

Private Integrations: Everything you need to know

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(<https://help.leadconnectorhq.com/support/solutions/articles/155000002774-private-integrations-everything-you-need-to-know#How-do-I-create-a-new-Private-Integration?>)Table of contents

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What are Private Integrations?

Private Integrations allows you to build powerful custom integrations between your account and any other third party app.

If you are looking to integrate your account with a third party app, you have two options:

1. Find and install relevant app from the App Marketplace
 2. Build your own private integration by yourself or with the help of a developer using APIs.
- Private Integrations helps you achieve #2 securely.

The key advantages of using Private Integrations are:

- **Simple:** Generate Private Integration tokens from your account settings and manage them with ease.
- **Secure:** You get to restrict the scopes/permissions that a developer can access on your account

What's the difference between Private Integrations and API Keys?

Private Integrations, to put it simply, is more powerful yet secure alternative to API Keys.

Private Integrations	API Keys
More Secure: You get to restrict the scopes/permissions that a developer can access on your account	Less Secure: A developer gets unrestricted access to all your account data

State-of-art: Private Integrations allows you to access API v2.0 which is state of the art.	Out-dated: API Keys work on API v1.0 which has reached end-of-life and is no longer maintained.
More Features: API v2.0 has more powerful APIs and supports webhooks(ability for third party apps to get notified when specific events occur on your account).	Less Features: API v1.0 has limited APIs and does not support webhooks.

What's the difference between Private Integrations and OAuth2 Access Tokens?

Private Integrations, to put it simply, is static/fixed OAuth2 Access Tokens.

Private Integrations	OAuth2 Access Tokens
Generated from the UI: Private Integration token can be generated easily from the UI.	Programmatic Generation: API Tokens are generated by exchanging OAuth access code for the tokens using <u>Get Access Token API</u> (https://highlevel.stoplight.io/docs/integrations/00d0c0ecaa369-get-access-token).
Static/Fixed: Private Integration Tokens are static/fixed and do not automatically refresh unless you rotate them from the UI.	Refreshed Daily: Access Tokens expire daily and need to be refreshed.

How do I use Private Integrations?

Private Integration tokens are used in the Authorisation header, just like other Access Tokens.

For example, you can use (<https://highlevel.stoplight.io/docs/integrations/d777490312af4-get-sub-account-formerly-location>) GET Contact with the Private Integration Token in the Authorisation header.

```
curl --request GET \
--url https://services.leadconnectorhq.com/contacts/ocQHyuzHvysMo5N5vsxc \
--header 'Accept: application/json' \
--header 'Authorization: <YOUR PRIVATE INTEGRATION TOKEN>' \
--header 'version: 2021-07-28'
```

Generic

How do I use Private Integrations?

Who can create Private Integrations?

By default, all account admins can create and manage Private Integrations.

However, you can restrict this permission at a user level. To do this, Navigate to Settings > My Staff > Edit the specific account admin > Roles & Permissions, and enable/disable Private Integrations for the admin.

The screenshot shows the 'Edit or manage your team' page. On the left, there's a sidebar with 'My Staff' selected. The main area has a 'User Info' section and a 'Roles & Permissions' section. In the 'Roles & Permissions' section, the 'Integration' role is highlighted with a green box. It includes a checkbox for 'View & manage websites' and another for 'Integration'. Other roles like Marketing, Medias, and Memberships are also listed with their respective permissions.

Where can I find Private Integrations?

To manage Private Integrations, go to Settings and scroll down to the 'Other Settings' section in the left navigation menu. If you don't find the setting, please make sure that you have enabled the feature on Labs.

The screenshot shows the 'Private Integrations' page. The sidebar has 'Private Integrations' selected. The main area displays a table of integrations. One entry, 'My Make App1', is shown with its details: Name, Description, Created On, Updated At, Last Used, and Created By. A 'Create New Integration' button is located at the top right of the table area.

How do I create a new Private Integration?

Step 1: Click on "Create new Integration"

Private Integrations API v2.0



Start by creating a private integration
Private integrations are simple yet secure ways to integrate your account with third-party apps.

[Learn More](#) [Create new Integration](#)

Step 2: Give your Private Integration a name and description to help you and your team identify what it's for.

Private Integrations API v2.0

[Basic info](#) [Scopes](#)

Basic info

Give your integration a unique name and description to help your team understand what it does.

Name *

Enter name 0 / 200

Description

Provide description of your integration 0 / 500

[Cancel](#)

[Next](#)

Step 3: Select the scopes/permissions that you want the private integration to have access to on your account. Ensure that you are selecting only the required scopes for better data security.

Private Integrations API v2.0

[Basic info](#) [Scopes](#)

Scopes

Scopes determine the permissions that the third-party app has to access your account data or perform actions. It's recommended to grant as few scopes as necessary for better account security.

[View Contacts X](#) [Edit Calendar Events X](#) [Edit Conversation Messages X](#)

[View Calendar Resources](#)

[Edit Calendar Resources](#)

[View Campaigns](#)

[View Conversations](#)

[Edit Conversations](#)

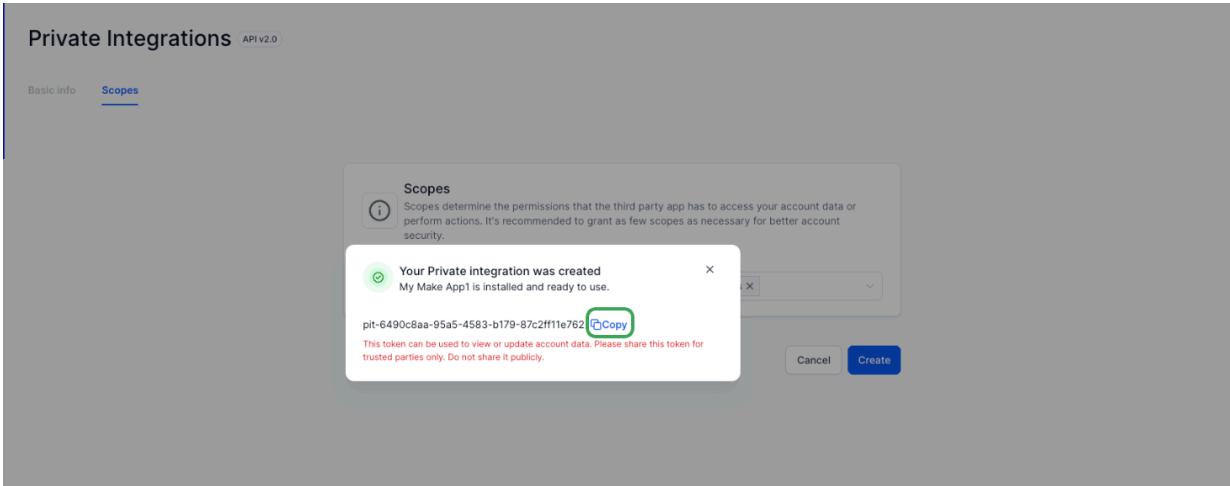
[View Conversation Messages](#)

[Edit Conversation Messages](#)

Step 4: Copy the token generated and share it with your third-party app developer.

Please ensure that you are sharing the token with trusted parties only. Do not share it publicly.

Note: Don't forget to copy the token generated as you won't be able to do it again later.



What are some best practices to maintain security of my private integration token?

We recommend that you rotate your Private Integration tokens every 90 days.

Here's how you can do it.

Step 1: Navigate to Private Integrations under settings, and click on the Private Integration you have created.

Name	Description	Created On	Updated At	Last Used	Created By
My Make App1	My Make App1	Jul 10 2024, 04:59 PM	Jul 10 2024, 04:49 PM	-	NaN

Step 2: Click on "Rotate and expire this token later".

← My Make App1

Access Token

Used to make API calls

pit-6490****-****-****-****e762

It is recommended that you rotate your access token every 90 days for better account security.

- Choose 'Rotate and expire this token later' to rotate the keys after 7 days. This will give your third-party app developer 7 days time to update the token on their end. Meanwhile, the old access token will continue to work too.
- If you believe your access token has been compromised, choose 'Rotate and expire this token now'. This will expire the existing token immediately and give you a new replacement token.

[Rotate and expire this token now](#)

[Rotate and expire this token later](#)

Step 3: Click "Continue" in response to the warning message if you are sure that you want to proceed with rotation.

← My Make App1

Access Token

Used to make API calls

pit-6490****-****-****-****e762

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- Choose 'Rotate and expire this token later' to rotate the keys after 7 days. This will give your third-party app developer 7 days time to update the token on their end. Meanwhile, the old access token will continue to work too.
- If you believe your access token has been compromised, choose 'Rotate and expire this token now'. This will expire the existing token immediately and give you a new replacement token.

[Rotate and expire this token now](#)



Step 4: Copy the new token and update it on your third-party app. You will have a 7 day window where both the old and the new tokens will continue to work. After 7 days, the old token will expire. In this 7 day window, you will have the option to:

1. "Cancel rotation" if, for example, your developer needs more time to update the token on the third-party app.
2. "Expire Now", if, for example, the third party app has been updated with the new token.

Note: Don't forget to copy the token generated as you won't be able to do it again later.

← My Make App1

Access Token new
Used to make API calls

pit-1c50e2bb-3c7c-4404-be9a-587f0106f712 [Copy](#)

⚠️ This token automatically becomes primary after 6 days & 23 hours.

[Cancel rotation](#)

Access Token old
Used to make API calls

pit-6490*****-*****-*****e762

⚠️ This token will automatically expire in 6 days & 23 hours.

[Expire now](#)

My token has been compromised? What should I do?

Step 1: Navigate to Private Integrations under settings, and click on the Private Integration you have created.

Private Integrations API v2.0

[Create New Integration](#)

Private Integrations

Name	Description	Created On	Updated At	Last Used	Created By
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Step 2: Click on "Rotate and expire this token now".

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Access Token
Used to make API calls

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- Choose 'Rotate and expire this token later' to rotate the keys after 7 days. This will give your third-party app developer 7 days time to update the token on their end. Meanwhile, the old access token will continue to work too.
- If you believe your access token has been compromised, choose 'Rotate and expire this token now'. This will expire the existing token immediately and give you a new replacement token.

[Rotate and expire this token now](#)

[Rotate and expire this token later](#)

Step 3: Click "Continue" in response to the warning message if you are sure that you want to proceed with rotation.

← My Make App1

The screenshot shows the 'Access Token' section of the 'My Make App1' integration. It displays the token value 'pit-6490*****-****-****-****e762'. A modal window is open, titled 'Rotate and expire this token now', with a warning message: 'This will expire the existing token immediately and give you a new replacement token.' It contains two buttons: 'Cancel' and 'Continue'.

Step 4: Copy the new token and update it on your third-party app.

Note: Don't forget to copy the token generated as you won't be able to do it again later.

← My Make App1

The screenshot shows the 'Access Token' section of the 'My Make App1' integration. The token value 'pit-583be654-2c2a-4de0-87f1-6d37bdddcc' is displayed, with a 'Copy' button next to it, which is highlighted with a green oval. Below the token, there is a note about rotation and a row of buttons: 'Rotate and expire this token now' (disabled), 'Rotate and expire this token later' (highlighted with a blue rectangle), and 'Create New Integration'.

Can I edit the Private Integration permissions without updating the token?

Yes, you can edit the Private Integration name, description and scopes/permissions any time after you've created it. Here's how you can do it.

Step 1: Navigate to Private Integrations under settings, and select "Edit" from the three-dot menu.

The screenshot shows the 'Private Integrations' list page. It displays a single entry: 'My Make App1' with a description 'My Make App1', created on 'Jul 11 2024, 09:30 AM', updated on 'Jul 11 2024, 09:15 AM', and created by 'NaN'. To the right of each column is a three-dot menu. The 'Edit' icon in the 'Created By' menu is highlighted with a green oval. At the top right, there is a 'Create New Integration' button.

Step 2: Update the Private Integration name and description if required. Click on "Next".

← My Make App1 API v2.0

[Basic info](#) [Scopes](#)

Basic info

Give your integration as unique name and description to help understand your team what it does

Name *

 12 / 200

Description

 12 / 500

[Cancel](#) [Next](#)

Step 3: If required, update the scopes/permissions that you want the private integration to have access to on your account. Ensure that you are selecting only the required scopes for better data security. Click on "Update" to save the updates made.

← My Make App1 API v2.0

[Basic info](#) [Scopes](#)

Scopes

Scopes determine the permissions that the third party app has to access your account data or perform actions. It's recommended to grant as few scopes as necessary for better account security.

[View Contacts](#) [Edit Calendar Events](#) [Edit Conversation Messages](#)

[Cancel](#) [Update](#)

Note: Updating the Private Integration details does not generate a new token. The existing token will continue to work.

How do I delete the Private Integration once I no longer need it?

You can delete the Private Integration once you no longer are using the third-party app.

To do so, navigate to Private Integrations under settings, and select "Delete" from the three-dot menu.

Private Integrations API v2.0

[Create New Integration](#)

Private Integrations

Name	Description	Created On	Updated At	Last Used	Created By	⋮
My Make App1	My Make App1	Jul 11 2024, 09:30 AM	Jul 11 2024, 09:15 AM	-	NaN	 Edit Delete