

# Click Field Service Edge Authenticate a Connector Instance

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You can authenticate with Click Field Service Edge to create your own instance of the Click Field Service Edge connector through the UI or through APIs. Once authenticated, you can use the connector instance to access the different functionalities offered by the platform.

## Authenticate Through the UI

Use the UI to authenticate with Click Field Service Edge and create an instance. To authenticate an connector instance, complete the steps described in [Authenticate a Connector Instance \(UI\)](#) . In addition to the base authentication parameters, you must also include the Host Name.

## Authenticate Through API

Send a request to our `/instances` endpoint to authenticate an instance.

To authenticate:

1. Construct a JSON body as shown below (see [Parameters](#)):

```
{
  "element": {
    "key": "fieldserviceedge"
  },
  "configuration": {
    "filter.response.nulls": "true",
    "event.vendor.type": "webhooks",
    "username": "",
    "password": "",
    "hostname": ""
  },
  "name": ""
}
```

2. Call the following, including the JSON body you constructed in the previous step:

```
POST /instances
```

**Note:** Make sure that you include the User and Organization keys in the header. For more information, see [Authorization Headers, Organization Secret, and User Secret](#).

3. Locate the `token` and `id` in the response and save them for all future requests using the connector instance.

## Example cURL

```
curl -X POST
-H "Authorization: User , Organization "
-H "Content-Type: application/json"
-d
'{
  "name": "",
  "configuration": {
    "filter.response.nulls": "true",
    "username": "",
    "password": "*****",
    "hostname": ""
  }
}
```

## Parameters

Parameter	Description	Data Type
<code>key</code>	The connector key. fieldserviceedge	string
Name <code>name</code>	The name of the connector instance created during authentication.	string
User Name <code>username</code>	The Click Field Service Edge user name for your account.	string
Host Name <code>host.name</code>	The Click Field Service Edge host name for your account.	string
tags	<i>Optional.</i> User-defined tags to further identify the instance.	string

## Example Response for an Authenticated connector Instance

In this example, the instance ID is `12345`. The actual values returned to you will be unique: make sure you save them for future requests to this new instance.

```
{
  "id": 123456,
  "name": "",
  "createdDate": "2019-09-20T08:46:09Z",
  "token": "xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx",
  "elementId": 1234,
  "tags": [
    ""
  ],
  "provisionInteractions": [],
  "valid": true,
  "disabled": false,
  "maxCacheSize": 0,
  "cacheTimeToLive": 0,
  "configuration": {
    "base.url": "",
    "allow.select.fields": "true",
    "event.notification.subscription.id": null,
    "default.select.fields.map": null,
    "event.notification.basic.username": "",
    "pagination.max": "100",
    "event.notification.basic.password": "*****",
    "event.vendor.type": "webhooks",
    "filter.response.nulls": "true",
    "password": "*****",
    "hostname": "",
    "event.notification.instance.finder": null,
    "pagination.type": "offset",
    "event.notification.callback.url": "false",
    "event.notification.signature.key": null,
    "username": "",
    "event.notification.enabled": "false"
  }...,
  "authenticationType": "basic",
  "eventsEnabled": false,
  "eventsNotificationCallbackUrl": "false",
  "cachingEnabled": false,
  "traceLoggingEnabled": false,
  "organizationId": xxxx,
  "accountId": xxxxxx,
  "externalAuthentication": "none",
  "userId": xxxxxxx,
  "element": {...},
  "user": {
    "id": xxxxxxx
  }
}
```