  
}  
]  
}
```

Media template - JSON example

```
{  
  "type": "template",  
  "template": {  
    "namespace": "yourNamespace",  
    "name": "yourTemplate",  
    "language": {  
      "code": "en"  
    },  
    "components": [  
      {  
        "type": "header",  
        "parameters": [  
          {  
            "type": "document",  
            "document": {  
              "link": "https://www.example.com/file.pdf",  
              "filename": "filename"  
            }  
          }  
        ]  
      },  
      {  
        "type": "body",  
        "parameters": [  
          {  
            "type": "text",  
            "text": "Your text"  
          },  
          {  
            "type": "currency",  
            "currency": {  
              "fallbackValue": "$100.99",  
              "code": "USD",  
              "amount1000": "100990"  
            }  
          },  
          {  
            "type": "dateTime",  
            "dateTime": {  
              "fallbackValue": "February 25, 1977 03:33PM",  
              "dayOfWeek": 5,  
              "dayOfMonth": 25,  
              "year": 1977,  
              "month": 2,  
              "hour": 15,  
              "minute": 33  
            }  
          }  
        ]  
      }  
    ]  
  }  
}
```

```

    }
  ]
}
]
}
}

```

Interactive template - JSON example

```

{
  "type": "template",
  "template": {
    "namespace": "yourNamespace",
    "name": "yourTemplate",
    "language": {
      "code": "en"
    },
    "components": [
      {
        "type": "header",
        "parameters": [
          {
            "type": "text",
            "text": "'Your header text here'"
          }
        ]
      },
      {
        "type": "body",
        "parameters": [
          {
            "type": "text",
            "text": "'Your body text here'"
          }
        ]
      },
      {
        "type": "button",
        "subType": "quickReply" or "url",
        "index": 0,
        "parameters": [
          {
            "type": "payload" or "text",
            "text": "Your text here" //used for url button
            "payload": "Your payload here" //used for quick reply
            button
          }
        ]
      },
      {
        "type": "button",
        "subType": "quickReply" or "url",
        "index": 1,
        "parameters": [
          {
            "type": "payload" or "text",

```

```

        "text": "Your text here" //used for url button
        "payload": "Your payload here" //used for quick reply
    button
    }
    ]
}
}
}
}
    
```

Text message

A simple text message.

Name	Type	Required	Description
type	String	Yes	Type of message. Should be <i>text</i> for text messages.
previewUrl	Boolean	No	Set to true if the text message contains a URL that is to be previewed.
text	Text	Yes	Text.
body	String	Yes	Text message. If contains a URL the URL should start with <code>http://</code> or <code>https://</code> .

JSON

```

{
  "type": "text",
  "previewUrl": false,
  "text": {
    "body": "Your text here!"
  }
}
    
```

Image message

A message with an image.

Name	Type	Required	Description
type	String	Yes	Type of message. Should be <i>image</i> for image messages.
image	Image	Yes	Image.
link	String	Yes	Link to an image. Starts with <code>http://</code> or <code>https://</code> .
caption	String	No	Caption of the image.

JSON

```
{
  "type": "image",
  "image": {
    "link": "https://example.com/image.jpg",
    "caption": "Your image caption!"
  }
}
```

Location message

A message with a location.

Name	Type	Required	Description
type	String	Yes	Type of message. Should be <i>location</i> for location messages.
location	Location	Yes	Location.
longitude	Double	Yes	Longitude.
latitude	Double	Yes	Latitude.
name	String	No	Name.
address	String	No	Address. Only displayed if name is present.

JSON

```
{
  "type": "location",
  "location": {
    "longitude": 18.0739497,
    "latitude": 59.3120499,
    "name": "Linkmobility Stockholm, Sweden",
    "address": "Götgatan 78, Stockholm, Sverige"
  }
}
```

Audio message

A message with audio.

Name	Type	Required	Description
type	String	Yes	Type of message. Should be <i>audio</i> for audio messages.
audio	Audio	Yes	Audio.
link	String	Yes	Link to the audio. Begins with http://or https://.

JSON

```
{
  "type": "audio",
  "audio": {
    "link": "https://example.com/audio.mp4"
  }
}
```

Video message

A message with a video.

Name	Type	Required	Description
type	String	Yes	Type of message. Should be <i>video</i> for video messages.
video	Video	Yes	Video.
link	String	Yes	Link to a video. Begins with http:// or https://.
caption	String	No	Caption of the video.

JSON

```
{
  "type": "video",
  "video": {
    "link": "https://example.com/video.mp4",
    "caption": "Your video caption"
  }
}
```

Document message

A message with a document.

Name	Type	Required	Description
type	String	Yes	Type of message. Should be <i>document</i> for document messages.
document	Document	Yes	Document.
link	String	Yes	Link to a document. Begins with <code>http://</code> or <code>https://</code> .
caption	String	No	Caption of the document.
filename	String	No	Name of the document file.

JSON

```
{
  "type": "document",
  "document": {
    "link": "https://example.com/document.pdf",
    "caption": "Your document caption",
    "filename": "Your document filename"
  }
}
```


Contacts message

A message with contact(s).

Name	Type	Required	Description
type	String	Yes	Type of message. Should be <i>contacts</i> for contacts messages.
contacts	List<Contact>	Yes	List of contacts.
addresses	List<Address>	No	List of addresses.
birthday	String	No	Birthday.
emails	List<Email>	No	List of emails.
name	Name	No	Name.
org	Org	No	Org.
phones	List<Phone>	No	List of phones.
urls	List<Url>	No	List of urls.

JSON

```
{
  "type": "contacts",
  "contacts": [
    {
      "addresses": [
        {
          "city": "Menlo Park",
          "country": "United States",
          "countryCode": "us",
          "state": "CA",
          "street": "1 Hacker Way",
          "type": "HOME",
          "zip": "94025"
        },
        {
          "city": "Menlo Park",
          "country": "United States",
          "countryCode": "us",
          "state": "CA",
          "street": "200 Jefferson Dr",
          "type": "WORK",
          "zip": "94025"
        }
      ],
      "birthday": "2012-08-18",
      "emails": [
        {
          "email": "test@fb.com",
          "type": "WORK"
        },
        {
          "email": "test@whatsapp.com",
          "type": "WORK"
        }
      ],
      "name": {
        "firstName": "John",
        "formattedName": "John Smith",
        "lastName": "Smith"
      },
      "org": {
        "company": "WhatsApp",
        "department": "Design",
        "title": "Manager"
      },
      "phones": [
        {
          "phone": "+1 (940) 555-1234",
          "type": "HOME"
        },
        {
          "phone": "+1 (650) 555-1234",
          "type": "WORK",
          "waId": "16505551234"
        }
      ]
    }
  ]
}
```

```
    }  
  ],  
  "urls": [  
    {  
      "url": "https://www.facebook.com",  
      "type": "WORK"  
    }  
  ]  
}  
]
```

Message content property

Properties of the content.

Address

The address of the contact.

- Used with contacts message.

Name	Type	Required	Description
city	String	No	City.
country	String	No	Country.
countryCode	String	No	Country code.
state	String	No	State.
street	String	No	Street.
type	String	No	Type. Eg. HOME, WORK.
zip	String	No	Zip.

Email

The e-mail address of the contact.

- Used with contacts message.

Name	Type	Required	Description
email	Email	No	Email.
type	String	No	Type. Eg. HOME, WORK.

Name

The name of the contact.

- Used with contacts message.

Name	Type	Required	Description
firstName	String	Optional*	First name.
formattedName	String	Yes	Formatted name.
lastName	String	Optional*	Last name.
middleName	String	Optional*	Middle name.
suffix	String	Optional*	Name suffix.
prefix	String	Optional*	Name prefix.

* At least one of the optional parameters needs to be included along with the formattedName parameter.

Org

The organization of the contact.

- Used with contacts message.

Name	Type	Required	Description
company	String	No	Company.
department	String	No	Department.
title	String	No	Title.

Phone

The phone number of the contact.

- Used with contacts message.

Name	Type	Required	Description
phone	String	No	Phone number.
type	String	No	Type. Eg. HOME, WORK.
wald	String	No	WhatsApp id.

Url

The url of the contact.

- Used with contacts message.

Name	Type	Required	Description
url	String	No	Url.
type	String	No	Type of url. HOME, WORK

Language

The language of the template.

- Used with template message.

Name	Type	Required	Description
code	String	Yes	Code of the language or locale to use. Must match the language code in the predefined template.

Currency

Name	Type	Required	Description
fallbackValue	String	Yes	Fallback value. Eg. "\$100.99".
code	String	Yes	Currency code.
amount1000	String	Yes	Amount in minor units. Eg. \$100,99 is sent as 100990.

DateTime

Name	Type	Required	Description
fallbackValue	String	Yes	Fallback value. Eg. "February 25, 1977 03:33PM".
dayOfWeek	String	Optional*	Day of week.
dayOfMonth	String	Optional*	Day of month.
year	String	Optional*	Year.
month	String	Optional*	Month
hour	String	Optional*	Hour.
minute	String	Optional*	Minute.
timestamp	String	Optional*	Timestamp in milliseconds.

* Must contain dayOfWeek, dayOfMonth, year, month, hour, minute together or timestamp alone.

Component

Components to construct the template message.

Name	Type	Required	Description
type	String	Yes	<p>Describes the component type Values: <i>header, body, button</i>.</p> <p>In the <i>header</i> you can have one or none of the media parameters (<i>image, document or video</i>). The media must match the media in the predefined template.</p> <p>In the <i>body</i> you can have <i>text, currency</i> and <i>dateTime</i> parameters. The number of parameters in the body must match the number of parameters defined in the predefined template.</p> <p>A <i>button</i> can have a <i>text</i> parameter (for button sub type <i>url</i>) or a <i>payload</i> parameter (for button sub type <i>quickReply</i>).</p>
subType	String	Yes for type button.	<p>The sub type.</p> <p>Sub types: <i>quickReply</i>- Used for quick reply buttons. <i>url</i> - Used for url buttons.</p>
index	String	Yes for type button.	The index of the button(s). First index = 0.
parameters	List<Parameter>	Yes	Parameters containing the content of the message.

Parameter

Parameters allowed in the components of the template message.

Image parameter

Follows the same format as Image message*.

* Caption is not supported.

- Used in the header component.

Document parameter

Follows the same format as Document message*.

* Caption is not supported.

* PDF is the only supported format.

- Used in the header component.

Video parameter

Follows the same format as Video message*.

* Caption is not supported.

- Used in the header component.

Text parameter

A simple text parameter.

- Used in body and url button component.

Name	Type	Required	Description
type	String	Yes	Type of parameter. Should be <i>text</i> for text parameter.
text	String	Yes	Text of the message or url button.

Payload parameter

A payload parameter.

- Used in quick reply button component.

Name	Type	Required	Description
type	String	Yes	Type of parameter. Should be <i>payload</i> for payload parameter.
payload	String	Yes	Payload of the quick reply button.

Currency parameter

A parameter with currency.

- Used in the body component.

Name	Type	Required	Description
type	String	Yes	Type of parameter. Should be <i>currency</i> for currency parameter.
currency	Currency	Yes	Currency.

DateTime parameter

A parameter with date time.

- Used in the body component.

Name	Type	Required	Description
type	String	Yes	Type of parameter. Should be <i>dateTime</i> for dateTime parameter.
dateTime	DateTime	Yes	DateTime.

HTTP methods statuses and actions

HTTP method	Sent	No access to resource	Invalid request	Invalid login	Server error
POST	200 (OK) Return: MessageResponse.	403 (Forbidden) Return: ErrorResponse.	400 (Bad request) Return: ErrorResponse.	401 (Unauthorized) Return: ErrorResponse .	500 (Internal Server Error) Return: ErrorResponse.

JSON

```
{
  "resultCode":112400,
  "description":"Unauthorized",
  "translatedDescription": null
}
```

Callbacks

Event report

For each message sent to a destination (delivered or failed) an event report will be returned in a callback.

Name	Type	Description
messageId	String	This is the unique message id (messageId returned by the MessageRequest) and should be referred to when sending questions to support.
refId	String	This is the unique refId set by the client when sending the MessageRequest) and may be referred to when sending questions to support.
messageType	String	Type of message. In case of failed message request (no messages sent) the type will be "request".
messageIndex	Integer	Index of the message. Starts at index 0. In case of failed message request with multiple messages (no messages sent) -1 will be the index.
timestamp	Date	Can be time for final status such as delivered; formatted according to RFC3339, e.g. 2010-03-30T12:59:40+02:00.
resultCode	Integer	The result code. Result codes.
resultDescription	String	Descriptive result text.
gateCustomParameters	KeyValue	Gate resource:customParameters.
customParameters	KeyValue	Custom parameters sent in the MessageRequest.

JSON

```
{
  "messageId": "8aU6cwxAKE9NzMLrS6M82Y",
  "refId": "76439283",
  "messageType": "text",
  "messageIndex": 0,
  "timestamp": "2020-03-30T12:59:41+02:00",
  "resultCode": 112003,
  "resultDescription": "delivered",
  "gateCustomParameters": {
    "gateCustomKey1": "gateCustomValue1",
    "gateCustomKey2": "gateCustomValue2"
  },
  "customParameters": {
    "customKey1": "customValue1",
    "customKey2": "customValue2"
  }
}
```

Receive message

For messages received an event report is returned to a preconfigured event report gate.

Parameter	Type	Description
destination	String	The number the message is sent to.
source	MsisdnString	The number of the user sending the message. MsisdnString
content	Content	The content of the message.
content.type	String	The type of content: <i>WHATSAPP</i> .
content.message	Message	The message of the content.
content.message.contentType	String	The type of message: <i>TEXT</i> , <i>BUTTON</i> , <i>MEDIA</i> .
content.message.text	String Optional	The text of the message.
content.message.button	Button Optional	The button of the message.
content.message.button.text	String	The text of the button.
content.message.button.payload	String	The payload of the button.
content.message.media	Media	The media of the message

content.message.media.type	String	The mime type of the data content within the media source
content.message.media.source	String	The URL that gives the data given in the message
content.message.media.caption	String	The text within the media message
content.message.context	Context Optional	The context of the message. Only in reply messages.
content.message.context.source	String	The source of the original message.
content.message.context.messageId	String	The message id of the original message.
provider	String	The provider: <i>whatsapp</i> .
timestamp	Date	The time of message is generated when the message was received.
messageId	String	The unique message id.
providerTimestamp	Date	The time of message provided by the provider.
providerMessageId	String	Id that is generated by the provider.
route	Route	Route details (Either MsisdnSession, SubNumber or Keyword).
gateCustomParameters	KeyValue	Gate resource:customParameters.
customParameters	KeyValue	Optional, all additional parameters may be specified if needed. Note that only one level with key-value data is allowed.

JSON for the text message

```
{
  "destination": "+46000000000",
  "source": "+46000000001",
  "content": {
    "type": "WHATSAPP",
    "message": {
      "contentType": "TEXT",
      "text": "This is an example"
    }
  },
  "provider": "whatsapp",
  "timestamp": "2020-03-21T17:41:58Z",
  "messageId": "8aU6cwxAKE9NzMLrS6M82Y",
  "providerTimestamp": "2020-03-21T17:41:58Z",
  "providerMessageId": "123456abcd",
  "route": {
    "id": "keywordId",
    "refId": "yourRouteRefId",
    "platformId": "yourRoutePlatformId",
    "platformPartnerId": "yourRoutePartnerId",
    "platformServiceType": "yourRoutePlatformServiceType",
    "platformServiceId": "yourRoutePlatformServiceId",
    "number": "+46000000001",
    "gateIds": [
      "yourGateId1",
      "yourGateId2"
    ],
    "customParameters": {
      "customRouteKey1": "customRouteValue1"
    },
    "type": "KEYWORD_ROUTE",
    "keyword": "",
    "keywordType": "DEFAULT",
    "active": true,
    "start": "2020-03-21T17:41:58Z",
    "end": "2030-03-21T17:41:58Z",
    "shared": false,
    "description": "Example description"
  },
  "gateCustomParameters": {},
  "customParameters": null
}
```

JSON for the media message

```
{
  "destination": "+46000000000",
  "source": "+46000000001",
  "content": {
    "type": "WHATSAPP",
    "message": {
      "contentType": "MEDIA",
      "media": {
        "type": "image/jpg",
        "source": "http://images.com/myimage.jpg"
        "caption": "MEDIA"
      }
    }
  },
  "provider": "whatsapp",
  "timestamp": "2020-03-21T17:41:58Z",
  "messageId": "8aU6cwxAKE9NzMLrS6M82Y",
  "providerTimestamp": "2020-03-21T17:41:58Z",
  "providerMessageId": "123456abcd",
  "route": {
    "id": "keywordId",
    "refId": "yourRouteRefId",
    "platformId": "yourRoutePlatformId",
    "platformPartnerId": "yourRoutePartnerId",
    "platformServiceType": "yourRoutePlatformServiceType",
    "platformServiceId": "yourRoutePlatformServiceId",
    "number": "+46000000001",
    "gateIds": [
      "yourGateId1",
      "yourGateId2"
    ],
    "customParameters": {
      "customRouteKey1": "customRouteValue1"
    },
    "type": "KEYWORD_ROUTE",
    "keyword": "",
    "keywordType": "DEFAULT",
    "active": true,
    "start": "2020-03-21T17:41:58Z",
    "end": "2030-03-21T17:41:58Z",
    "shared": false,
    "description": "Example description"
  },
  "gateCustomParameters": {},
  "customParameters": null
}
```

Alternative receive message

This kind of messages are forwarded to a certain endpoint if the receiving gateway is configured to forward this kind of messages instead of the standard ones.

Parameter	Type	Description
messageId	String	The Id of the message
source	MsisdnString	The number of the user sending the message. MsisdnString
destination	String	The number the message is sent to.
channel	String	The channel of the message: <i>WHATSAPP</i>
timestamp	Date	The time of message is generated when the message was received.
content	Content	The content of the message.
content.type	String	The type of content: <i>MEDIA, TEXT</i> .
content.data	String	Only if the type is TEXT. This is the text content of the message.
content.subject	String	Only if the type is MEDIA. The text within the media message
content.items	List<Item>	Only if the type is MEDIA. An array with the media items within the message.
content.items.[item]	Item	Only if the type is MEDIA. This represent a single part of media data.
content.items.[item].type	String	Only if the type is MEDIA. Specifies the source of the content: <i>URL</i> .
content.items.[item].contentId	String	Only if the type is MEDIA. The id of the data content.

content.items.[item].contentType	String	Only if the type is MEDIA. The mime type of the data content.
content.items.[item].url	String	Only if the type is MEDIA. The URL where the data is.
operator	String	The operator: <i>whatsapp</i> .
timestamp	Date	The time of message is generated when the message was received.
operatorMessageId	String	Id that is generated by the operator.
route	Route	Route details (Either MsisdnSession, SubNumber or Keyword).
gateCustomParameters	KeyValue	Gate resource:customParameters.
customParameters	KeyValue	Optional, all additional parameters may be specified if needed. Note that only one level with key-value data is allowed.
operatorTimestamp	Date	The time of message provided by the provider.

JSON with Media content

```
{
  "messageId": "theMessageId",
  "source": "+4600000000",
  "destination": "+460000000001",
  "channel": "WHATSAPP",
  "timestamp": "2020-10-15T14:35:03Z",
  "content": {
    "type": "MEDIA",
    "subject": "This is the text",
    "items": [
      {
        "type": "URL",
        "contentId": "TheContentId",
        "contentType": "image/jpeg",
        "url": "https://images.com/theimage.jpeg"
      }
    ]
  },
  "operator": "whatsapp",
  "operatorMessageId": "whatsappMessageId",
  "route": {
    "id": "routeId",
    "refId": "",
    "platformId": "MYPLATFORM",
    "platformPartnerId": "MYPARTNER",
    "platformServiceType": "",
    "platformServiceId": "",
    "number": "+460000000001",
    "gateIds": [
      "thegateforTheRoute"
    ],
    "customParameters": {},
    "type": "KEYWORD_ROUTE",
    "keyword": null,
    "keywordType": "DEFAULT",
    "active": true,
    "start": "2020-10-13T12:55:43Z",
    "end": "2030-10-13T12:55:43Z",
    "shared": false,
    "description": "Keyword for testing Whatsapp MO"
  },
  "gateCustomParameters": {
    "mo.type": "common"
  },
  "customParameters": null,
  "operatorTimeStamp": "2020-10-15T14:34:56Z"
}
```

JSON with Text Content

```
{
  "messageId": "theMessageId",
  "source": "+4600000000",
  "destination": "+460000000001",
  "channel": "WHATSAPP",
  "timestamp": "2020-10-15T14:35:03Z",
  "content": {
    "type": "TEXT",
    "data": "This is the text"
  },
  "operator": "whatsapp",
  "operatorMessageId": "whatsappMessageId",
  "route": {
    "id": "routeId",
    "refId": "",
    "platformId": "MYPLATFORM",
    "platformPartnerId": "MYPARTNER",
    "platformServiceType": "",
    "platformServiceId": "",
    "number": "+460000000001",
    "gateIds": [
      "thegateforTheRoute"
    ],
    "customParameters": {},
    "type": "KEYWORD_ROUTE",
    "keyword": null,
    "keywordType": "DEFAULT",
    "active": true,
    "start": "2020-10-13T12:55:43Z",
    "end": "2030-10-13T12:55:43Z",
    "shared": false,
    "description": "Keyword for testing Whatsapp MO"
  },
  "gateCustomParameters": {
    "mo.type": "common"
  },
  "customParameters": null,
  "operatorTimeStamp": "2020-10-15T14:34:56Z"
}
```

Response codes

Codes that can be received in response.

Code	Description	Explained
112000	Unknown error.	An unexpected error occurred. Contact support.
112001	Queued.	The messages are queued to be sent.
112002	Sent.	The message is sent.
112003	Delivered.	The message is delivered.
112004	Ok.	Ok status.
112005	Received.	The message is received.
112400	Unauthorized.	Not authorized. Contact support.
112401	No access.	Missing access. Contact support.
112402	Bad request.	Bad formatted request.
112403	Not delivered.	The message was not delivered.
112404	Invalid contact.	The destination is not a valid WhatsApp destination.
112405	Failed authentication.	Failed to authenticate. Contact support.
112406	Failed WA request.	Failed request from WhatsApp proxy. Contact support.
112500	Server error.	Server error. Contact support.

Supported languages

Supported languages in templates.

Value	Description
Afrikaans	af
Albanian	sq
Arabic	ar
Azerbaijani	az
Bengali	bn
Bulgarian	bg
Catalan	ca
Chinese (CHN)	zh_CN
Chinese (HKG)	zh_HK
Chinese (TAI)	zh_TW
Croatian	hr
Czech	cs
Danish	da
Dutch	nl
English	en
English (UK)	en_GB
English (US)	en_US
Estonian	et
Filipino	fil
Finnish	fi
French	fr
German	de
Greek	el
Gujarati	gu
Hausa	ha

Hebrew	he
Hindi	hi
Hungarian	hu
Indonesian	id
Irish	ga
Italian	it
Japanese	ja
Kannada	kn
Kazakh	kk
Korean	ko
Lao	lo
Latvian	lv
Lithuanian	lt
Macedonian	mk
Malay	ms
Malayalam	ml
Marathi	mr
Norwegian	nb
Persian	fa
Polish	pl
Portuguese (BR)	pt_BR
Portuguese (POR)	pt_PT
Punjabi	pa
Romanian	ro
Russian	ru
Serbian	sr
Slovak	sk
Slovenian	sl

Spanish	es
Spanish (ARG)	es_AR
Spanish (SPA)	es_ES
Spanish (MEX)	es_MX
Swahili	sw
Swedish	sv
Tamil	ta
Telugu	te
Thai	th
Turkish	tr
Ukrainian	uk
Urdu	ur
Uzbek	uz
Vietnamese	vi
Zulu	zu

Appendix 1

Information about hosts/IP-addresses.

Hosts for outgoing traffic

Hostname(s)	IP address(es)
socks1.sp247.net	195.84.162.34
socks2.sp247.net	194.71.165.71
socks3.sp247.net	195.84.162.16
socks4.sp247.net	194.71.165.98
socks5.sp247.net	195.84.162.3
socks6.sp247.net	194.71.165.122
s1.n-eu.linkmobility.io	213.242.87.36
s2.n-eu.linkmobility.io	213.242.87.37
s3.n-eu.linkmobility.io	213.242.87.38
s4.n-eu.linkmobility.io	213.242.87.39
s5.n-eu.linkmobility.io	213.242.87.40
s6.n-eu.linkmobility.io	213.242.87.41
s1.c-eu.linkmobility.io	62.67.62.101
s2.c-eu.linkmobility.io	62.67.62.102
s3.c-eu.linkmobility.io	62.67.62.103
s4.c-eu.linkmobility.io	62.67.62.104
s5.c-eu.linkmobility.io	62.67.62.105
s6.c-eu.linkmobility.io	62.67.62.106
s1.s-eu.linkmobility.io	217.163.95.196
s2.s-eu.linkmobility.io	217.163.95.197
s3.s-eu.linkmobility.io	217.163.95.198
s4.s-eu.linkmobility.io	217.163.95.199
s5.s-eu.linkmobility.io	217.163.95.200
s6.s-eu.linkmobility.io	217.163.95.201
s1.no.linkmobility.io	213.242.87.68
s2.no.linkmobility.io	213.242.87.69
s3.no.linkmobility.io	213.242.87.70
s4.no.linkmobility.io	213.242.87.71
s5.no.linkmobility.io	213.242.87.72
s6.no.linkmobility.io	213.242.87.73
s1.deb.linkmobility.io	62.67.62.68
s2.deb.linkmobility.io	62.67.62.69
s3.deb.linkmobility.io	62.67.62.70
s4.deb.linkmobility.io	62.67.62.71
s5.deb.linkmobility.io	62.67.62.72
s6.deb.linkmobility.io	62.67.62.73

Appendix 2

Information about TLS-versions.

Supported TLS-versions

From 2020-11-15 will TLS 1.2 or higher be required for all HTTPS connections.

Support for TLS 1.0 and 1.1 will be discontinued. Versions 1.0 and 1.1 of TLS are older protocols that have been deprecated and are considered as security risks in the Internet community.

LINK strongly recommend to use HTTPS if HTTP is being used today. HTTP is deprecated as of 2020-09-01 by LINK, and will be removed in the future. Date for HTTP removal is not yet decided.