Robin

API Manual

Token Based Authentication

Any application can authenticate and use any functionality in the application as remote API. For instance, you can create a mobile application consumes the same API. In this section, we'll demonstrate the usage of the remote API using Postman (a Google Chrome extension).

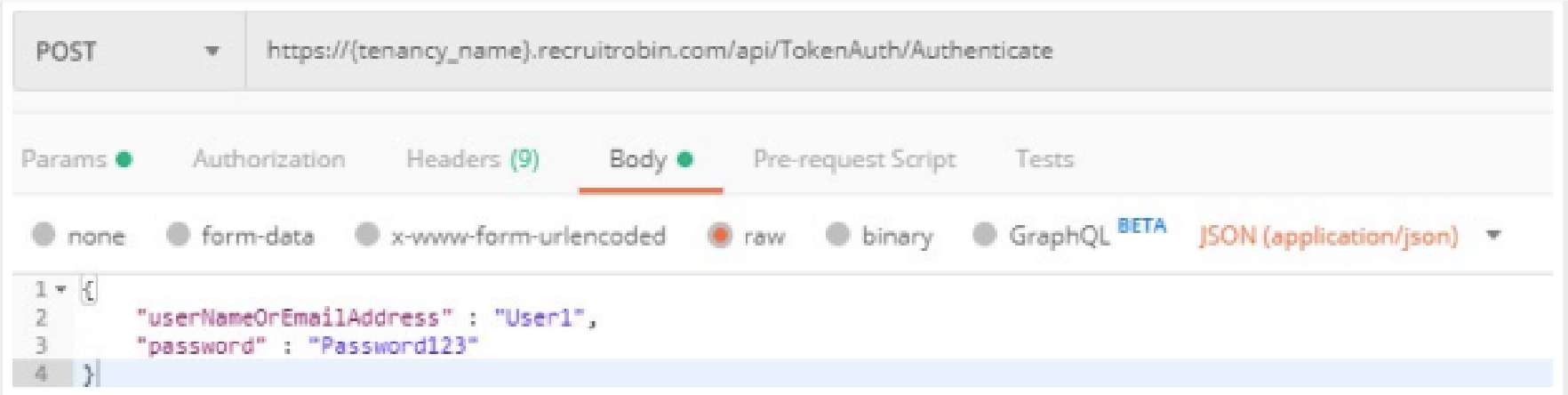**DOWNLOAD POSTMAN** >

1. AUTHENTICATION

We suggest you to disable two factor authentication for the user which will be used for remote authentication. Otherwise, two factor authentication flow should be implemented by the client.

2. USERNAME AND PASSWORD

Then we can send username and password as a POST request to:

http://{tenancy_name}.recruitrobin.com/api/TokenAuth/Authenticate

The post parameters should be posted in the following way:

POST ▼	https://{tenancy_name}.recruitrobin.com/api/TokenAuth/Authenticate

Params ●   Authorization   Headers (9)   **Body** ●   Pre-request Script   Tests

◯ none   ◯ form-data   ◯ x-www-form-urlencoded   ● raw   ◯ binary   ◯ GraphQL BETA   JSON (application/json) ▼

```
1  {
2      "userNameOrEmailAddress" : "User1",
3      "password" : "Password123"
4  }
```

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Body Cookies Headers (6) Test Results

Status: 200 OK   Time: 344ms   Size: 1.68 KB   Save Response ▾

Pretty   Raw   Preview   JSON ▾

```
1  {
2      "result": {
3          "accessToken":
              "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiIyIiwibmFtZSI6ImFkbWluIiwiQXNwTmV0Lk1kZW50aXR5L1N1Y3VyaXR5U3RhbXAiOiI3MTRjZDcyMS02MjI0LWI2MzUtYjY0NS0zO
              WUwNGRkNzhkMTciLCJyb2xlIjoiQWRtaW4iLCJodHRwOi8vd3d3LmFzcG51dGJvaWx1cnBsYXR1LmNvbS9pZGVudGl0eS9jbGFpbXMvdGVuYW50SWQiOiIxIiwianRpIjoiMjk0NGJiOTItNDU2YS00
              ZGI0LWE4NGYtNjJiMjM5N2IyNDI1IiwiaWF0IjoxNTY3NjgzNTQ5LCJuYmYiOjE1Njc2ODM1NDksImV4cCI6MTU2Nzc2OTk0OSwiaXNzIjoiUm9iaW4iLCJhdWQiOiJSb2JpbiJ9.
              cLG857S88NiYSjkXhwVE5VH74vwsme8iyZW7PbKUN7s",
4          "encryptedAccessToken": "wNYmO41/48SHNstaLVXxHCCre29BZQ11NhC6NM3R3rwZiL572M4gBaHf6sHsTGZfcntBdt0YdGxxOmZDW4iy5jqe38W4yYK8C/
              ZyrckjUp2HPGDmagvdis58EyNMpU3nSRtiAxQDeAI9GbjKTvJK8f7ZkNcVedzsc0Q5gJ7yj7NLR9Rc/nFp8uUFJi0m4z+78sNKPde0n6TFTTRmKoPevsk2wvJ014AkPn4ojpU2TbZjXpSbUWkNAx/
              1HpUVvBCKjRkzxcQ43V3nRs7BTWbum+3GKkdQV0djvF8BHyLjxARv5t+VIYBLaW2YpPJQHeJrjoZB8moJftPqxie2aBy7wrcVDxVuYAWV0/JX33kG1SJIsq3JZ1qwNf9SK2VNG0nnysVouPO2t7
              +hTnvdPEXDW9n3RNMIC2VFM6+w+4TZtDEpaOfi9vp81yweeCcPhr5dQyZiMHwEEHW4N5GfEULAKiZbOOa+FOKqIedYpVh+phOY3GQkPQgM/
              vBfaydhD3FdKWUysvUf9B6yeKrstuseVsDgLxTFP3Zxa8Ghz956VNx1F74apegNJz3tPvDNmd31MrmFch0ACMvkbUuJmXMVtLMlRyeYoiqJ5nXHUYz8G0qjsdDFReGTMOuEtXRtCUv2R2xh
              +aqoTj1MtFnwbQ7qsw==",
5          "expireInSeconds": 86400,
6          "shouldResetPassword": false,
7          "passwordResetCode": null,
8          "userId": 2,
9          "requiresTwoFactorVerification": false,
10         "twoFactorAuthProviders": null,
11         "twoFactorRememberClientToken": null,
12         "returnUrl": null
13     },
14     "targetUrl": null,
15     "success": true,
16     "error": null,
17     "unAuthorizedRequest": false,
18     "__abp": true
19 }
```

In the returning response, accessToken will be used to authorize for the API.

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4. **USING API**

After authenticate and get the access token, we can use it to call any authorized actions.

In order to find the authorized actions; navigate to: **https://{tenancy_name}.recruitrobin.com/swagger**.

For each call, use the following headers:

Bearer {accessToken}

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DATA MODEL

The setup is as follows. Assignment have assignment candidates. Assignment candidates are candidates which are relevant for the assignment.

By default the GetAll assignment candidates call will only return basic information, such as name and function. GetDetails will return the full candidate information, including workexperience, education, skills & languages.

ASSIGNMENT

PK	**Id**
	CampaignName FunctionName ...

ASSIGNMENTCANDIDATE

PK	**Id**
FK	**AssignmentId**
	Name Function ...

ASSIGNMENTCANDIDATE DETAILS

PK	**Id**
FK	**AssignmentCandidateId**
	Name Function Industry ...