Israel Tax Authority Login Instructions

-

Version 1.0 / 5.2023

Table of Contents

Glossary

DEVELOPERS' PORTAL
A website that contains the ITA's services catalogue, user applications, analytics, and support.

ORGANIZATION
The company for which the user signs up for the portal. Each organization can have different user types: admins, viewers, and developers. Each user must sign up for the ITA's website.

PRODUCT
A product of the ITA, grouping together similar services.

TAXES API PRODUCTS
The list of products offered by the ITA. Each product has one or more API available for access.

MY APPS
The applications that are configured for the user's organization.

OAUTH2
The ITA's user identification protocol.

CLIENTID
When an application is configured for an organization, the developers' portal issues a client ID. This ID is required for the identification protocol.

CLIENT SECRET
When an application is configured for an organization, the developers' portal issues a password. this password is required for the identification protocol.

REDIRECT URI
The address that users are redirected to after they log into the ITA website. Each application requires its own address.

JWT TOKEN
A token used for accessing a service. The token is issued when a user logs into the ITA website. The token is sent along with every communication to the ITA.

REFRESH TOKEN
Some services allow refresh tokens. Refresh tokens are issued when a user logs into the system and returned along with the token. Refresh tokens can be used when a token has expired.
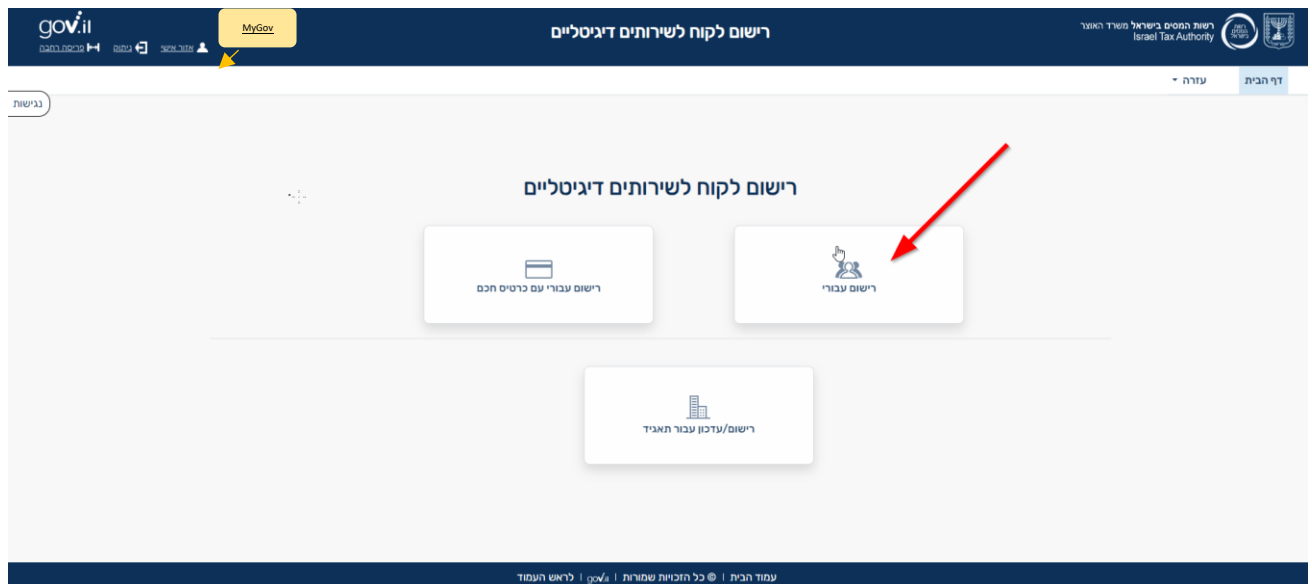
Signing up for the ITA website

DO NOT try to log into the developers' portal using a smart card.
Each user in the portal must sign up at:
https://secapp.taxes.gov.il/srRishum/main/openPage

If this is your first time accessing the ITA website, you'll first need to sign up as a new user (not using a smart card).

Using the ITA services in the production environment is subject to authorization from the ITA.
Authorized users can sign up their organization in the developers' portal. As part of the sign-up process, you'll need to submit signed registration documents, available in the portal.
After sign-up, the organization's request is reviewed, and a notice of confirmation/denial is sent by email to the user who made the request.

How to sign up

1. Only users who signed up to sandbox portal will get approved to production
    - Log into the developers' sandbox environment portal (without the signed registration documents):
        https://openapi-portal.taxes.gov.il/sandbox
    - Log into the developers' production environment portal (with the signed registration documents):
        https://openapi-portal.taxes.gov.il/shaam/production

2. Log into the ITA website
    Only users who signed up using their ID number can access the developers' portal.
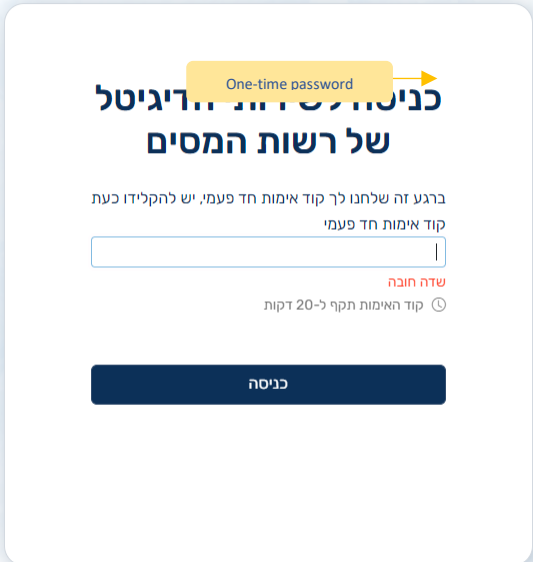
3. Enter your permanent user name and password.
    If this is your first time accessing the website, you'll need to sign up by clicking "New client sign-up", or at:
    https://secapp.taxes.gov.il/srRishum/main/openPage

Wait for your one-time authorization code and log into the system.

Now we know it's you ☺

Signing up an organization is a two-step process:
1. Configuring the organization in the developers' portal
2. Submitting a signed registration request to the ITA

You may continue the process only after you receive an email from the ITA confirming your registration.

Important:
- *Your company can be assigned several organizations (to allow access by multiple admins).*
- *Each organization requires its own registration request and designated admin.*
- *The user who created the organization is defined as its admin and should match the person listed in the registration request.*

The registration documents are available online at:
HTTPS://WWW.GOV.IL/HE/SERVICE/CONNECT-TO-SHAAM

Configuring the organization in the developers' portal

To create an organization in the developers' portal, click "Create new organization".

Enter your company's name under "CONSUMER ORGANIZATION".

Once you receive a confirmation email from the ITA, you'll see your organization next to your user name on the top right-hand corner.

Enter your organization's page to invite users in different roles (viewers, developers).

Adding users to an ORGANIZATION:
To grant multiple developers access to your organization and to any apps that may be associated with it, you'll need to invite each developer on your organization's page.

Attention:
 Each organization is approved by the ITA once.
The admin who created the organization and was listed in the registration documents can allow other developers to work on the organization, by sending them an invite through the developers' portal.

Inviting developers

To invite developers, follow these steps:
Click your user name to open the menu. Click "MY ORGANIZATION".
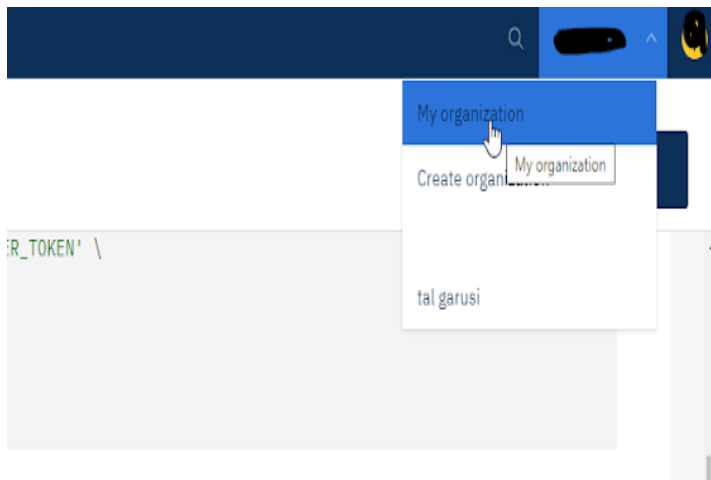
In the organization page, click "INVITE".

Enter the email address of the user you'd like to invite.
Assign a role for the user.

Invite a user to join your consumer organization

Email *

Assign Roles

◉ Developer

○ Viewer

Select which role the new user will have in your organization.

What code is in the image? *

Enter the characters shown in the image.

Get new captcha!

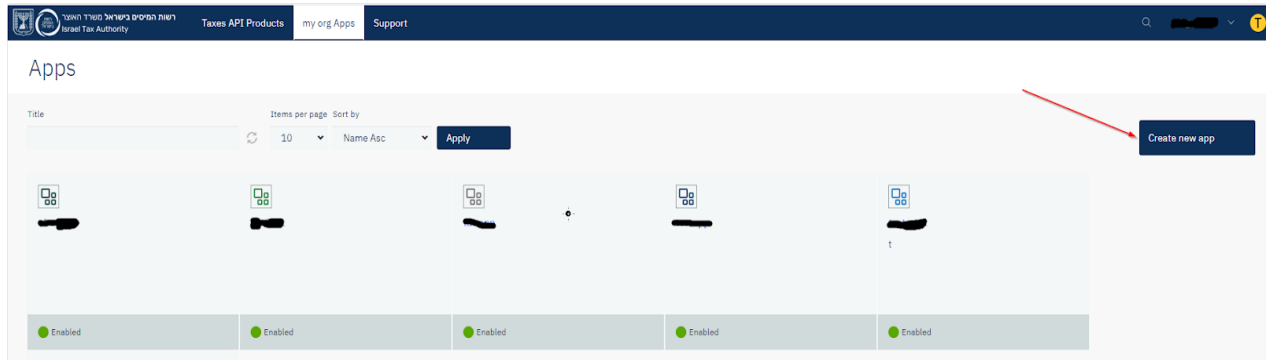Cancel   Save

Adding applications to your organization

Now you can add applications to your ORGANIZATION.
On the top menu, click "My org Apps".
 Click "CREATE NEW APP".

Enter the name of the application, a description, and the *redirect Oauth* address that will be used to identify end users.
Users will be directed to this address after logging into the ITA website.

After clicking "Save", you'll see a summary of your application's parameters:
client id (key)
client secret

The client secret cannot be retrieved, only reset.
Be sure to keep it in a separate secure file.

These credentials are used to issue tokens. Copy them and store them safely according to
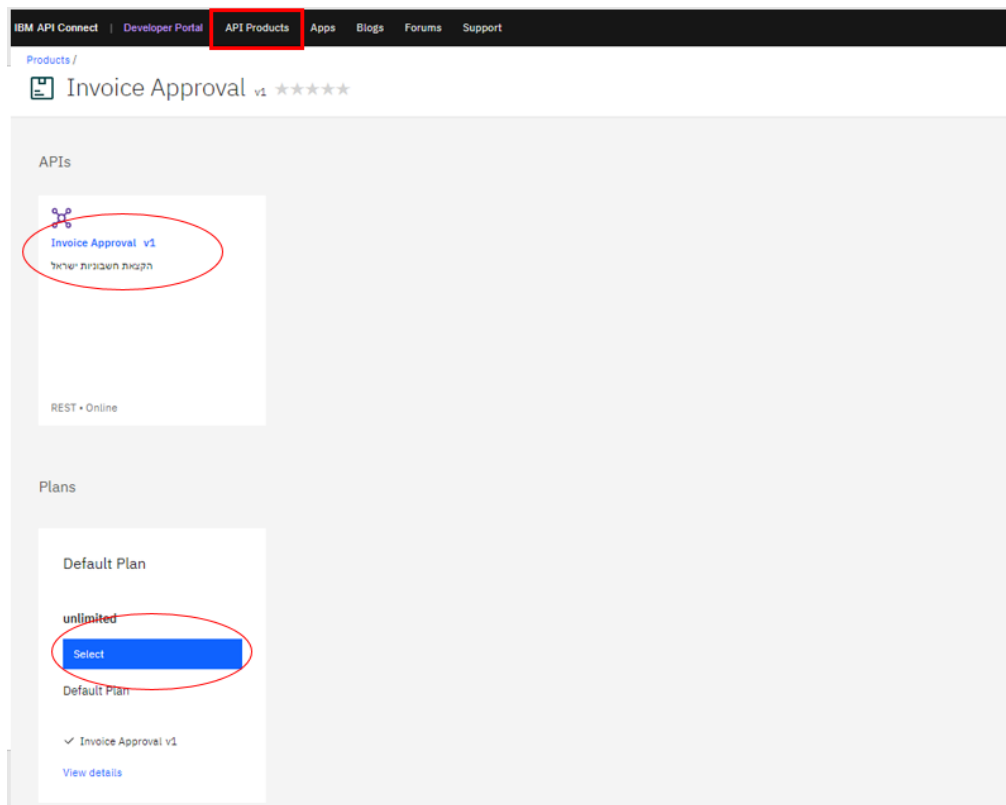your organization's data protection guidelines.
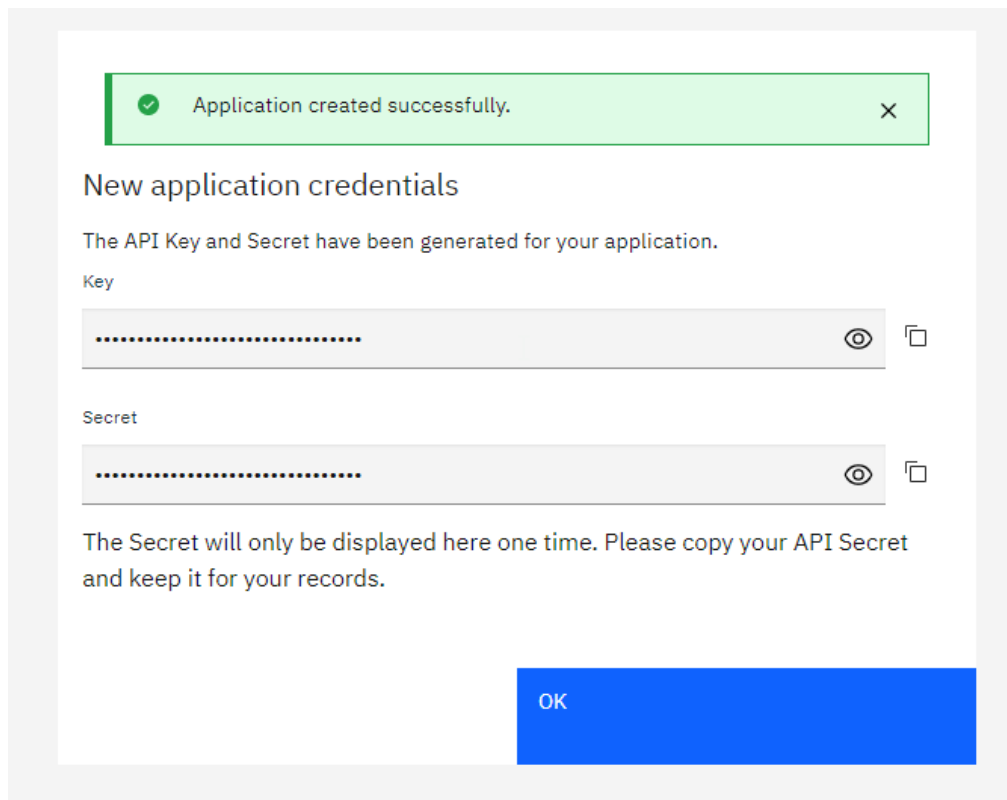
Subscribing applications to services

On the top menu, click "**Taxes API Products**". You'll see a list of all available products.
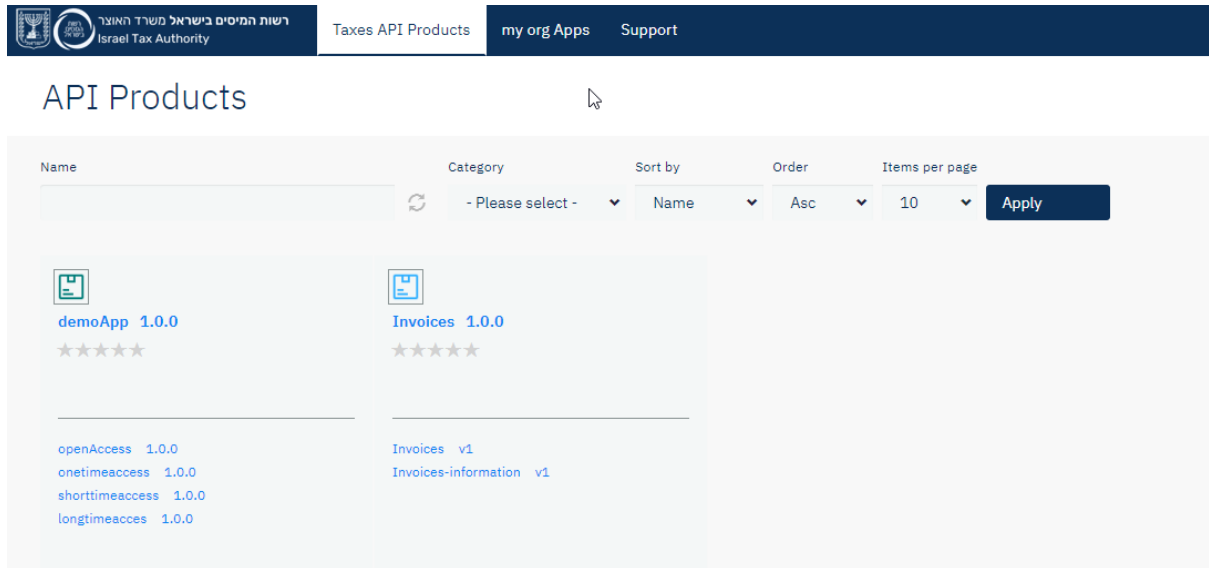
Choose the product to which you'd like to subscribe.

Choose the applications you'd like to subscribe to the service (from the applications you added to your organization).

Confirm your choice.
Check that the service has been added to your application.

Types of services

The services published in the developers' portal have different access requirements:
- Open-access services (no identification required)
- Authentication services (one-time/long-time token)

Services that require identification are accessed using tokens.
The documentation for each service in the developers' portal states which token is required in order to access it (one-time/long-time)
and on which address.

Authenticating and issuing a token in an application

To access authentication services, you'll need a token.
Tokens are issued in the application and require users to enter their credentials.

Token issuance follows Oauth2 protocols and is a two-step process:
1. Issuing an authorization code
   https://openapi.taxes.gov.il/shaam/Tsandbox/longtimetoken/oauth2/authorize?response_type=code&client_id=1111&scope=scope

2. Issuing a token

```
method: "POST",
headers: tokenheader,
mode: "cors",
cache: "default",
body: "grant_type=authorization_code&code=" + authorizationcode + "&redirect_uri=" + redirectUri +
"&scope=" + scope
```

Add the following headers:

```
tokenheader.set("authorization", "Basic " + btoa(clientId + ":" + clientSecret));
tokenheader.set("content-type", "application/x-www-form-urlencoded");
```

Below are instructions for interfacing with long-time access services after you've subscribed the application to the service.
- **client application**
A login demo app is available here:
https://github.com/isrtaxesopenapi/nodejsexample

- **postman**
Both steps take place simultaneously.
A sample request file is available here:
https://github.com/isrtaxesopenapi/-postmanexample

Enter the relevant information for both steps.

Click "Get New Access Token" to go to the ITA's "MyGov" page. Enter your user name and password.

If login is successful, you'll receive the access token and refresh token.

For your convenience, the portal includes four example APIs for issuing various types of tokens:

- Open-access services (no identification required)
- One-time access services (one-time token)
- Long-time access services (long-time token)

Demo users

For your convenience and for testing purposes only:

1. User name: 199999996

    Password: HH1773

    One-time authorization code: qq1234

2. User name: 199999988

    Password: PK2175

    One-time authorization code: qq1234

Useful links

Developers' portal sandbox:
https://openapi-portal.taxes.gov.il/sandbox
Developers' portal production:
HTTPS://OPENAPI-PORTAL.TAXES.GOV.IL/SHAAM/PRODUCTION

ITA new client sign-up:
https://secapp.taxes.gov.il/srRishum/main/openPage

Tech support email for identification and token issuance issues:
OPENAPI@TAXES.GOV.IL

A login demo app is available here:
https://github.com/isrtaxesopenapi/nodejsexample

A sample request file is available here:
https://github.com/isrtaxesopenapi/-postmanexample