woffu

Woffu's API authentication guide

Getting started with the Woffu's API

First of all: You need a Woffu Account

In case you don't already have one, you will first need a Woffu Account to get started.

Your user account will also need **Admin permissions** in order to get API Key credentials for the next step.

Connection and Data Transfer Security

All the connections made from the client to Woffu (Website, API, App) are enforced to use **HTTPS** protocol and has been updated to use the **TLS 1.2 protocol at minimum.** Unsecured requests are turned away before they even reach our application code.
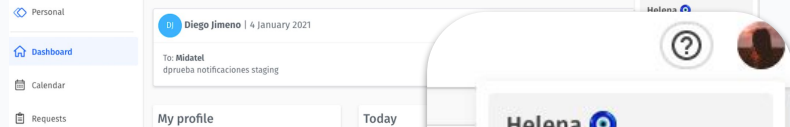
API authentication guide

1. How to generate an API KEY

In order to use the API an API key must be generated.

Only an administrator user can generate an Api key for himself. This Api Key will authenticate the user for what it was generated.

Follow next steps to generate an Api key:
- Sign in as administrator user
- Go to "My Profile"
- Scroll down to **Technical data** section and click "Generate new" button beside API Key field

It's a **good practice to create an specific API user,** sign in as that user and generate the API key for him.
In this way, the risk of unintentionally changing API key can be minimized.

2. OAuth 2.0 Client Credentials Flow

This is the recommended authentication method.

How it works

1. Your app authenticates with the Woffu Authorization Server using its Client ID and Client Secret:
   - Endpoint: https://app.woffu.com/token
   - Client ID: Client company id in Woffu
   (if in doubt contact integrations@woffu.com and ask them for it)
   - Client Secret: Api Key

2. Woffu Authorization Server validates the Client ID and Client Secret.

3. Woffu Authorization Server responds with an Access Token.

4. Client application can use the Access Token to call Woffu public API on behalf of the user who owns the Api Key.

Token Request

Token request has to be a POST made using `'application/x-www-form-urlencoded'` content type including the next encoded parameters in the body:

- `grant_type`: set with 'client_credentials'
- `client_id`: set with your Woffu's CompanyId
- `client_secret`: set with your Api Key

Be aware that **token's duration is set to 90 days,** after that you will need to regenerate it, following the same process.

Token Response

```
{
    "access_token": "xxxxx.yyyyy.zzzzz",
    "token_type": "bearer",
    "expires_in": 7775999,
    "userName": "test@client.com",
    ".issued": "Wed, 08 Jul 2020 19:17:33 GMT",
    ".expires": "Tue, 07 Sep 2020 19:17:33 GMT"
}
```

API Request

Include the access_token as bearer token in the authorization header of any request done to our public API.

```
curl --location --request GET
'https://app.woffu.com/api/v1/users/{userId}
' \ --header 'Authorization: Bearer
xxxxx.yyyyy.zzzzz'
```

3. Test the endpoints in Swagger

You can find all the API documentation in our swagger:
https://app.woffu.com/swagger

Basic Authentication it is not recommended to use it as this authentication method is being deprecated and won't work in the future.

Despite this, basic authentication can be used at this moment to test most endpoints of Woffu's main API directly at swagger's page.

Methods are listed and organized based on Woffu's entities:

Clicking in one of them, will show:

| PUT | /api/v1/offices/{id} | Updates an office (Auth) |

Implementation Notes
Updates an office : Needs the TimeZoneId, 105 for Spain and OfficeId is required on the Office Object

Response Class (Status 200)
Ok

Model | **Example Value**

```
{
  "OfficeId": 0,
  "OfficeKey": "string",
  "Name": "string",
  "CompanyId": 0,
  "TimeZoneId": 0,
  "ScheduleId": 0,
  "IP": "string",
  "SignFromIP": true,
  "Latitude": 0,
}
```

Response Content Type [application/json ▾]

Parameters

Parameter	Value	Description	Parameter Type	Data Type
id	(required)	Office Id	path	integer
item	```{ "OfficeId": 0, "OfficeKey": "string", "Name": "string", "CompanyId": 0, "TimeZoneId": 0, "ScheduleId": 0, "IP": "string", "SignFromIP": true, "Latitude": 0, "Longitude": 0, "Radius": 0, "SignFromLocation": true, "Color": "string" }``` Parameter content type: [application/json ▾]	Office Object	body	Model | Example Value **Woffu3.AppService.Commands.OfficeUpdateRequest** { OfficeId (integer, optional), OfficeKey (string, optional), Name (string), CompanyId (integer), TimeZoneId (integer), ScheduleId (integer, optional), IP (string, optional), SignFromIP (boolean, optional), Latitude (number, optional), Longitude (number, optional), Radius (number, optional), SignFromLocation (boolean, optional), Color (string, optional) }

Request payload parameters

Parameters				
Parameter	Value	Description	Parameter Type	Data Type
companyId		Company Id	query	integer
showHidden		Show Hidden Details	query	boolean
fromDate		From Date	query	date-time
toDate		To Date	query	date-time
pageIndex		Page Index	query	integer
pageSize		Page Size	query	integer

Request parameters that can be type of:
- path
- query
- body

Response sample data

Response Class (Status 200)
Ok

Model | **Example Value**

```
{
  "OfficeId": 0,
  "OfficeKey": "string",
  "Name": "string",
  "CompanyId": 0,
  "TimeZoneId": 0,
  "ScheduleId": 0,
  "IP": "string",
  "SignFromIP": true,
  "Latitude": 0,
  "Longitude": 0,
  "Radius": 0,
  "SignFromLocation": true,
  "DevicesKeys": "string",
  "Color": "string"
}
```

Thank you for entrusting time management to Woffu!

More questions?
You can visit our **help center** where you will find the most frequent doubts solved.

In case you have more technical doubts about API's usage please contact **integrations@woffu.com**.
If you need to contact an expert about Woffu's features please write to **help@woffu.com**.