

Twilio SMS Authenticate a Connector

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You can authenticate with Twilio SMS to create your own instance of the Twilio SMS connector through the UI or through APIs. Once authenticated, you can use the connector instance to access the different functionality offered by the Twilio SMS platform.

Authenticate Through the UI

Use the UI to authenticate with Twilio SMS and create a connector instance. You will need your Account SID and Auth Token that you identified in [Twilio SMS API Provider Setup](#).

After successfully authenticating, we give you several options for next steps. [Make requests using the API docs](#) associated with the instance, [map the instance to a common resource](#), or [use it in a formula template](#).

Authenticate Through API

To provision your Twilio SMS connector, use the /instances API.

Step 1. Call the /instances API

- **HTTP Headers:** Authorization- User , Organization
- **HTTP Verb:** POST
- **Request URL:** /instances
- **Request Body:** Required – see below
- **Query Parameters:** none

Description: token is returned upon successful execution of this API. This token needs to be retained by the application for all subsequent requests involving this connector instance.

A sample request illustrating the /instances API is shown below.

HTTP Headers:

```
Authorization: User , Organization
```

This instance.json file must be included with your instance request. Please fill your information to provision. The “key” into SAP Cloud Platform Open Connectors Twilio SMS is "twilio". This will need to be entered in the “key” field below depending on which connector you wish to instantiate.

```
{
  "element": {
    "key": "twilio"
  },
  "configuration": {
    "messaging.sms.twilio.protocol": "sms",
    "messaging.sms.twilio.account": "",
    "messaging.sms.twilio.sender": "",
    "messaging.sms.twilio.token": "",
    "messaging.sms.twilio.callback.url": "https://www.mycoolapp.com/auth"
  },
  "tags": [
    ""
  ],
  "name": ""
}
```

Here is an example cURL command to create an instance using /instances API.

Example Request:

```
curl -X POST
-H 'Authorization: User , Organization '
-H 'Content-Type: application/json'
-d @instance.json
'https://api.openconnectors.us2.ext.hana.ondemand.com/elements/api-v2/instances'
```

If the user does not specify a required config entry, an error will result notifying her of which entries she is missing.

Below is a successful JSON response:

```
{
  "id": 1234,
  "name": "Test",
  "token": "cuED0/DezalhhzK2OtO6kMP7NvPnMyNcRDZc=",
  "element": {
    "id": 7,
    "name": "Twilio SMS",
    "key": "twilio",
    "description": "Global Text Messaging API. Build apps that send and receive SMS using phone numbers and short codes. Let friends say hello, tell customers their packages are delivered or alert employees that a shift is ready. The API enables users to communicate with your app or chat with one another; your code decides.",
    "image": "elements/provider_twilio.png",
    "active": true,
    "deleted": false,
    "typeOauth": true,
    "trialAccount": true,
    "configDescription": "If you do not have an Twilio account, you can create one at https://www.twilio.com/try-twilio"
  }
}
```

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