

Ushahidi 3.x API Messages Resource

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POST messages

Create a message

Note: Only outgoing messages can be created through the API. Incoming messages are created by data provider modules.

METHOD: POST

ENDPOINT: /api/v2/messages/

AUTHENTICATED: No

The request body is a JSON representation of the message being created.

Example request

POST https://ushv3.dev/api/v2/messages

Post Data

```
{
  "message": "Test creating outgoing",
  "type": "sms",
  "direction": "outgoing",
  "contact_id": "1"
}
```

Response

```
{
  "id": 9,
  "url": "http://ushv3.dev/api/v2/messages/9",
  "parent": null,
  "contact": {
    "id": "1",
    "url": "http://ushv3.dev/api/v2/contacts/1",
    "user": {
      "id": "1",
      "url": "http://ushv3.dev/api/v2/users/1"
    },
    "contact": "123456789",
    "type": "phone",
    "data_provider": "",
    "created": "1970-01-01T00:00:00+00:00"
  },
  "data_feed": null,
  "post": null,
  "data_provider": null,
  "data_provider_message_id": null,
  "title": null,
  "message": "Test creating outgoing",
  "datetime": null,
  "type": "sms",
  "status": "pending",
  "direction": "outgoing",
  "created": "2014-01-17T03:23:43+00:00",
  "allowed_methods": {
    "get": true,
    "post": true,
    "put": true,
    "delete": true
  }
}
```

GET messages

Listing all messages

METHOD: GET
ENDPOINT: /api/v2/messages/
AUTHENTICATED: No

Query Parameters

Note with no parameters the messages API defaults to returning messages with direction = incoming and status != archived.

Name	Type	Description
q	Optional	Only messages containing this search string will be returned, matched against 'title' and 'message' properties
type	Optional	Only messages of this type will be returned: report, revision, comment or alert
direction	Optional	Filter messages based on direction. incoming or outgoing. Default: incoming
status	Optional	Filter messages based on status. Options: pending, pending_poll, archived, received, expired, cancelled, failed, unknown, sent, all. Default: != archived
parent	Optional	Filter by parent message id
contact	Optional	Filter by contact id
data_feed	Optional	Filter by data feed id
data_provider	Optional	Filter by data provider id
post	Optional	Filter by post id
order	Optional	Returned messages will be sorted in this order: ASC or DESC. Default: DESC
order_by	Optional	Returned messages will be sorted by this field. Default: created
limit	Optional	Limit number of results returned. Default: 50. Max: 500
offset	Optional	messages returned will be offset by this number of results

Example Request

GET https://ushv3.dev/api/v2/messages

Response

```
{
  "count": 5,
  "total_count": 5,
  "results": [{
    "id": "1",
    "url": "http://ushv3.dev/api/v2/messages/1",
    "parent": null,
    "contact": {
      "id": "1",
```

```
"url": "http://ushv3.dev/api/v2/contacts/1",
"user": {
  "id": "1",
  "url": "http://ushv3.dev/api/v2/users/1"
},
"contact": "123456789",
"type": "phone",
"data_provider": "",
"created": "1970-01-01T00:00:00+00:00"
},
"data_feed": null,
"post": null,
"data_provider": null,
"data_provider_message_id": null,
"title": "abc",
"message": "A test message",
"datetime": null,
"type": "sms",
"status": "received",
"direction": "incoming",
"created": "1970-01-01T00:00:00+00:00",
"allowed_methods": {
  "get": true,
  "post": true,
  "put": true,
  "delete": true
}
}, {
  "id": "2",
  "url": "http://ushv3.dev/api/v2/messages/2",
  "parent": null,
  "contact": {
    "id": "3",
    "url": "http://ushv3.dev/api/v2/contacts/3",
    "user": null,
    "contact": "773456789",
    "type": "phone",
    "data_provider": "",
    "created": "1970-01-01T00:00:00+00:00"
  },
  "data_feed": null,
  "post": null,
  "data_provider": null,
  "data_provider_message_id": null,
  "title": "",
  "message": "Another test message",
  "datetime": null,
  "type": "sms",
  "status": "received",
  "direction": "incoming",
  "created": "1970-01-01T00:00:00+00:00",
  "allowed_methods": {
    "get": true,
    "post": true,
    "put": true,
    "delete": true
  }
}
}, {
  "id": "3",
```

```
"url": "http://ushv3.dev/vapi/v2/messages/3",
"parent": null,
"contact": {
  "id": "2",
  "url": "http://ushv3.dev/vapi/v2/contacts/2",
  "user": null,
  "contact": "somejunkemail@v3.usahidi.com",
  "type": "email",
  "data_provider": "",
  "created": "1970-01-01T00:00:00+00:00"
},
"data_feed": null,
"post": null,
"data_provider": null,
"data_provider_message_id": null,
"title": "Test email",
"message": "test email body abc",
"datetime": "2013-01-02T07:07:00+00:00",
"type": "email",
"status": "received",
"direction": "incoming",
"created": "1970-01-01T00:00:00+00:00",
"allowed_methods": {
  "get": true,
  "post": true,
  "put": true,
  "delete": true
}
}, {
  "id": "4",
  "url": "http://ushv3.dev/vapi/v2/messages/4",
  "parent": null,
  "contact": {
    "id": "3",
    "url": "http://ushv3.dev/vapi/v2/contacts/3",
    "user": null,
    "contact": "773456789",
    "type": "phone",
    "data_provider": "",
    "created": "1970-01-01T00:00:00+00:00"
  },
  "data_feed": {
    "id": "1",
    "url": "http://ushv3.dev/vapi/v2/datafeeds/1"
  },
  "post": {
    "id": "110",
    "url": "http://ushv3.dev/vapi/v2/posts/110"
  },
  "data_provider": null,
  "data_provider_message_id": null,
  "title": "",
  "message": "Another message with a post",
  "datetime": null,
  "type": "sms",
  "status": "received",
  "direction": "incoming",
  "created": "1970-01-01T00:00:00+00:00",
  "allowed_methods": {
```

```
"get": true,
"post": true,
"put": true,
"delete": true
}
}, {
  "id": "5",
  "url": "http://ushv3.dev/api/v2/messages/5",
  "parent": null,
  "contact": {
    "id": "1",
    "url": "http://ushv3.dev/api/v2/contacts/1",
    "user": {
      "id": "1",
      "url": "http://ushv3.dev/api/v2/users/1"
    },
    "contact": "123456789",
    "type": "phone",
    "data_provider": "",
    "created": "1970-01-01T00:00:00+00:00"
  },
  "data_feed": null,
  "post": null,
  "data_provider": "smssync",
  "data_provider_message_id": null,
  "title": "",
  "message": "A test message with provider",
  "datetime": null,
  "type": "sms",
  "status": "received",
  "direction": "incoming",
  "created": "1970-01-01T00:00:00+00:00",
  "allowed_methods": {
    "get": true,
    "post": true,
    "put": true,
    "delete": true
  }
}
}],
"limit": 50,
"offset": 0,
"order": "DESC",
"orderby": "created",
"curr": "http://ushv3.dev/api/v2/messages?limit=50&offset=0",
"next": "http://ushv3.dev/api/v2/messages?limit=50&offset=50",
```

```
"prev": "http://ushv3.dev/api/v2/messages?limit=50&offset=0"
}
```

Search Example

GET https://ushv3.dev/api/v2/messages?q=abc

Response

```
{
  "count": 2,
  "total_count": 2,
  "results": [{
    "id": "1",
    "url": "http://ushv3.dev/api/v2/messages/1",
    "parent": null,
    "contact": {
      "id": "1",
      "url": "http://ushv3.dev/api/v2/contacts/1",
      "user": {
        "id": "1",
        "url": "http://ushv3.dev/api/v2/users/1"
      },
      "contact": "123456789",
      "type": "phone",
      "data_provider": "",
      "created": "1970-01-01T00:00:00+00:00"
    },
    "data_feed": null,
    "post": null,
    "data_provider": null,
    "data_provider_message_id": null,
    "title": "abc",
    "message": "A test message",
    "datetime": null,
    "type": "sms",
    "status": "received",
    "direction": "incoming",
    "created": "1970-01-01T00:00:00+00:00",
    "allowed_methods": {
      "get": true,
      "post": true,
      "put": true,
      "delete": true
    }
  }], {
    "id": "3",
    "url": "http://ushv3.dev/api/v2/messages/3",
    "parent": null,
    "contact": {
      "id": "2",
      "url": "http://ushv3.dev/api/v2/contacts/2",
      "user": null,
      "contact": "somejunkemail@v3.usahidi.com",

```

```
    "type": "email",
    "data_provider": "",
    "created": "1970-01-01T00:00:00+00:00"
  },
  "data_feed": null,
  "post": null,
  "data_provider": null,
  "data_provider_message_id": null,
  "title": "Test email",
  "message": "test email body abc",
  "datetime": "2013-01-02T07:07:00+00:00",
  "type": "email",
  "status": "received",
  "direction": "incoming",
  "created": "1970-01-01T00:00:00+00:00",
  "allowed_methods": {
    "get": true,
    "post": true,
    "put": true,
    "delete": true
  }
}],
"limit": 50,
"offset": 0,
"order": "DESC",
"orderby": "created",
"curr": "http://ushv3.dev/vapi/v2/messages?q=abc&limit=50&offset=0",
"next": "http://ushv3.dev/vapi/v2/messages?q=abc&limit=50&offset=50",
```



```
"prev": "http://ushv3.dev/api/v2/messages?q=abc&limit=50&offset=0"  
}
```

GET messages/:id

Get a single message

METHOD: GET

ENDPOINT: /api/v2/messages/:id

AUTHENTICATED: Yes

Query Parameters

Name	Type	Description
id	Required	The numerical id of the message being updated.

Example Request

GET http://ushv3.dev/api/v2/messages/1

Response

```
{
  "id": "1",
  "url": "http://ushv3.dev/api/v2/messages/1",
  "parent": null,
  "contact": {
    "id": "1",
    "url": "http://ushv3.dev/api/v2/contacts/1",
    "user": {
      "id": "1",
      "url": "http://ushv3.dev/api/v2/users/1"
    },
    "contact": "123456789",
    "type": "phone",
    "data_provider": "",
    "created": "1970-01-01T00:00:00+00:00"
  },
  "data_feed": null,
  "post": null,
  "data_provider": null,
  "data_provider_message_id": null,
  "title": "abc",
  "message": "A test message",
  "datetime": null,
  "type": "sms",
  "status": "received",
  "direction": "incoming",
  "created": "1970-01-01T00:00:00+00:00",
  "allowed_methods": {
    "get": true,
    "post": true,
    "put": true,
    "delete": true
  }
}
```

PUT messages/:id

Update a message

METHOD: PUT

ENDPOINT: /api/v2/messages/:id

AUTHENTICATED: Yes

Messages updates are subject to special rules depending on if they are incoming or outgoing

- Incoming messages only allow updates to 'status'. The message itself cannot be edited
- Outgoing messages allow most values to be updated as normal

Query Parameters

Name	Type	Description
id	Required	The numerical id of the message being updated.

Example Request

Archive message, and try to edit the message text.. In this case the message is status is changed but other changes are ignored.

PUT <http://ushv3.dev/api/v2/messages/1>

Post Data

```
{
  "message": "Overwrite message",
  "status": "archived"
}
```

Response

```
{
  "id": "1",
  "url": "http://ushv3.dev/api/v2/messages/1",
  "parent": null,
  "contact": {
    "id": "1",
    "url": "http://ushv3.dev/api/v2/contacts/1",
    "user": {
      "id": "1",
      "url": "http://ushv3.dev/api/v2/users/1"
    },
    "contact": "123456789",
    "type": "phone",
    "data_provider": "",
    "created": "1970-01-01T00:00:00+00:00"
  },
  "data_feed": null,
  "post": null,
  "data_provider": null,
  "data_provider_message_id": null,
  "title": "abc",
  "message": "A test message",
  "datetime": null,
  "type": "sms",
  "status": "archived",
  "direction": "incoming",
  "created": "1970-01-01T00:00:00+00:00",
  "allowed_methods": {
    "get": true,
    "post": true,
    "put": true,
    "delete": true
  }
}
```

DELETE messages/:id

Deleting a message

METHOD: DELETE

ENDPOINT: /api/v2/messages/:id

Messages cannot be deleted through the API.