

# 1 INDHOLDSFORTEGNELSE

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# SMS in a Box API

Implemented using a REST API based on JSON. All calls must use **https**.

## Outgoing

Used for sending outgoing SMS. All calls must be authenticated by the access token provided by the Logon function. This token is valid for 15 minutes.

## URL

<https://api.smsinabox.dk>

## Methods

### LOGON

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*POST /token*

#### Body:

*username=<username>&password=<password>&grant\_type=password*

#### Return body:

```
{
  "access_token": "<token>",
  "token_type": "bearer",
  "expires_in": "<expiration time>",
  "username": "<username>",
  ".issued": "<date>",
  ".expires": "<date>"
}
```

#### Details:

- access\_token: Token to be used when calling other methods. Valid for 15 minutes.

# SEND SMS

---

POST /sms/send

## Header:

*Content-Type: application/json*  
*Authorization: Bearer <access\_token>*

## Body:

```
{  
  "recipient": "<phone number>",  
  "sender": "<name of sender>",  
  "body": "<body>",  
  "commissioned": "<datetime>"  
}
```

## Details:

- access\_token: Token received from Logon method
- Recipient: MSISDN
- Sender: Max. 11 chars., no special characters.
- Body: 1 Maximum 1300 chars. 160 chars. Pr. SMS. Longer texts will be split into separate messages
- Commissioned: Earliest datetime for sending the SMS. Format is "yyyy-mm-dd hh:mm" (example: "2017-12-17 12:00")

## Return Code:

Standard HTTP return codes, like

- HTTP/1.1 200 OK
- HTTP/1.1 401 Unauthorized

# SEND BULK SMS

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POST /sms/sendbulk

## Header:

*Content-Type: application/json*  
*Authorization: Bearer <access\_token>*

**Body:** JSON Array of the following type (2 messages as an example). A maximum number of 1000 is allowed in one call.

```
[
  {
    "recipient": "<phone number>",
    "sender": "<name of sender>",
    "body": "<body>",
    "commissioned": "<datetime>"
  },
  {
    "recipient": "<phone number>",
    "sender": "<name of sender>",
    "body": "<body>",
    "commissioned": "<datetime>"
  }
]
```

## Details:

- access\_token: Token received from Logon method
- Recipient: MSISDN
- Sender: Max. 11 chars., no special characters.
- Body: 1 Maximum 1300 chars. 160 chars. Pr. SMS. Longer texts will be split into separate messages
- Commissioned: Earliest datetime for sending the SMS. Format is "yyyy-mm-dd hh:mm" (example: "2017-12-17 12:00")

## Return Code:

Standard HTTP return codes, like

- HTTP/1.1 200 OK
- HTTP/1.1 401 Unauthorized

# Incoming

Incoming messages will be forwarded to a URL defined by the end user. This endpoint must accept an HTTPS Post message containing the JSON formatted message in the body of the message.

The body of the message contains a predefined shared secret to authenticate the sender ("secret").

## RECEIVE INCOMING SMS

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### Header:

```
Content-Type: application/json
```

### Body:

```
{  
  "from" = "<string>",  
  "body" = "<string>",  
  "keyword" = "<string>",  
  "receivedate" = "<date>",  
  "shortcode" = "<string>",  
  "secret" = "<string>"  
}
```