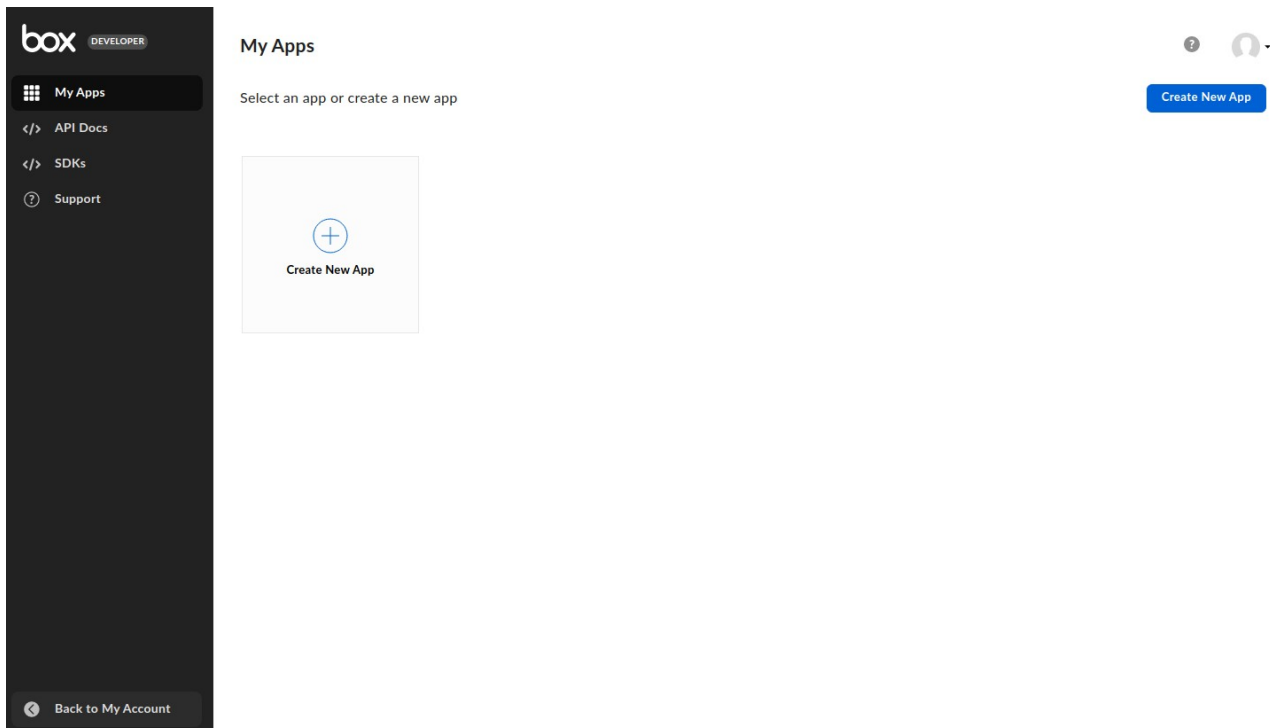
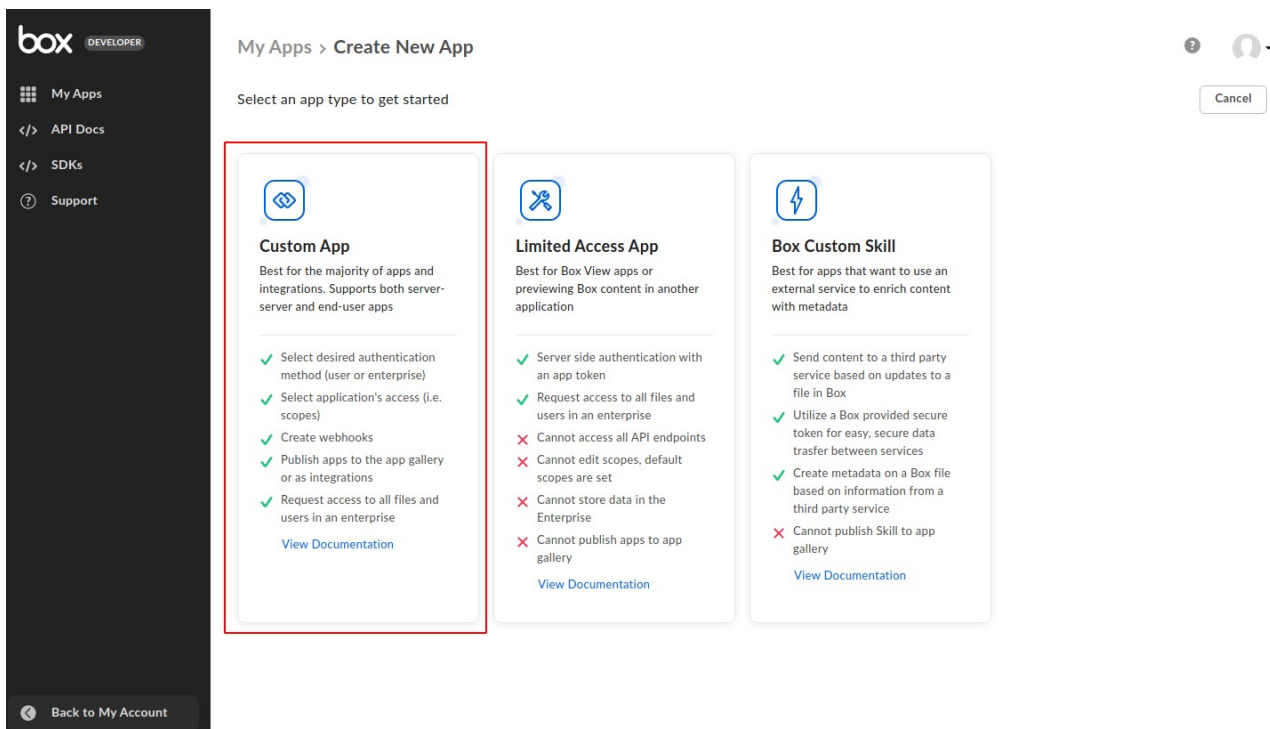


This is a short guide aimed at showing how to configure Box to enable the SimSage Box crawler.

Sign-in to your Box account and visit <https://app.box.com/developers/console>



Click “Create New App” in the top right-hand corner



Select “Custom App”

Custom App

Select an authentication method and enter a name for your app. You can change the name later in General Settings.

Authentication Method

☐ Server Authentication (with JWT)

- Best for building integrations or apps with external collaborators - [Learn More](#)
- The app authenticates using a JSON Web Token. Requires a public/private key-pair for added security.

☐ User Authentication (OAuth 2.0)

- Best for building mobile or web apps - [Learn More](#)
- Users must authenticate with their Box login.

☒ Server Authentication (Client Credentials Grant)

- Best for scripting and back office integrations - [Learn More](#)
- The app authenticates using Client ID and Client Secret.

App Name

By clicking 'Create App', you agree to the terms of the [Box Developer Agreement](#) and the [Box Privacy Policy](#).

Cancel

Create App

Select “Server Authentication (Client Credentials Grant)”
Give the App a name, the example name given here is “SimSage b2b”.
Click “Create app”

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Request app authorization, manage collaborators

App Info

Update general information about your app.

App Name

SimSage b2b

Contact Email

rock@simsage.nz

Date Created

February 24, 2022 at 8:29:27 AM PST

User ID

123456

Enterprise ID

1341231

Collaborators

Collaborated developers (max 15) will have the ability to access, edit, and delete the app.

rock@simsage.nz

Admin

Add New Collaborator

Back to My Account

Save Changes

Copy the “Enterprise ID” shown on the screen, this number is required by the SimSage Box crawler (the example show “1341231” as the Enterprise ID”).

Click the “Configuration” tab

The screenshot shows the Box Developer Configuration page for an application named "SimSage b2b". The left sidebar contains navigation links: "My Apps", "API Docs", "SDKs", and "Support". The top navigation bar includes "General Settings", "Configuration" (selected), "Webhooks", "Authorization", and "App Diagnostics". The main content area is titled "Manage authentication methods and app permissions" and includes a "Save Changes" button. The "Authentication Method" section is active, showing "OAuth 2.0 with Client Credentials Grant (Server Authentication)" as the selected method. Below this, the "Developer Token" section displays a token "18 JPK29" with a "COPY" button and a "Revoke" button. The "OAuth 2.0 Credentials" section shows a "Client ID" of "jh h4b1" with a "COPY" button. A "Back to My Account" button is at the bottom left.

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Manage authentication methods and app permissions [Save Changes](#)

Authentication Method
Choose how your app will authenticate to the Box APIs. [Learn more.](#)

OAuth 2.0 with Client Credentials Grant (Server Authentication)

- Best for scripting, prototyping, and back office integrations.
- The app authenticates directly to Box using a Client ID and Client Secret.
- Request authorization for Enterprise Access.
- The app has its own user generated upon authorization (Service Account user).

[View Documentation](#)

Developer Token
Test your access or write scripts as your user with a Developer Token. A developer token allows you to use the Box API to access your personal Box account only. This token is valid for 60 minutes. To access the entire Enterprise, request for Enterprise access and submit your app for authorization.

Developer Token
18 JPK29 [COPY](#)

[Revoke](#)

Created: February 24, 2022 at 8:29:28 AM PST
Expires: February 24, 2022 at 9:37:57 AM PST

OAuth 2.0 Credentials
Credentials for using OAuth 2.0 as your Authentication type.

Client ID
jh h4b1 [COPY](#)

[Back to My Account](#)

Copy the Client ID visible in the Oauth 2.0 Credentials section. this ID is required by the SimSage Box crawler. Scroll down the page until you see the App Access Level and switch to “App + Enterprise Access”.

The screenshot shows the Box Developer Configuration page for "SimSage b2b", specifically the "App Access Level" section. The left sidebar and top navigation are the same as in the previous screenshot. The "App Access Level" section explains that the access level determines which users and content the app can access. Two options are presented: "App Access Only" and "App + Enterprise Access". The "App + Enterprise Access" option is highlighted with a red box. It lists permissions: "All users", "Manage Enterprise settings, content, and users", and "Limited access to External Unmanaged Users". Below this, the "Application Scopes" section is partially visible, showing "Content Actions" with checkboxes for "Read all files and folders stored in Box" and "Write all files and folders stored in Box". A "Back to My Account" button is at the bottom left.

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Manage authentication methods and app permissions [Save Changes](#)

App Access Level
The app access level determines which users and content your app may access. All Server-Server apps authenticate using an access token for the Service Account (Automation User) by default. [Read more about the Service Account.](#)

App Access Only

- ✓ Service Account and App Users only. [Learn more.](#)
- ✓ Access to content created by your app.
- ✗ Cannot manage Enterprise settings, content, or users.

App + Enterprise Access

- ✓ All users
- ✓ Manage Enterprise settings, content, and users.
- ✗ Limited access to External Unmanaged Users.

Application Scopes
The app scopes determine which endpoints and resources your app can successfully call. [Learn more about all of our scopes.](#)

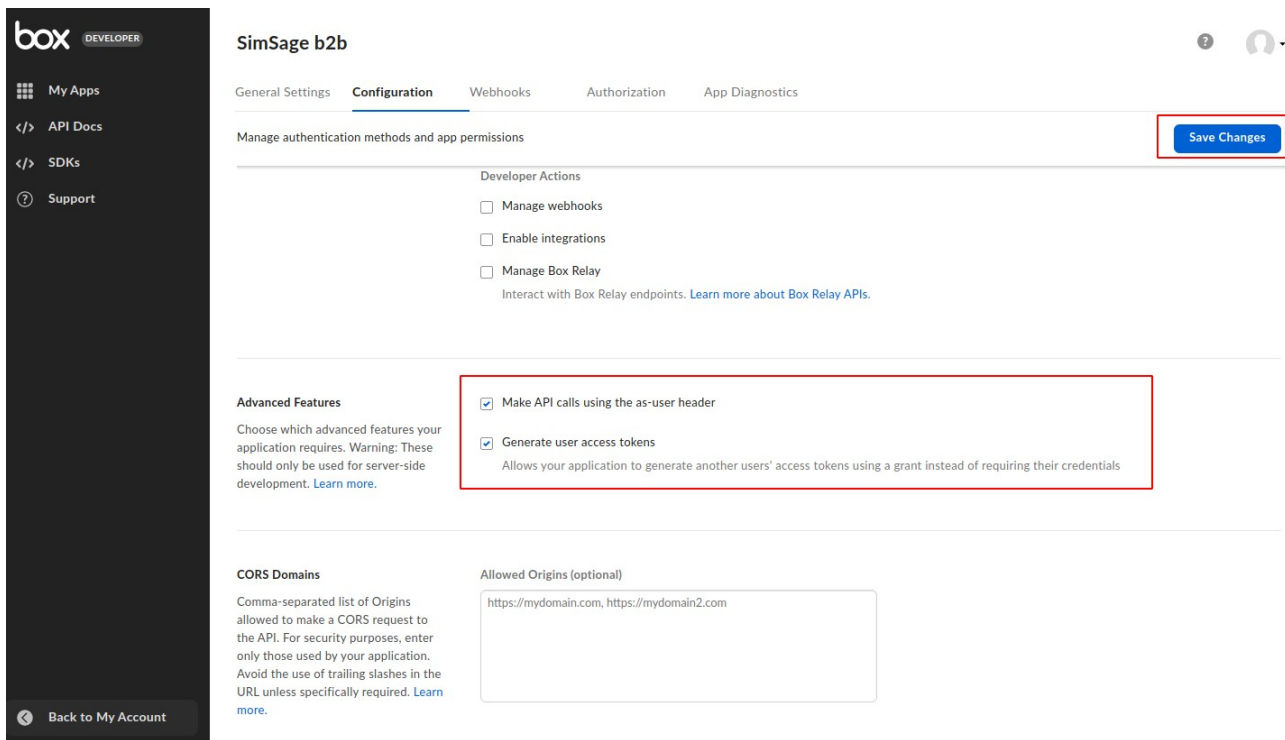
Content Actions

- ☒ Read all files and folders stored in Box
Access to content is further restricted by the users' permission and Access Token used.
- ☒ Write all files and folders stored in Box
Necessary to download files and folders. Access to content is further restricted by the users' permission and Access Token used. Read access is required when Write access is selected.
- ☐ Manage signature requests
Interact with Box Sign endpoints. [Learn more about Box Sign APIs.](#)

Administrative Actions

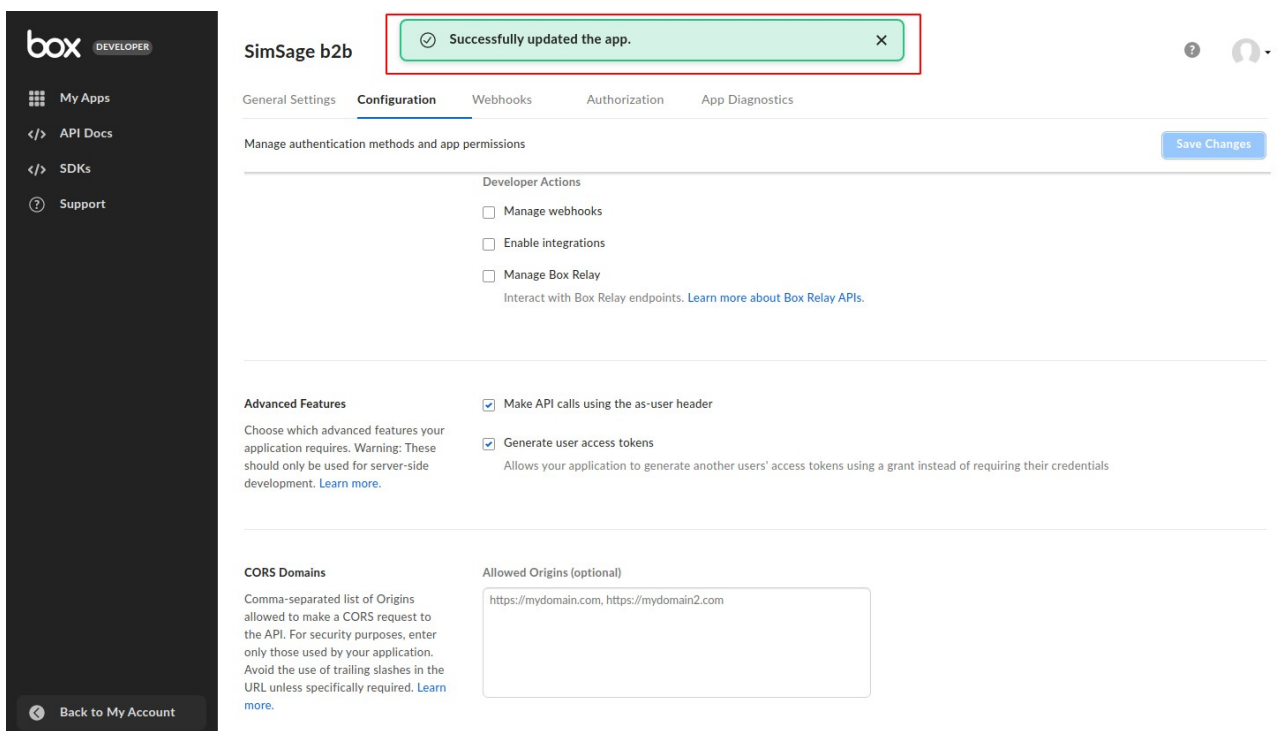
- ☒ Manage users

[Back to My Account](#)



Scroll down to the bottom of the page and find the “Advanced Features”. Check the “Make API calls using the as-user header” and “Generate user access tokens” boxes.

Click “Save Changes”, you should see “Successfully update the app.” as shown below.



You now need to “enable” this application. The Box administrator must approve these changes. If you are the Box administrator, you will receive an email requesting approval. Once approved, the “Authorization” tab of the this section will show the screen shown below.

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Submit and manage your app's admin authorization

Submit app for authorization for access to the Enterprise

Submit your app for approval based on the access requested. Your admin will receive an email of the request. You will receive an email once the request is approved or denied.

[Learn more about app authorization](#)

Last Activity	Enablement Status	Authorization Status
February 23, 2022	Enabled	Authorized

Review and Submit

You must re-submit your app if any changes are made after submission

Once the application is “Enabled” you can start crawling Box using SimSage.