



API Reference

AWS End User Messaging Social



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AWS End User Messaging Social: API Reference

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Table of Contents

Welcome	1
Actions	2
AssociateWhatsAppBusinessAccount	3
Request Syntax	3
URI Request Parameters	4
Request Body	4
Response Syntax	4
Response Elements	5
Errors	5
See Also	6
DeleteWhatsAppMessageMedia	7
Request Syntax	7
URI Request Parameters	7
Request Body	7
Response Syntax	8
Response Elements	8
Errors	8
See Also	9
DisassociateWhatsAppBusinessAccount	11
Request Syntax	11
URI Request Parameters	11
Request Body	11
Response Syntax	11
Response Elements	11
Errors	11
See Also	12
GetLinkedWhatsAppBusinessAccount	14
Request Syntax	14
URI Request Parameters	14
Request Body	14
Response Syntax	14
Response Elements	15
Errors	15
See Also	16

GetLinkedWhatsAppBusinessAccountPhoneNumber	18
Request Syntax	18
URI Request Parameters	18
Request Body	18
Response Syntax	18
Response Elements	19
Errors	19
See Also	20
GetWhatsAppMessageMedia	22
Request Syntax	22
URI Request Parameters	22
Request Body	22
Response Syntax	24
Response Elements	24
Errors	24
See Also	25
ListLinkedWhatsAppBusinessAccounts	27
Request Syntax	27
URI Request Parameters	27
Request Body	27
Response Syntax	27
Response Elements	28
Errors	28
See Also	29
ListTagsForResource	30
Request Syntax	30
URI Request Parameters	30
Request Body	30
Response Syntax	30
Response Elements	31
Errors	31
See Also	32
PostWhatsAppMessageMedia	33
Request Syntax	33
URI Request Parameters	33
Request Body	33

Response Syntax	34
Response Elements	34
Errors	35
See Also	36
PutWhatsAppBusinessAccountEventDestinations	37
Request Syntax	37
URI Request Parameters	37
Request Body	37
Response Syntax	38
Response Elements	38
Errors	38
See Also	39
SendWhatsAppMessage	40
Request Syntax	40
URI Request Parameters	40
Request Body	40
Response Syntax	41
Response Elements	41
Errors	41
See Also	42
TagResource	44
Request Syntax	44
URI Request Parameters	44
Request Body	44
Response Syntax	45
Response Elements	45
Errors	45
See Also	46
UntagResource	47
Request Syntax	47
URI Request Parameters	47
Request Body	47
Response Syntax	48
Response Elements	48
Errors	48
See Also	49

Data Types	50
LinkedWhatsAppBusinessAccount	51
Contents	51
See Also	52
LinkedWhatsAppBusinessAccountIdMetaData	54
Contents	54
See Also	54
LinkedWhatsAppBusinessAccountSummary	56
Contents	56
See Also	57
S3File	58
Contents	58
See Also	58
S3PresignedUrl	59
Contents	59
See Also	59
Tag	60
Contents	60
See Also	60
WabaPhoneNumberSetupFinalization	61
Contents	61
See Also	62
WabaSetupFinalization	64
Contents	64
See Also	64
WhatsAppBusinessAccountEventDestination	66
Contents	66
See Also	66
WhatsAppPhoneNumberDetail	67
Contents	67
See Also	68
WhatsAppPhoneNumberSummary	70
Contents	70
See Also	71
WhatsAppSetupFinalization	73
Contents	73

See Also	74
WhatsAppSignupCallback	75
Contents	75
See Also	75
WhatsAppSignupCallbackResult	76
Contents	76
See Also	76
Common Parameters	77
Common Errors	80

Welcome

AWS End User Messaging Social, also referred to as Social messaging, is a messaging service that enables application developers to incorporate WhatsApp into their existing workflows. The *AWS End User Messaging Social API* provides information about the *AWS End User Messaging Social API* resources, including supported HTTP methods, parameters, and schemas.

The *AWS End User Messaging Social API* provides programmatic access to options that are unique to the WhatsApp Business Platform.

If you're new to the *AWS End User Messaging Social API*, it's also helpful to review [What is AWS End User Messaging Social](#) in the *AWS End User Messaging Social User Guide*. The *AWS End User Messaging Social User Guide* provides tutorials, code samples, and procedures that demonstrate how to use *AWS End User Messaging Social API* features programmatically and how to integrate functionality into applications. The guide also provides key information, such as integration with other AWS services, and the quotas that apply to use of the service.

Regional availability

The *AWS End User Messaging Social API* is available across several AWS Regions and it provides a dedicated endpoint for each of these Regions. For a list of all the Regions and endpoints where the API is currently available, see [AWS Service Endpoints](#) and [AWS End User Messaging endpoints and quotas](#) in the AWS General Reference. To learn more about AWS Regions, see [Managing AWS Regions](#) in the AWS General Reference.

In each Region, AWS maintains multiple Availability Zones. These Availability Zones are physically isolated from each other, but are united by private, low-latency, high-throughput, and highly redundant network connections. These Availability Zones enable us to provide very high levels of availability and redundancy, while also minimizing latency. To learn more about the number of Availability Zones that are available in each Region, see [AWS Global Infrastructure](#).

This document was last published on October 18, 2024.

Actions

The following actions are supported:

- [AssociateWhatsAppBusinessAccount](#)
- [DeleteWhatsAppMessageMedia](#)
- [DisassociateWhatsAppBusinessAccount](#)
- [GetLinkedWhatsAppBusinessAccount](#)
- [GetLinkedWhatsAppBusinessAccountPhoneNumber](#)
- [GetWhatsAppMessageMedia](#)
- [ListLinkedWhatsAppBusinessAccounts](#)
- [ListTagsForResource](#)
- [PostWhatsAppMessageMedia](#)
- [PutWhatsAppBusinessAccountEventDestinations](#)
- [SendWhatsAppMessage](#)
- [TagResource](#)
- [UntagResource](#)

AssociateWhatsAppBusinessAccount

This is only used through the AWS console during sign-up to associate your WhatsApp Business Account to your AWS account.

Request Syntax

```
POST /v1/whatsapp/signup HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "setupFinalization": {
    "associateInProgressToken": "string",
    "phoneNumberParent": "string",
    "phoneNumbers": [
      {
        "dataLocalizationRegion": "string",
        "id": "string",
        "tags": [
          {
            "key": "string",
            "value": "string"
          }
        ],
        "twoFactorPin": "string"
      }
    ],
    "waba": {
      "eventDestinations": [
        {
          "eventDestinationArn": "string"
        }
      ],
      "id": "string",
      "tags": [
        {
          "key": "string",
          "value": "string"
        }
      ]
    }
  },
  "signupCallback": {
```

```
    "accessToken": "string"  
  }  
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

setupFinalization

A JSON object that contains the phone numbers and WhatsApp Business Account to link to your account.

Type: [WhatsAppSetupFinalization](#) object

Required: No

signupCallback

Contains the callback access token.

Type: [WhatsAppSignupCallback](#) object

Required: No

Response Syntax

```
HTTP/1.1 200  
Content-type: application/json  
  
{  
  "signupCallbackResult": {  
    "associateInProgressToken": "string",  
    "linkedAccountsWithIncompleteSetup": {  
      "string": {  
        "accountName": "string",  
        "registrationStatus": "string",  
        "unregisteredWhatsAppPhoneNumbers": [  

```

```
    {
      "arn": "string",
      "displayPhoneNumber": "string",
      "displayPhoneNumberName": "string",
      "metaPhoneNumberId": "string",
      "phoneNumber": "string",
      "phoneNumberId": "string",
      "qualityRating": "string"
    }
  ]
}
},
"statusCode": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

signupCallbackResult

Contains your WhatsApp registration status.

Type: [WhatsAppSignupCallbackResult](#) object

statusCode

The status code for the response.

Type: Integer

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

DependencyException

Thrown when performing an action because a dependency would be broken.

HTTP Status Code: 502

InvalidParametersException

One or more parameters provided to the action are not valid.

HTTP Status Code: 400

ThrottledRequestException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request contains an invalid parameter value.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteWhatsAppMessageMedia

Delete a media object from the WhatsApp service. If the object is still in an Amazon S3 bucket you should delete it from there too.

Request Syntax

```
DELETE /v1/whatsapp/media?  
mediaId=mediaId&originationPhoneNumberId=originationPhoneNumberId HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

mediaId

The unique identifier of the media file to delete. Use the `mediaId` returned from [PostWhatsAppMessageMedia](#).

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `[A-Za-z0-9]+`

Required: Yes

originationPhoneNumberId

The unique identifier of the originating phone number associated with the media. Phone number identifiers are formatted as `phone-number-id-01234567890123456789012345678901`. Use [GetLinkedWhatsAppBusinessAccount](#) to find a phone number's id.

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `.*(^phone-number-id-.*$)|(^arn:.*:phone-number-id/[0-9a-zA-Z]+$).*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "success": boolean
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

success

Success indicator for deleting the media file.

Type: Boolean

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedByMetaException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

DependencyException

Thrown when performing an action because a dependency would be broken.

HTTP Status Code: 502

InternalServerErrorException

The request processing has failed because of an unknown error, exception, or failure.

HTTP Status Code: 500

InvalidParametersException

One or more parameters provided to the action are not valid.

HTTP Status Code: 400

ResourceNotFoundException

The resource was not found.

HTTP Status Code: 404

ThrottledRequestException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request contains an invalid parameter value.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DisassociateWhatsAppBusinessAccount

Disassociate a WhatsApp Business Account (WABA) from your AWS account.

Request Syntax

```
DELETE /v1/whatsapp/waba/disassociate?id=id HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

id

The unique identifier of your WhatsApp Business Account. WABA identifiers are formatted as `waba-01234567890123456789012345678901`. Use [ListLinkedWhatsAppBusinessAccounts](#) to list all WABAs and their details.

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `.*(^waba-.*$)|(^arn:.*:waba/[0-9a-zA-Z]+$).`*

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

DependencyException

Thrown when performing an action because a dependency would be broken.

HTTP Status Code: 502

InvalidParametersException

One or more parameters provided to the action are not valid.

HTTP Status Code: 400

ResourceNotFoundException

The resource was not found.

HTTP Status Code: 404

ThrottledRequestException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request contains an invalid parameter value.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetLinkedWhatsAppBusinessAccount

Get the details of your linked WhatsApp Business Account.

Request Syntax

```
GET /v1/whatsapp/waba/details?id=id HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

id

The unique identifier, from AWS, of the linked WhatsApp Business Account. WABA identifiers are formatted as `waba-01234567890123456789012345678901`. Use [ListLinkedWhatsAppBusinessAccounts](#) to list all WABAs and their details.

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `.*(^waba-.*$)|(^arn:.*:waba/[0-9a-zA-Z]+$).*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "account": {
    "arn": "string",
    "eventDestinations": [
      {
        "eventDestinationArn": "string"
      }
    ]
  }
}
```

```
    }
  ],
  "id": "string",
  "linkDate": number,
  "phoneNumbers": [
    {
      "arn": "string",
      "displayPhoneNumber": "string",
      "displayPhoneNumberName": "string",
      "metaPhoneNumberId": "string",
      "phoneNumber": "string",
      "phoneNumberId": "string",
      "qualityRating": "string"
    }
  ],
  "registrationStatus": "string",
  "wabaId": "string",
  "wabaName": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

account

The details of the linked WhatsApp Business Account.

Type: [LinkedWhatsAppBusinessAccount](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

DependencyException

Thrown when performing an action because a dependency would be broken.

HTTP Status Code: 502

InternalServiceException

The request processing has failed because of an unknown error, exception, or failure.

HTTP Status Code: 500

InvalidParametersException

One or more parameters provided to the action are not valid.

HTTP Status Code: 400

ResourceNotFoundException

The resource was not found.

HTTP Status Code: 404

ThrottledRequestException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request contains an invalid parameter value.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetLinkedWhatsAppBusinessAccountPhoneNumber

Use your WhatsApp phone number id to get the WABA account id and phone number details.

Request Syntax

```
GET /v1/whatsapp/waba/phone/details?id=id HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

id

The unique identifier of the phone number. Phone number identifiers are formatted as phone-number-id-01234567890123456789012345678901. Use [GetLinkedWhatsAppBusinessAccount](#) to find a phone number's id.

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `.*(^phone-number-id-.*$)|(^arn:.*:phone-number-id/[0-9a-zA-Z]+$).*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "linkedWhatsAppBusinessAccountId": "string",
  "phoneNumber": {
    "arn": "string",
    "displayPhoneNumber": "string",
    "displayPhoneNumberName": "string",
```

```
"metaPhoneNumberId": "string",  
"phoneNumber": "string",  
"phoneNumberId": "string",  
"qualityRating": "string"  
}  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[linkedWhatsAppBusinessAccountId](#)

The WABA identifier linked to the phone number, formatted as waba-01234567890123456789012345678901.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `.*(^waba-.*$)|(^arn:.*:waba/[0-9a-zA-Z]+$).*`

[phoneNumber](#)

The details of your WhatsApp phone number.

Type: [WhatsAppPhoneNumberDetail](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

DependencyException

Thrown when performing an action because a dependency would be broken.

HTTP Status Code: 502

InternalServerErrorException

The request processing has failed because of an unknown error, exception, or failure.

HTTP Status Code: 500

InvalidParametersException

One or more parameters provided to the action are not valid.

HTTP Status Code: 400

ResourceNotFoundException

The resource was not found.

HTTP Status Code: 404

ThrottledRequestException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request contains an invalid parameter value.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetWhatsAppMessageMedia

Get a media file from the WhatsApp service. On successful completion the media file is retrieved from Meta and stored in the specified Amazon S3 bucket. Use either `destinationS3File` or `destinationS3PresignedUrl` for the destination. If both are used then an `InvalidParameterException` is returned.

Request Syntax

```
POST /v1/whatsapp/media/get HTTP/1.1
Content-type: application/json

{
  "destinationS3File": {
    "bucketName": "string",
    "key": "string"
  },
  "destinationS3PresignedUrl": {
    "headers": {
      "string" : "string"
    },
    "url": "string"
  },
  "mediaId": "string",
  "metadataOnly": boolean,
  "originationPhoneNumberId": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

destinationS3File

The `bucketName` and `key` of the S3 media file.

Type: [S3File](#) object

Required: No

[destinationS3PresignedUrl](#)

The presign url of the media file.

Type: [S3PresignedUrl](#) object

Required: No

[mediaId](#)

The unique identifier for the media file.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [A-Za-z0-9]+

Required: Yes

[metadataOnly](#)

Set to `True` to get only the metadata for the file.

Type: Boolean

Required: No

[originationPhoneNumberId](#)

The unique identifier of the originating phone number for the WhatsApp message media. The phone number identifiers are formatted as `phone-number-id-01234567890123456789012345678901`. Use [GetLinkedWhatsAppBusinessAccount](#) to find a phone number's id.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `.*(^phone-number-id-.*$)|(^arn:.*:phone-number-id/[0-9a-zA-Z]+$).*`

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "fileSize": number,
  "mimeType": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

fileSize

The file size of the media, in KB.

Type: Long

mimeType

The MIME type of the media.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedByMetaException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

DependencyException

Thrown when performing an action because a dependency would be broken.

HTTP Status Code: 502

InternalServiceException

The request processing has failed because of an unknown error, exception, or failure.

HTTP Status Code: 500

InvalidParametersException

One or more parameters provided to the action are not valid.

HTTP Status Code: 400

ResourceNotFoundException

The resource was not found.

HTTP Status Code: 404

ThrottledRequestException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request contains an invalid parameter value.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

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- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListLinkedWhatsAppBusinessAccounts

List all WhatsApp Business Accounts linked to your AWS account.

Request Syntax

```
GET /v1/whatsapp/waba/list?maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

maxResults

The maximum number of results to return.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

The next token for pagination.

Length Constraints: Minimum length of 1. Maximum length of 600.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "linkedAccounts": [
    {
      "arn": "string",
      "eventDestinations": [
        {
          "eventDestinationArn": "string"
        }
      ]
    }
  ]
}
```

```
    ],  
    "id": "string",  
    "linkDate": number,  
    "registrationStatus": "string",  
    "wabaId": "string",  
    "wabaName": "string"  
  }  
],  
"nextToken": "string"  
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

linkedAccounts

A list of WhatsApp Business Accounts linked to your AWS account.

Type: Array of [LinkedWhatsAppBusinessAccountSummary](#) objects

nextToken

The next token for pagination.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 600.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServiceException

The request processing has failed because of an unknown error, exception, or failure.

HTTP Status Code: 500

InvalidParametersException

One or more parameters provided to the action are not valid.

HTTP Status Code: 400

ResourceNotFoundException

The resource was not found.

HTTP Status Code: 404

ThrottledRequestException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request contains an invalid parameter value.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListTagsForResource

List all tags associated with a resource, such as a phone number or WABA.

Request Syntax

```
GET /v1/tags/list?resourceArn=resourceArn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

resourceArn

The Amazon Resource Name (ARN) of the resource to retrieve the tags from.

Length Constraints: Minimum length of 0. Maximum length of 2048.

Pattern: `arn:.*`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "statusCode": number,
  "tags": [
    {
      "key": "string",
      "value": "string"
    }
  ]
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

statusCode

The status code of the response.

Type: Integer

tags

The tags for the resource.

Type: Array of [Tag](#) objects

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServiceException

The request processing has failed because of an unknown error, exception, or failure.

HTTP Status Code: 500

InvalidParametersException

One or more parameters provided to the action are not valid.

HTTP Status Code: 400

ThrottledRequestException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request contains an invalid parameter value.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

PostWhatsAppMessageMedia

Upload a media file to the WhatsApp service. Only the specified `originationPhoneNumberId` has the permissions to send the media file when using [SendWhatsAppMessage](#). You must use either `sourceS3File` or `sourceS3PresignedUrl` for the source. If both or neither are specified then an `InvalidParameterException` is returned.

Request Syntax

```
POST /v1/whatsapp/media HTTP/1.1
Content-type: application/json

{
  "originationPhoneNumberId": "string",
  "sourceS3File": {
    "bucketName": "string",
    "key": "string"
  },
  "sourceS3PresignedUrl": {
    "headers": {
      "string" : "string"
    },
    "url": "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[originationPhoneNumberId](#)

The ID of the phone number to associate with the WhatsApp media file. The phone number identifiers are formatted as `phone-number-id-01234567890123456789012345678901`. Use [GetLinkedWhatsAppBusinessAccount](#) to find a phone number's id.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `.*(^phone-number-id-.*$)|(^arn:.*:phone-number-id/[0-9a-zA-Z]+$).*`

Required: Yes

sourceS3File

The source S3 url for the media file.

Type: [S3File](#) object

Required: No

sourceS3PresignedUrl

The source presign url of the media file.

Type: [S3PresignedUrl](#) object

Required: No

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "mediaId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

mediaId

The unique identifier of the posted WhatsApp message.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: [A-Za-z0-9]+

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedByMetaException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

DependencyException

Thrown when performing an action because a dependency would be broken.

HTTP Status Code: 502

InternalServiceException

The request processing has failed because of an unknown error, exception, or failure.

HTTP Status Code: 500

InvalidParametersException

One or more parameters provided to the action are not valid.

HTTP Status Code: 400

ResourceNotFoundException

The resource was not found.

HTTP Status Code: 404

ThrottledRequestException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request contains an invalid parameter value.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

PutWhatsAppBusinessAccountEventDestinations

Add an event destination to log event data from WhatsApp for a WhatsApp Business Account (WABA). A WABA can only have one event destination at a time. All resources associated with the WABA use the same event destination.

Request Syntax

```
PUT /v1/whatsapp/waba/eventdestinations HTTP/1.1
Content-type: application/json

{
  "eventDestinations": [
    {
      "eventDestinationArn": "string"
    }
  ],
  "id": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

eventDestinations

An array of `WhatsAppBusinessAccountEventDestination` event destinations.

Type: Array of [WhatsAppBusinessAccountEventDestination](#) objects

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Required: Yes

id

The unique identifier of your WhatsApp Business Account. WABA identifiers are formatted as `waba-01234567890123456789012345678901`. Use [ListLinkedWhatsAppBusinessAccounts](#) to list all WABAs and their details.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `.*(^waba-.*$)|(^arn:.*:waba/[0-9a-zA-Z]+$).*`

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

The request processing has failed because of an unknown error, exception, or failure.

HTTP Status Code: 500

InvalidParametersException

One or more parameters provided to the action are not valid.

HTTP Status Code: 400

ThrottledRequestException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request contains an invalid parameter value.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SendWhatsAppMessage

Send a WhatsApp message. For examples of sending a message using the AWS CLI, see [Sending messages](#) in the [AWS End User Messaging Social User Guide](#) .

Request Syntax

```
POST /v1/whatsapp/send HTTP/1.1
Content-type: application/json

{
  "message": blob,
  "metaApiVersion": "string",
  "originationPhoneNumberId": "string"
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[message](#)

The message to send through WhatsApp. The length is in KB. The message field passes through a WhatsApp Message object, see [Messages](#) in the *WhatsApp Business Platform Cloud API Reference*.

Type: Base64-encoded binary data object

Length Constraints: Minimum length of 1. Maximum length of 2048000.

Required: Yes

[metaApiVersion](#)

The API version for the request formatted as v{VersionNumber}. For a list of supported API versions and AWS Regions, see [AWS End User Messaging Social API Service Endpoints](#) in the *AWS General Reference*.

Type: String

Required: Yes

originationPhoneNumberId

The ID of the phone number used to send the WhatsApp message. If you are sending a media file only the `originationPhoneNumberId` used to upload the file can be used. Phone number identifiers are formatted as `phone-number-id-01234567890123456789012345678901`. Use [GetLinkedWhatsAppBusinessAccount](#) to find a phone number's id.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `.*(^phone-number-id-.*$)|(^arn:.*:phone-number-id/[0-9a-zA-Z]+$).*`

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "messageId": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

messageId

The unique identifier of the message.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

DependencyException

Thrown when performing an action because a dependency would be broken.

HTTP Status Code: 502

InternalServiceException

The request processing has failed because of an unknown error, exception, or failure.

HTTP Status Code: 500

InvalidParametersException

One or more parameters provided to the action are not valid.

HTTP Status Code: 400

ResourceNotFoundException

The resource was not found.

HTTP Status Code: 404

ThrottledRequestException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request contains an invalid parameter value.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

TagResource

Adds or overwrites only the specified tags for the specified resource. When you specify an existing tag key, the value is overwritten with the new value.

Request Syntax

```
POST /v1/tags/tag-resource HTTP/1.1
Content-type: application/json
```

```
{
  "resourceArn": "string",
  "tags": [
    {
      "key": "string",
      "value": "string"
    }
  ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

resourceArn

The Amazon Resource Name (ARN) of the resource to tag.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Pattern: `arn:.*`

Required: Yes

tags

The tags to add to the resource.

Type: Array of [Tag](#) objects

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "statusCode": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

[statusCode](#)

The status code of the tag resource operation.

Type: Integer

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServiceException

The request processing has failed because of an unknown error, exception, or failure.

HTTP Status Code: 500

InvalidParametersException

One or more parameters provided to the action are not valid.

HTTP Status Code: 400

ThrottledRequestException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request contains an invalid parameter value.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UntagResource

Removes the specified tags from a resource.

Request Syntax

```
POST /v1/tags/untag-resource HTTP/1.1
Content-type: application/json
```

```
{
  "resourceArn": "string",
  "tagKeys": [ "string" ]
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

[resourceArn](#)

The Amazon Resource Name (ARN) of the resource to remove tags from.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Pattern: arn:.*

Required: Yes

[tagKeys](#)

The keys of the tags to remove from the resource.

Type: Array of strings

Required: Yes

Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "statusCode": number
}
```

Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

statusCode

The status code of the untag resource operation.

Type: Integer

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServiceException

The request processing has failed because of an unknown error, exception, or failure.

HTTP Status Code: 500

InvalidParametersException

One or more parameters provided to the action are not valid.

HTTP Status Code: 400

ThrottledRequestException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The request contains an invalid parameter value.

HTTP Status Code: 400

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

Data Types

The AWS End User Messaging Social API contains several data types that various actions use. This section describes each data type in detail.

Note

The order of each element in a data type structure is not guaranteed. Applications should not assume a particular order.

The following data types are supported:

- [LinkedWhatsAppBusinessAccount](#)
- [LinkedWhatsAppBusinessAccountIdMetaData](#)
- [LinkedWhatsAppBusinessAccountSummary](#)
- [S3File](#)
- [S3PresignedUrl](#)
- [Tag](#)
- [WabaPhoneNumberSetupFinalization](#)
- [WabaSetupFinalization](#)
- [WhatsAppBusinessAccountEventDestination](#)
- [WhatsAppPhoneNumberDetail](#)
- [WhatsAppPhoneNumberSummary](#)
- [WhatsAppSetupFinalization](#)
- [WhatsAppSignupCallback](#)
- [WhatsAppSignupCallbackResult](#)

LinkedWhatsAppBusinessAccount

The details of your linked WhatsApp Business Account.

Contents

arn

The ARN of the linked WhatsApp Business Account.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Pattern: `arn:.*:waba/[0-9a-zA-Z]+`

Required: Yes

eventDestinations

The event destinations for the linked WhatsApp Business Account.

Type: Array of [WhatsAppBusinessAccountEventDestination](#) objects

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Required: Yes

id

The ID of the linked WhatsApp Business Account, formatted as `waba-01234567890123456789012345678901`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `.*(^waba-.*$)|(^arn:.*:waba/[0-9a-zA-Z]+$).*`

Required: Yes

linkDate

The date the WhatsApp Business Account was linked.

Type: Timestamp

Required: Yes

phoneNumbers

The phone numbers associated with the Linked WhatsApp Business Account.

Type: Array of [WhatsAppPhoneNumberSummary](#) objects

Required: Yes

registrationStatus

The registration status of the linked WhatsApp Business Account.

Type: String

Valid Values: COMPLETE | INCOMPLETE

Required: Yes

wabId

The WhatsApp Business Account ID from meta.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

wabName

The name of the linked WhatsApp Business Account.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 200.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

LinkedWhatsAppBusinessAccountIdMetaData

Contains your WhatsApp registration status and details of any unregistered WhatsApp phone number.

Contents

accountName

The name of your account.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 200.

Required: No

registrationStatus

The registration status of the linked WhatsApp Business Account.

Type: String

Valid Values: COMPLETE | INCOMPLETE

Required: No

unregisteredWhatsAppPhoneNumbers

The details for unregistered WhatsApp phone numbers.

Type: Array of [WhatsAppPhoneNumberDetail](#) objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

LinkedWhatsAppBusinessAccountSummary

The details of a linked WhatsApp Business Account.

Contents

arn

The ARN of the linked WhatsApp Business Account.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Pattern: `arn:.*:waba/[0-9a-zA-Z]+`

Required: Yes

eventDestinations

The event destinations for the linked WhatsApp Business Account.

Type: Array of [WhatsAppBusinessAccountEventDestination](#) objects

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Required: Yes

id

The ID of the linked WhatsApp Business Account, formatted as `waba-01234567890123456789012345678901`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `.*(^waba-.*$)|(^arn:.*:waba/[0-9a-zA-Z]+$).*`

Required: Yes

linkDate

The date the WhatsApp Business Account was linked.

Type: Timestamp

Required: Yes

registrationStatus

The registration status of the linked WhatsApp Business Account.

Type: String

Valid Values: COMPLETE | INCOMPLETE

Required: Yes

wabald

The WhatsApp Business Account ID provided by Meta.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

wabaName

The name of the linked WhatsApp Business Account.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 200.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

S3File

Contains information for the S3 bucket that contains media files.

Contents

bucketName

The bucket name.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 63.

Pattern: `[a-z0-9][a-z0-9.-]*[a-z0-9]`

Required: Yes

key

The object key of the media file.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1024.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

S3PresignedUrl

You can use presigned URLs to grant time-limited access to objects in Amazon S3 without updating your bucket policy. For more information, see [Working with presigned URLs](#) in the *Amazon S3 User Guide*.

Contents

headers

A map of headers and their values. You must specify the Content-Type header when using PostWhatsAppMessageMedia. For a list of common headers, see [Common Request Headers](#) in the *Amazon S3 API Reference*

Type: String to string map

Required: Yes

url

The presign url to the object.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2000.

Pattern: `https://(.*)s3(.*)\.amazonaws\.com/(.*)`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Tag

The tag for a resource.

Contents

key

The tag key.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

value

The tag value.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WabaPhoneNumberSetupFinalization

The registration details for a linked phone number.

Contents

id

The unique identifier of the originating phone number associated with the media. Phone number identifiers are formatted as phone-number-id-01234567890123456789012345678901. Use [GetLinkedWhatsAppBusinessAccount](#) to find a phone number's id.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

twoFactorPin

The PIN to use for two-step verification. To reset your PIN follow the directions in [Updating PIN](#) in the *WhatsApp Business Platform Cloud API Reference*.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 6.

Required: Yes

dataLocalizationRegion

The two letter ISO region for the location of where Meta will store data.

Asia-Pacific (APAC)

- Australia **AU**
- Indonesia **ID**
- India **IN**
- Japan **JP**
- Singapore **SG**
- South Korea **KR**

Europe

- Germany **DE**
- Switzerland **CH**
- United Kingdom **GB**

Latin America (LATAM)

- Brazil **BR**

Middle East and Africa (MEA)

- Bahrain **BH**
- South Africa **ZA**
- United Arab Emirates **AE**

North America (NORAM)

- Canada **CA**

Type: String

Pattern: [A-Z]{2}

Required: No

tags

An array of key and value pair tags.

Type: Array of [Tag](#) objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WabaSetupFinalization

The registration details for a linked WhatsApp Business Account.

Contents

eventDestinations

The event destinations for the linked WhatsApp Business Account.

Type: Array of [WhatsAppBusinessAccountEventDestination](#) objects

Array Members: Minimum number of 0 items. Maximum number of 1 item.

Required: No

id

The ID of the linked WhatsApp Business Account, formatted as waba-01234567890123456789012345678901.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: No

tags

An array of key and value pair tags.

Type: Array of [Tag](#) objects

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

WhatsAppBusinessAccountEventDestination

Contains information on the event destination.

Contents

eventDestinationArn

The ARN of the event destination.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Pattern: `arn:.*:[a-z-]+([/:](.*))?`

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WhatsAppPhoneNumberDetail

The details of your WhatsApp phone number.

Contents

arn

The ARN of the WhatsApp phone number.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Pattern: `arn:.*:phone-number-id/[0-9a-zA-Z]+`

Required: Yes

displayPhoneNumber

The phone number that appears in the recipients display.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 20.

Required: Yes

displayPhoneNumberName

The display name for this phone number.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 200.

Required: Yes

metaPhoneNumberId

The phone number ID from Meta.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

phoneNumber

The phone number for sending WhatsApp.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Required: Yes

phoneNumberId

The phone number ID. Phone number identifiers are formatted as phone-number-id-01234567890123456789012345678901.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `.*(^phone-number-id-.*$)|(^arn:.*:phone-number-id/[0-9a-zA-Z]+$).*`

Required: Yes

qualityRating

The quality rating of the phone number.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 10.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WhatsAppPhoneNumberSummary

The details of a linked phone number.

Contents

arn

The full Amazon Resource Name (ARN) for the phone number.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

Pattern: `arn:.*:phone-number-id/[0-9a-zA-Z]+`

Required: Yes

displayPhoneNumber

The phone number that appears in the recipients display.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 20.

Required: Yes

displayPhoneNumberName

The display name for this phone number.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 200.

Required: Yes

metaPhoneNumberId

The phone number ID from Meta.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: Yes

phoneNumber

The phone number associated with the Linked WhatsApp Business Account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Required: Yes

phoneNumberId

The phone number ID. Phone number identifiers are formatted as phone-number-id-01234567890123456789012345678901.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `.*(^phone-number-id-.*$)|(^arn:.*:phone-number-id/[0-9a-zA-Z]+$).*`

Required: Yes

qualityRating

The quality rating of the phone number. This is from Meta.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 10.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WhatsAppSetupFinalization

The details of linking a WhatsApp Business Account to your AWS account.

Contents

associateInProgressToken

An AWS access token generated by `WhatsAppSignupCallback` and used by `WhatsAppSetupFinalization`.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 50.

Required: Yes

phoneNumbers

An array of `WabaPhoneNumberSetupFinalization` objects containing the details of each phone number associated with the WhatsApp Business Account.

Type: Array of [WabaPhoneNumberSetupFinalization](#) objects

Required: Yes

phoneNumberParent

Used to add a new phone number to an existing WhatsApp Business Account. This field can't be used when the `waba` field is present.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `.*(^waba-.*$)|(^arn:.*:waba/[0-9a-zA-Z]+$).*`

Required: No

waba

Used to create a new WhatsApp Business Account and add a phone number. This field can't be used when the `phoneNumberParent` field is present.

Type: [WabaSetupFinalization](#) object

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WhatsAppSignupCallback

Contains the `accessToken` provided by Meta during signup.

Contents

`accessToken`

The access token for your WhatsApp Business Account. The `accessToken` value is provided by Meta.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Required: Yes

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

WhatsAppSignupCallbackResult

Contains the results of WhatsAppSignupCallback.

Contents

associateInProgressToken

An AWS access token generated by WhatsAppSignupCallback and used by WhatsAppSetupFinalization.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 50.

Required: No

linkedAccountsWithIncompleteSetup

A LinkedWhatsAppBusinessAccountIdMetaData object map containing the details of any WhatsAppBusiness accounts that have incomplete setup.

Type: String to [LinkedWhatsAppBusinessAccountIdMetaData](#) object map

Key Length Constraints: Minimum length of 1. Maximum length of 100.

Required: No

See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

Common Parameters

The following list contains the parameters that all actions use for signing Signature Version 4 requests with a query string. Any action-specific parameters are listed in the topic for that action. For more information about Signature Version 4, see [Signing AWS API requests](#) in the *IAM User Guide*.

Action

The action to be performed.

Type: string

Required: Yes

Version

The API version that the request is written for, expressed in the format YYYY-MM-DD.

Type: string

Required: Yes

X-Amz-Algorithm

The hash algorithm that you used to create the request signature.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Valid Values: AWS4-HMAC-SHA256

Required: Conditional

X-Amz-Credential

The credential scope value, which is a string that includes your access key, the date, the region you are targeting, the service you are requesting, and a termination string ("aws4_request"). The value is expressed in the following format: *access_key/YYYYMMDD/region/service/aws4_request*.

For more information, see [Create a signed AWS API request](#) in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-Date

The date that is used to create the signature. The format must be ISO 8601 basic format (YYYYMMDD'T'HHMMSS'Z'). For example, the following date time is a valid X-Amz-Date value: 20120325T120000Z.

Condition: X-Amz-Date is optional for all requests; it can be used to override the date used for signing requests. If the Date header is specified in the ISO 8601 basic format, X-Amz-Date is not required. When X-Amz-Date is used, it always overrides the value of the Date header. For more information, see [Elements of an AWS API request signature](#) in the *IAM User Guide*.

Type: string

Required: Conditional

X-Amz-Security-Token

The temporary security token that was obtained through a call to AWS Security Token Service (AWS STS). For a list of services that support temporary security credentials from AWS STS, see [AWS services that work with IAM](#) in the *IAM User Guide*.

Condition: If you're using temporary security credentials from AWS STS, you must include the security token.

Type: string

Required: Conditional

X-Amz-Signature

Specifies the hex-encoded signature that was calculated from the string to sign and the derived signing key.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

X-Amz-SignedHeaders

Specifies all the HTTP headers that were included as part of the canonical request. For more information about specifying signed headers, see [Create a signed AWS API request](#) in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

Common Errors

This section lists the errors common to the API actions of all AWS services. For errors specific to an API action for this service, see the topic for that API action.

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ExpiredTokenException

The security token included in the request is expired

HTTP Status Code: 403

IncompleteSignature

The request signature does not conform to AWS standards.

HTTP Status Code: 403

InternalFailure

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

MalformedHttpRequestException

Problems with the request at the HTTP level, e.g. we can't decompress the body according to the decompression algorithm specified by the content-encoding.

HTTP Status Code: 400

NotAuthorized

You do not have permission to perform this action.

HTTP Status Code: 401

OptInRequired

The AWS access key ID needs a subscription for the service.

HTTP Status Code: 403

RequestAbortedException

Convenient exception that can be used when a request is aborted before a reply is sent back (e.g. client closed connection).

HTTP Status Code: 400

RequestEntityTooLargeException

Problems with the request at the HTTP level. The request entity is too large.

HTTP Status Code: 413

RequestExpired

The request reached the service more than 15 minutes after the date stamp on the request or more than 15 minutes after the request expiration date (such as for pre-signed URLs), or the date stamp on the request is more than 15 minutes in the future.

HTTP Status Code: 400

RequestTimeoutException

Problems with the request at the HTTP level. Reading the Request timed out.

HTTP Status Code: 408

ServiceUnavailable

The request has failed due to a temporary failure of the server.

HTTP Status Code: 503

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

UnrecognizedClientException

The X.509 certificate or AWS access key ID provided does not exist in our records.

HTTP Status Code: 403

UnknownOperationException

The action or operation requested is invalid. Verify that the action is typed correctly.

HTTP Status Code: 404

ValidationError

The input fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400