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Zipwhip Web Hooks

Web Hooks allow Server-to-Server communication of new events, without the hassle of a persistent connection. The idea behind Web Hooks is to give implementers the ability to receive real-time events as items change within Zipwhip.

Security

With all items involving messages and messages bodies, it is important to setup Web Hooks with privacy in mind.

- It is recommended that the destination address is HTTPS.
- Zipwhip supports TLS V1.0 and greater. > Zipwhip does not support SSL V3.0 and older.

Access Control List, ACL

If you have strict firewall rules or would prefer to lock down your Web Hook end-points to our IP space, then those ranges are provided below.

69.46.44.0/24

208.69.95.64/26

General Information

Events

As the implementer, you can chose which events you would like to listen for.

- Delete
- Progress

- Read
- Receive
- Send

Example Payload

```
POST /message/receive HTTP/1.1
User-Agent: Jakarta Commons-HttpClient/3.1
Host: http://www.yoururl.com/zipwhip/api/receive
Content-Length: 581
Content-Type: application/json; charset=UTF-8
```

```
{
  "body": "Thanks for texting, this is an auto reply!",
  "bodySize": 42,
  "visible": true,
  "hasAttachment": false,
  "dateRead": null,
  "bcc": null,
  "finalDestination": "4257772300",
  "messageType": "MO",
  "deleted": false,
  "statusCode": 4,
  "id": 634151298329219072,
  "scheduledDate": null,
  "fingerprint": "132131532",
  "messageTransport": 9,
  "contactId": 3382213402,
  "address": "ptn:/4257772222",
  "read": false,
  "dateCreated": "2015-08-19T16:53:45-07:00",
  "dateDeleted": null,
  "dateDelivered": null,
  "cc": null,
  "finalSource": "4257772222",
  "deviceId": 299538202
}
```

Adding Web Hooks

Install a Web Hook onto the text-enabled phone number. When an event occurs the details of the message will be delivered to the URL specified.

Parameters

Parameter Required Description

| | | |
|---------|-------|--|
| session | True | Session is the response of user/login. |
| type | True | For now, the available options is 'message' |
| event | True | Events listed above. i.e. send, receive, etc. |
| url | True | The destination when the event fires. |
| method | False | HTTP Method used for Web Hook. i.e. POST, PUT, GET |

Example Request

```
$ curl -X POST https://api.zipwhip.com/webhook/add \
  -d session=[sessionKey] \
  -d type=message \
  -d event=receive \
  -d url=https://test.zipwhip.com/message/receive \
  -d method=POST
```

Example Response

```
{
  "success": true,
  "response": [
    {
      "webhookId": 687557714,
      "type": "message",
      "event": "receive",
      "url": "https://test.zipwhip.com/message/receive",
      "method": "POST"
    }
  ]
}
```

Updating Web Hooks

Update an existing Web Hook configuration. Change the URL or update the Method used.

Parameters

Parameter Required Description

| | | |
|-----------|-------|--|
| session | True | Session is the response of user/login. |
| webhookId | True | The Id of an installed Web Hook. |
| url | False | The destination when the event fires. |
| method | False | HTTP Method used for Web Hook. i.e. POST, PUT, GET |

Example Request

```
$ curl -X POST https://api.zipwhip.com/webhook/update \
  -d session=[sessionKey] \
  -d method=PUT
```

Example Response

```
{
  "success": true,
  "response": [
    {
      "webhookId": 687557714,
      "type": "message",
      "event": "receive",
      "url": "https://test.zipwhip.com/message/receive",
      "method": "PUT"
    }
  ]
}
```

List Web Hooks

List the currently installed Web Hooks for the account.

Parameters

Parameter Required Description

| | | |
|---------|------|--|
| session | True | Session is the response of user/login. |
|---------|------|--|

Example Request

```
$ curl -G https://api.zipwhip.com/webhook/list \
-d session=[sessionKey]
```

Example Response

```
{
  "success": true,
  "response": [
    {
      "webhookId": 687557714,
      "type": "message",
      "event": "receive",
      "url": "https://test.zipwhip.com/message/receive",
      "method": "PUT"
    }
  ]
}
```

Delete Web Hooks

Update an existing Web Hook configuration. Change the URL or update the Method used.

Parameters

| Parameter | Required | Description |
|-----------|----------|--|
| session | True | Session is the response of user/login. |
| webhookId | True | The Id of an installed Web Hook. |

Example Request

```
$ curl -X POST https://api.zipwhip.com/webhook/delete \
-d session=[sessionKey] \
-d webhookId=687557714
```

Example Response

```
{
  "success": true,
  "response": []
}
```