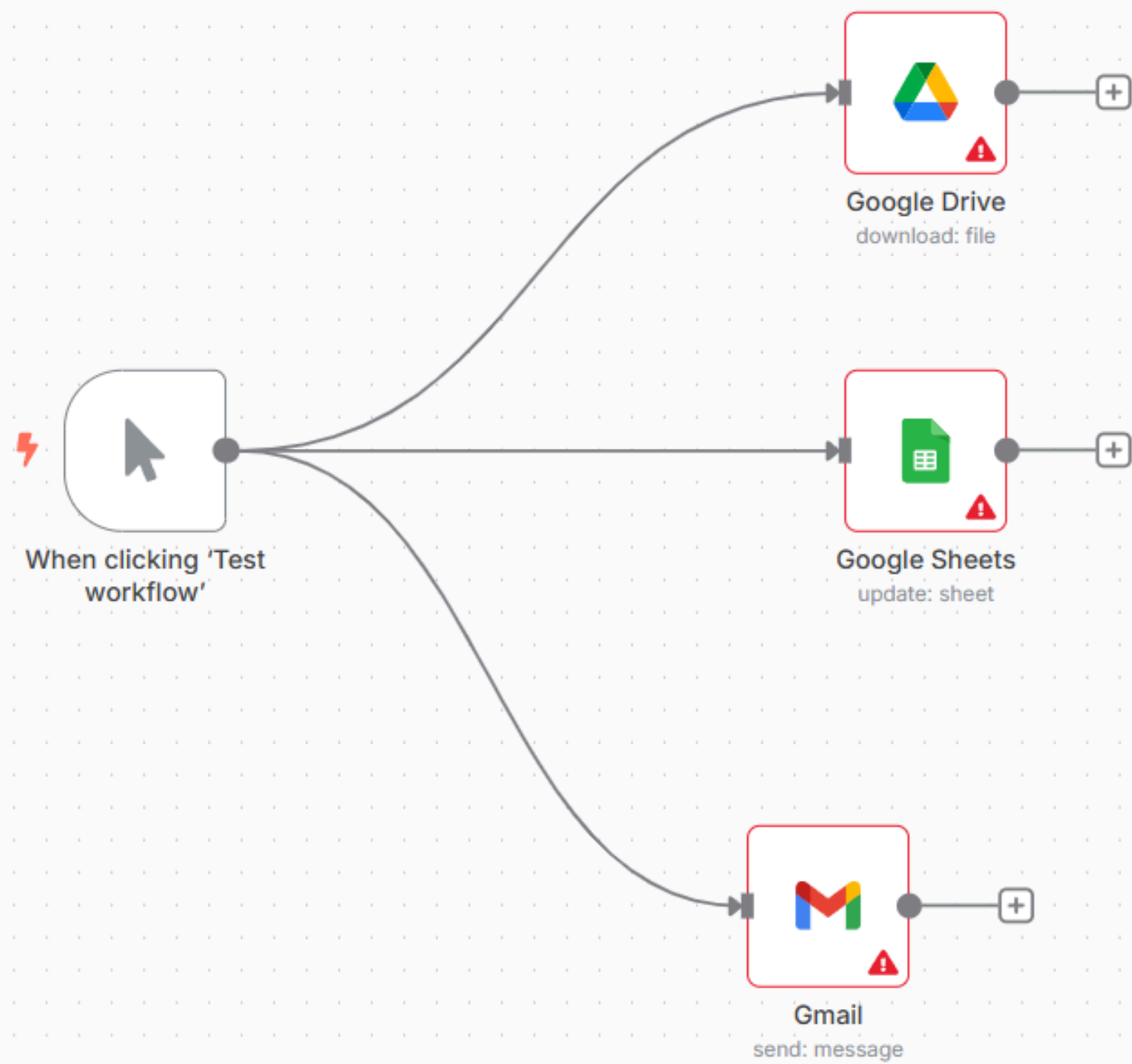
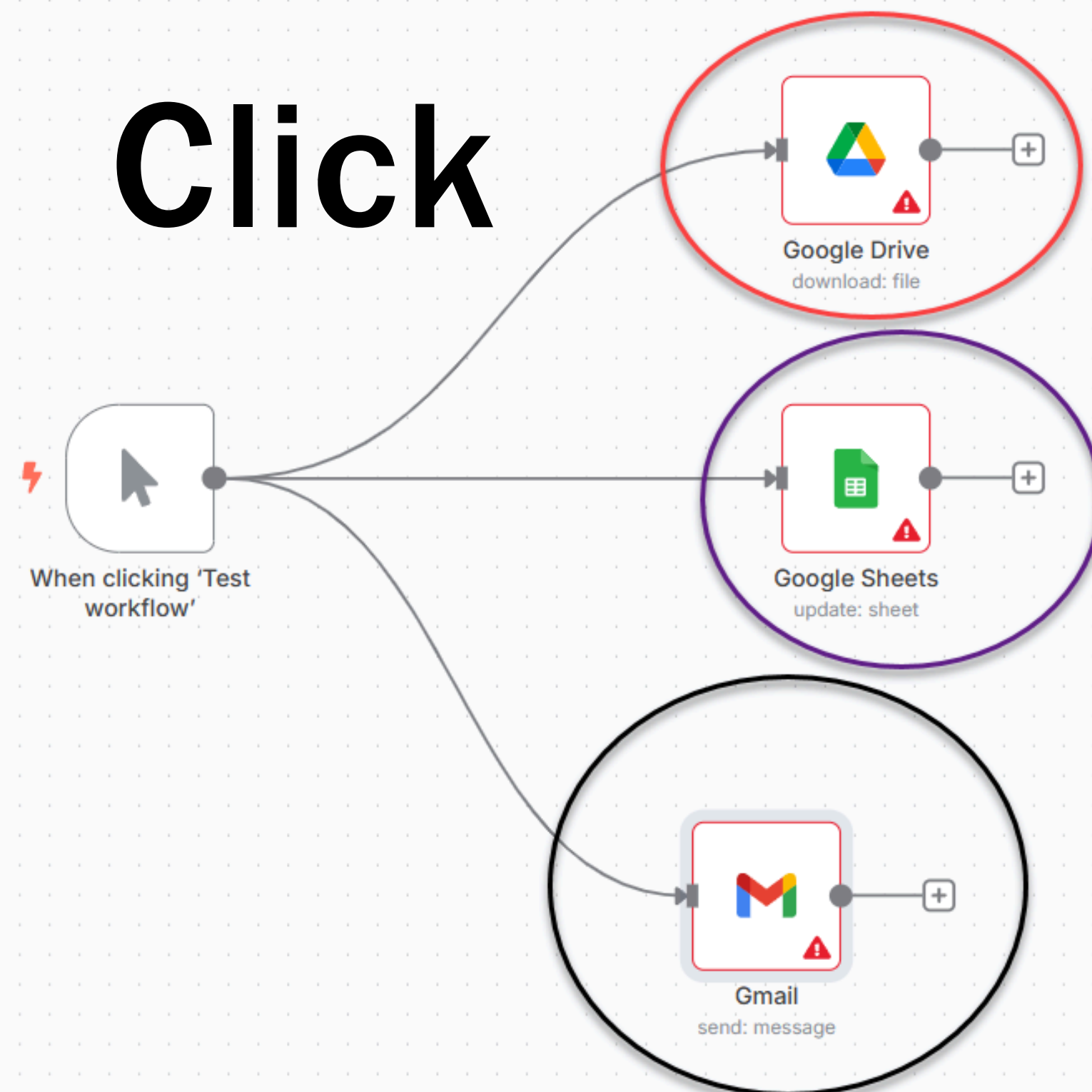




# Set up Google Credentials in n8n



# Click



Gmail account

Gmail OAuth2 API

Save

Connection

Sharing

Details

Connect using \*

OAuth2 (recommended)

Service Account

OAuth Redirect URL

https://[REDACTED]/oauth2-credential/callback

In Gmail, use the URL above when prompted to enter an OAuth callback or redirect URL

Client ID \*

Client Secret \*

\*\*\*\*\*

Enterprise plan users can pull in credentials from external vaults. More info

Setup guide

Docs

Configure this credential:

- Log in to your [Google Cloud](#) account.
- Go to [Google Cloud Console / APIs and services](#) and choose the project you want to use from the select at the top left (or create a new one and select it).
- If you haven't used OAuth in this Google Cloud project before, [configure the OAuth consent screen](#).
- In Credentials, select + CREATE CREDENTIALS > OAuth client ID.
- In the Application type dropdown, select Web application.
- Under Authorized redirect URIs, select + ADD URI. Paste in the OAuth redirect URL from n8n.
- Select Create.
- In Enabled APIs and services, select + ENABLE APIS AND SERVICES.
- Select and enable the Gmail API.
- Back to Credentials, click on the credential in OAuth 2.0 Client IDs, and on the credential page, you will find the Client ID and Client Secret.

Click the docs link above for more detailed instructions.

Google Sheets account

Google Sheets OAuth2 API

Save

Connection

Sharing

Details

Need help filling out these fields? Open docs

Connect using \*

OAuth2 (recommended)

Service Account

OAuth Redirect URL

https://[REDACTED]/rest/oauth2-credential/callback

In Google Sheets, use the URL above when prompted to enter an OAuth callback or redirect URL

Client ID \*

Client Secret \*

\*\*\*\*\*

Make sure you enabled the following APIs & Services in the Google Cloud Console: Google Drive API, Google Sheets API. More info.

Enterprise plan users can pull in credentials from external vaults. More info

Gmail account

Gmail OAuth2 API

Save

Connection

Sharing

Details

Connect using \*

OAuth2 (recommended)

Service Account

OAuth Redirect URL

https://[REDACTED]/rest/oauth2-credential/callback

In Gmail, use the URL above when prompted to enter an OAuth callback or redirect URL

Client ID \*

Client Secret \*

\*\*\*\*\*

Enterprise plan users can pull in credentials from external vaults. More info

Setup guide

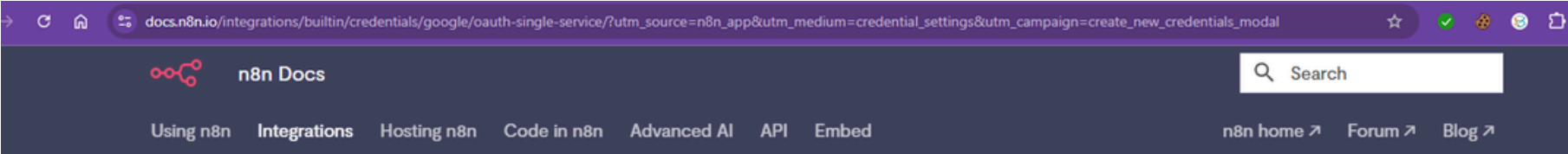
Docs

Configure this credential:

- Log in to your [Google Cloud](#) account.
- Go to [Google Cloud Console / APIs and services](#) and choose the project you want to use from the select at the top left (or create a new one and select it).
- If you haven't used OAuth in this Google Cloud project before, [configure the OAuth consent screen](#).
- In Credentials, select + CREATE CREDENTIALS > OAuth client ID.
- In the Application type dropdown, select Web application.
- Under Authorized redirect URIs, select + ADD URI. Paste in the OAuth redirect URL from n8n.
- Select Create.
- In Enabled APIs and services, select + ENABLE APIS AND SERVICES.
- Select and enable the Gmail API.
- Back to Credentials, click on the credential in OAuth 2.0 Client IDs, and on the credential page, you will find the Client ID and Client Secret.

Click the docs link above for more detailed instructions.

[https://docs.n8n.io/integrations/builtin/credentials/google/oauth-single-service/?utm\\_source=n8n\\_app&utm\\_medium=credential\\_settings&utm\\_campaign=create\\_new\\_credentials\\_modal#create-a-google-cloud-console-project](https://docs.n8n.io/integrations/builtin/credentials/google/oauth-single-service/?utm_source=n8n_app&utm_medium=credential_settings&utm_campaign=create_new_credentials_modal#create-a-google-cloud-console-project)



## Google: OAuth2 single service

This document contains instructions for creating a Google credential for a single service. They're also available as a [video](#).

**Note for n8n Cloud users**

For the following nodes, you can authenticate by selecting **Sign in with Google** in the OAuth section:

- Google Calendar
- Google Contacts
- Google Drive
- Google Mail
- Google Sheets
- Google Sheets Trigger
- Google Tasks

### Prerequisites

- Create a [Google Cloud](#) account.

### Set up OAuth #

There are five steps to connecting your n8n credential to Google services:

- Create a [Google Cloud Console project](#).
- Enable APIs.
- Configure your OAuth consent screen.
- Create your Google OAuth client credentials.
- Finish your n8n credential.

#### Table of contents

- Prerequisites
- Set up OAuth
  - Create a Google Cloud Console project
  - Enable APIs
  - Configure your OAuth consent screen
  - Create your Google OAuth client credentials
  - Finish your n8n credential
- Video
- Troubleshooting
  - Google hasn't verified this app
  - Google Cloud app becoming unauthorized



#### Integrations

- Formstack Trigger credentials
- Fortinet FortiGate credentials
- Freshdesk credentials
- Freshservice credentials
- Freshworks CRM credentials
- FTP credentials
- GetResponse credentials
- Ghost credentials
- Git credentials
- GitHub credentials
- GitLab credentials
- Gong credentials
- Google
  - [Google OAuth2 single service](#)
  - Google OAuth2 generic
  - Google Service Account
- Google Gemini(PaLM) credentials
- Gotify credentials
- GoToWebinar credentials
- Grafana credentials
- Grist credentials
- Groq credentials
- Gumroad credentials
- HaloPSA credentials
- Harvest credentials
- Help Scout credentials
- HighLevel credentials

### Create a Google Cloud Console project

[Back to top](#) <#>

First, create a Google Cloud Console project. If you already have a project, jump to the next section:

- Log in to your [Google Cloud Console](#) using your Google credentials.
- In the top menu, select the project dropdown in the top navigation and select **New project** or go directly to the [New Project](#) page.
- Enter a **Project name** and select the **Location** for your project.
- Select **Create**.
- Check the top navigation and make sure the project dropdown has your project selected. If not, select the project you just created.



Check the project dropdown in the Google Cloud top navigation

### Enable APIs

With your project created, enable the APIs you'll need access to:

- Access your [Google Cloud Console - Library](#). Make sure you're in the correct project.



Check the project dropdown in the Google Cloud top navigation

#### Table of contents

- Prerequisites
- Set up OAuth
  - [Create a Google Cloud Console project](#)
  - Enable APIs
  - Configure your OAuth consent screen
  - Create your Google OAuth client credentials
  - Finish your n8n credential
- Video
- Troubleshooting
  - Google hasn't verified this app
  - Google Cloud app becoming unauthorized

<https://www.youtube.com/watch?v=W2OOe4Y5FZ0>

no-code

How to Set up Google Credentials in n8n 2025

Share

# Google CREDENTIALIAL

Google Drive1  
download: file

Gmail1  
getAll: message

Google Calendar  
create: event

Google Docs1  
appendOrUpdate

Google Sheets1  
appendOrUpdate

Watch on YouTube



<https://console.cloud.google.com>

Google Cloud

Gemini API

Search (/) for resources, docs, products, and more

Search

4

?

T

Welcome

You're working in Gemini API

Project number: 870931667805 Project ID: gen-lang-client-0521263869

[Dashboard](#) [Cloud Hub](#) NEW

Create a VM

Run a query in BigQuery

Deploy an application

Create a storage bucket

Try Gemini 2.0 Flash

Try Gemini →

Quick access

API APIs & Services

IAM & Admin

Billing

Compute Engine

Cloud Storage

BigQuery

VPC network

Kubernetes Engine

VIEW ALL PRODUCTS

Google Cloud

Gemini API

Search (/) for resources, docs, products, and more

Search

4

?

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Welcome

You're working in Gemini API

Project number: 870931667805 Project ID: gen-lang-client-0521263869

[Dashboard](#) [Cloud Hub](#) NEW

Create a VM

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Deploy an application

Create a storage bucket

Try Gemini 2.0 Flash

Try Gemini →

Quick access

API APIs & Services

IAM & Admin

Billing

Compute Engine

Cloud Storage

BigQuery

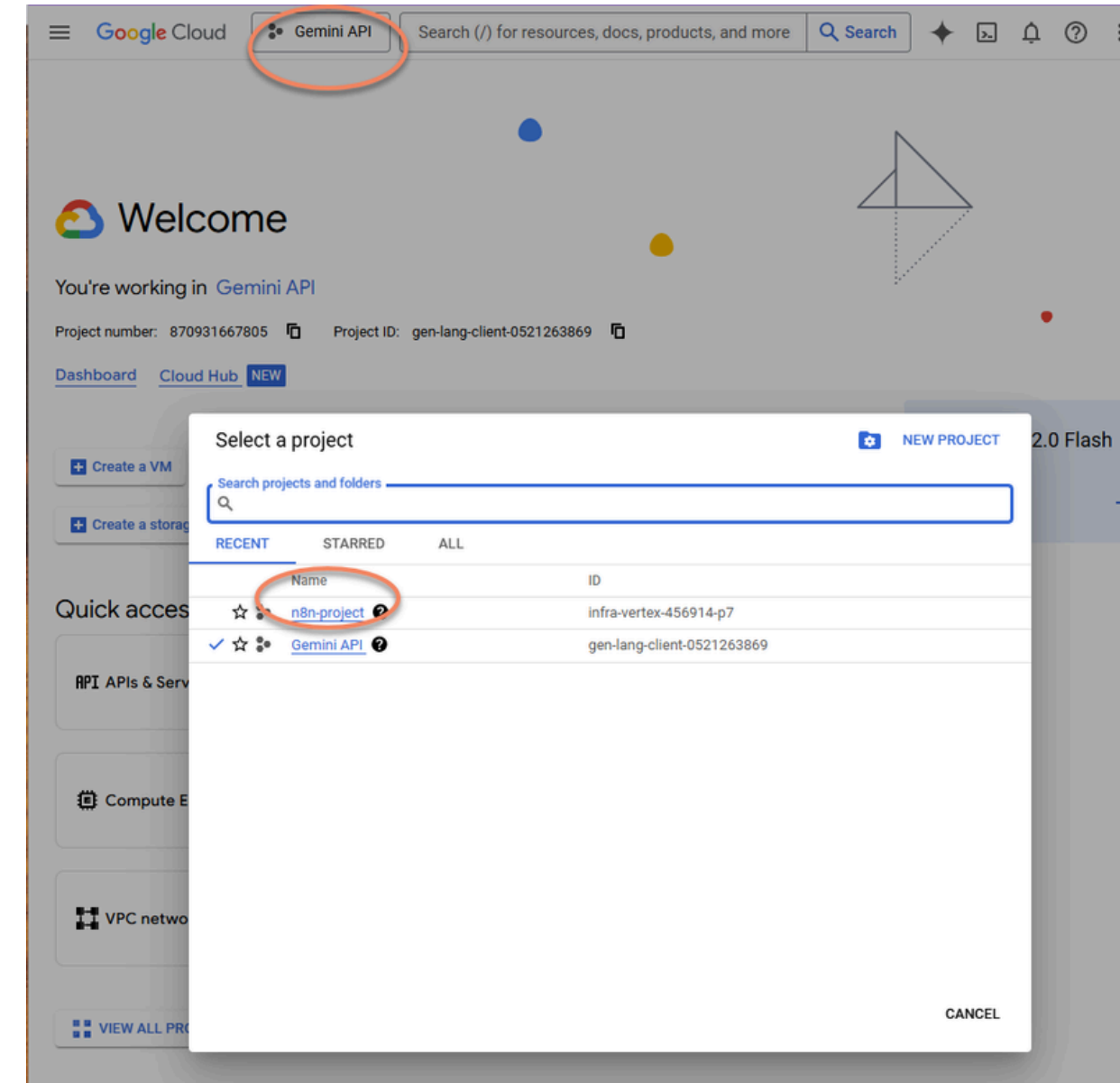
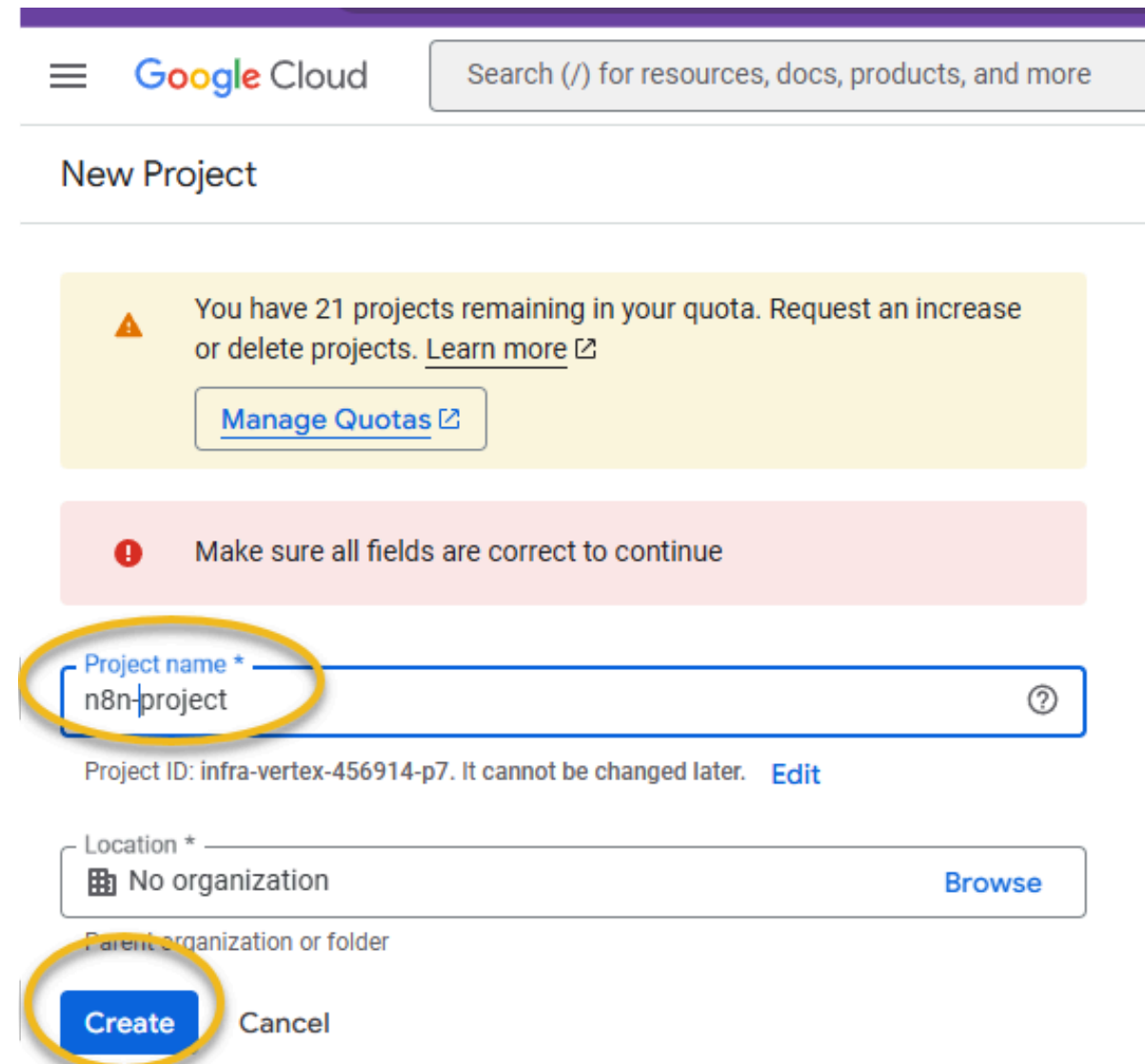
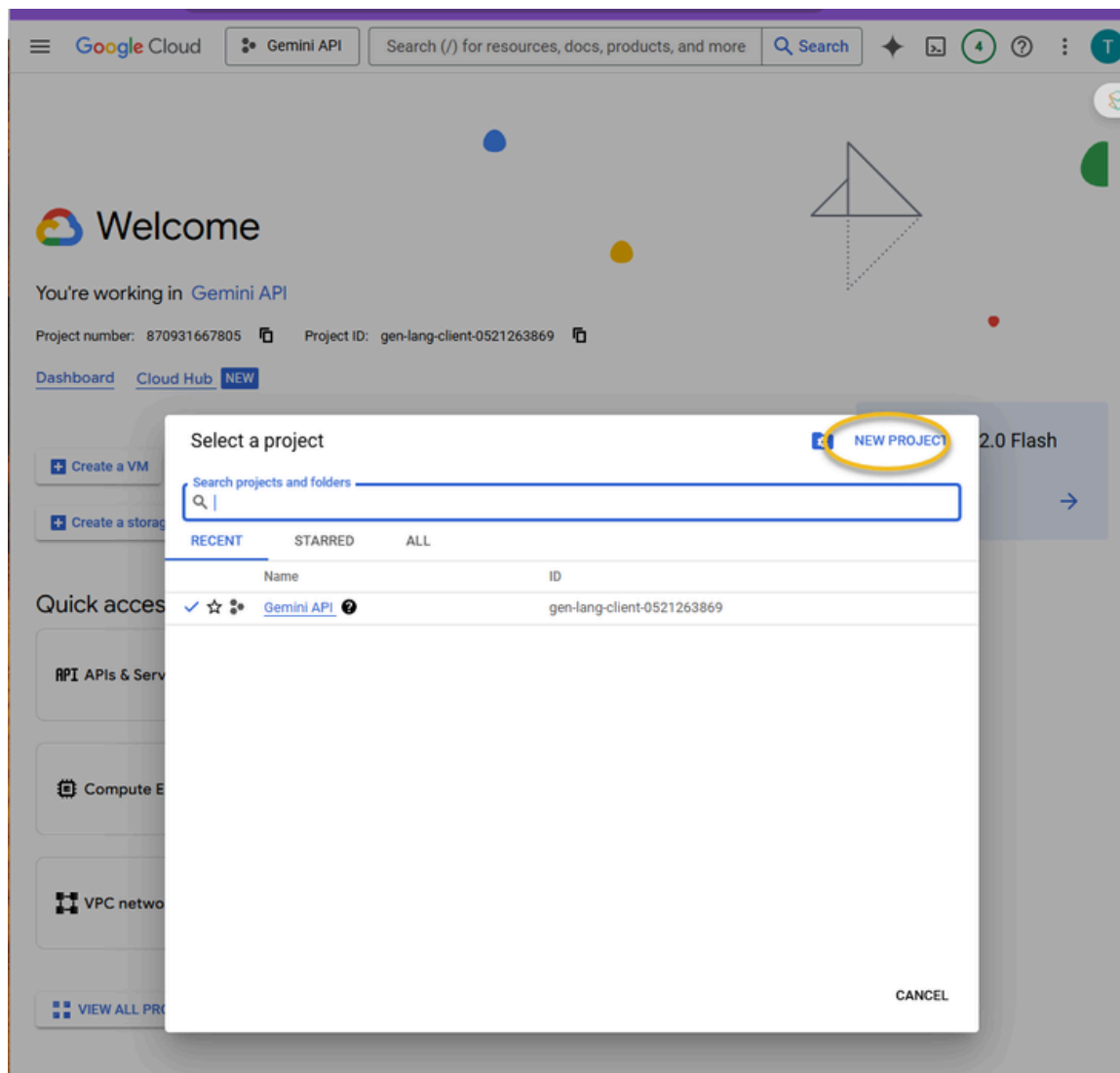
VPC network

Kubernetes Engine

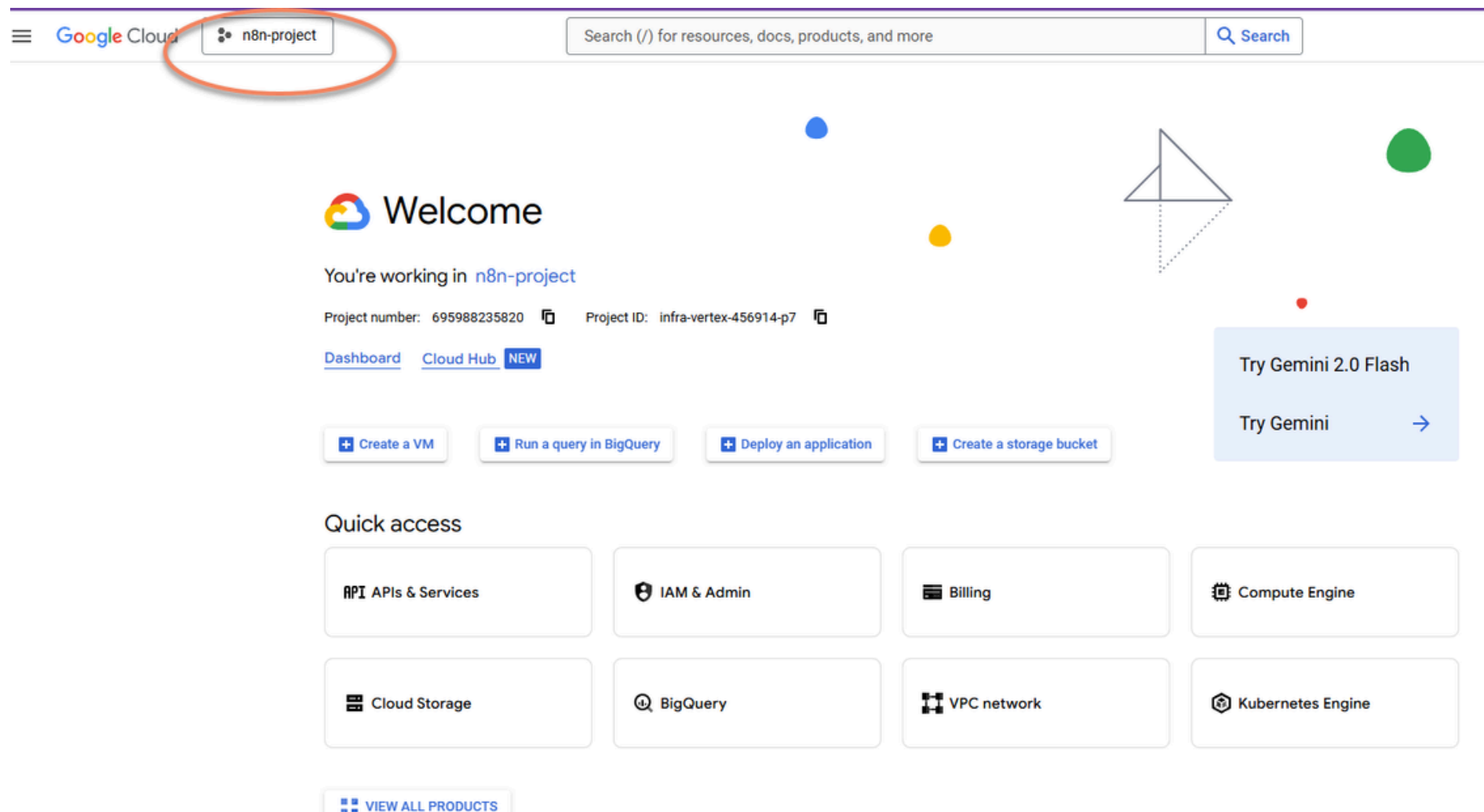
VIEW ALL PRODUCTS

## สร้าง project ชื่อ n8n-project

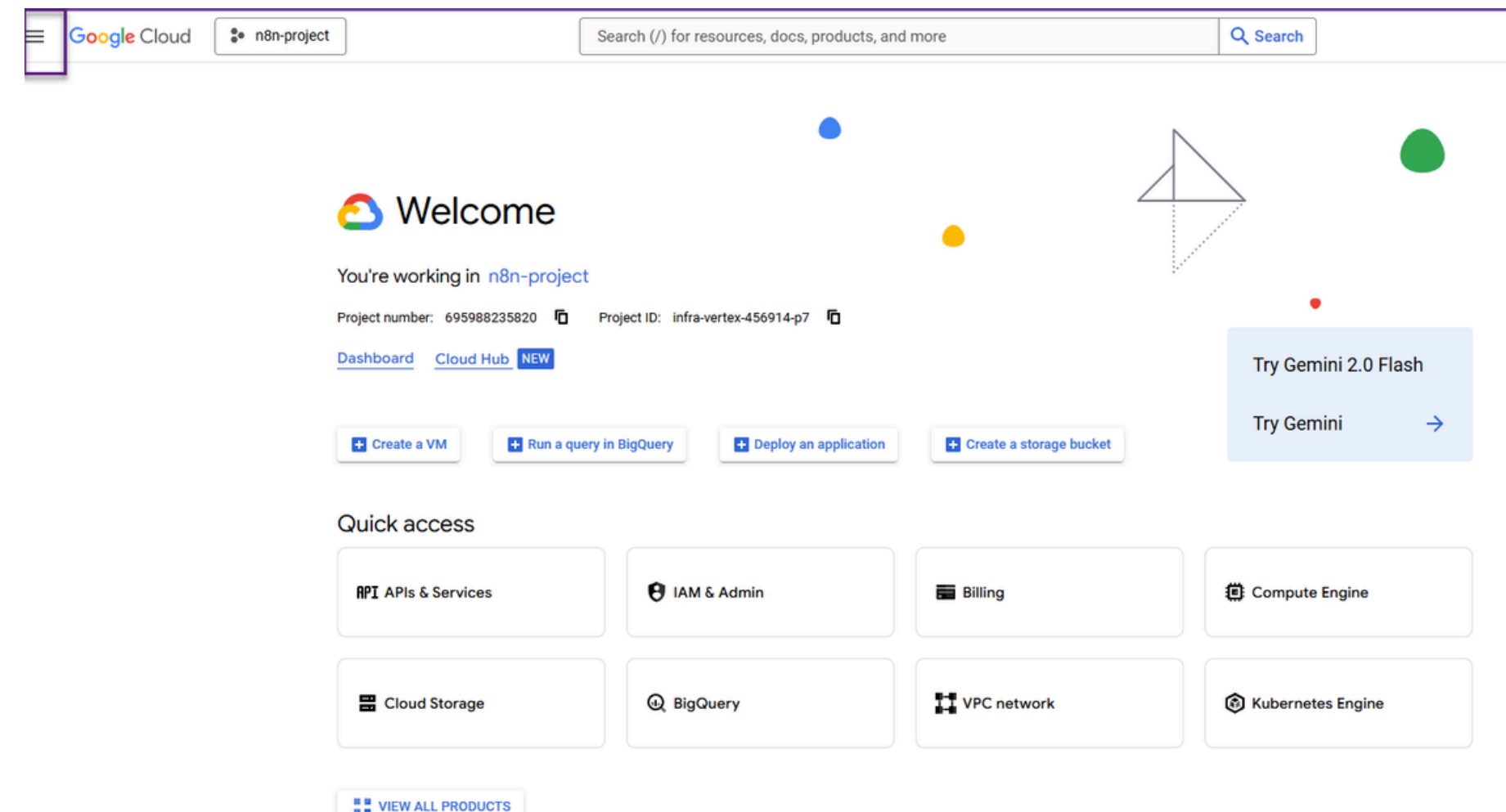
## เลือก project ที่เราสร้าง



# เลือก project ที่เราสร้าง

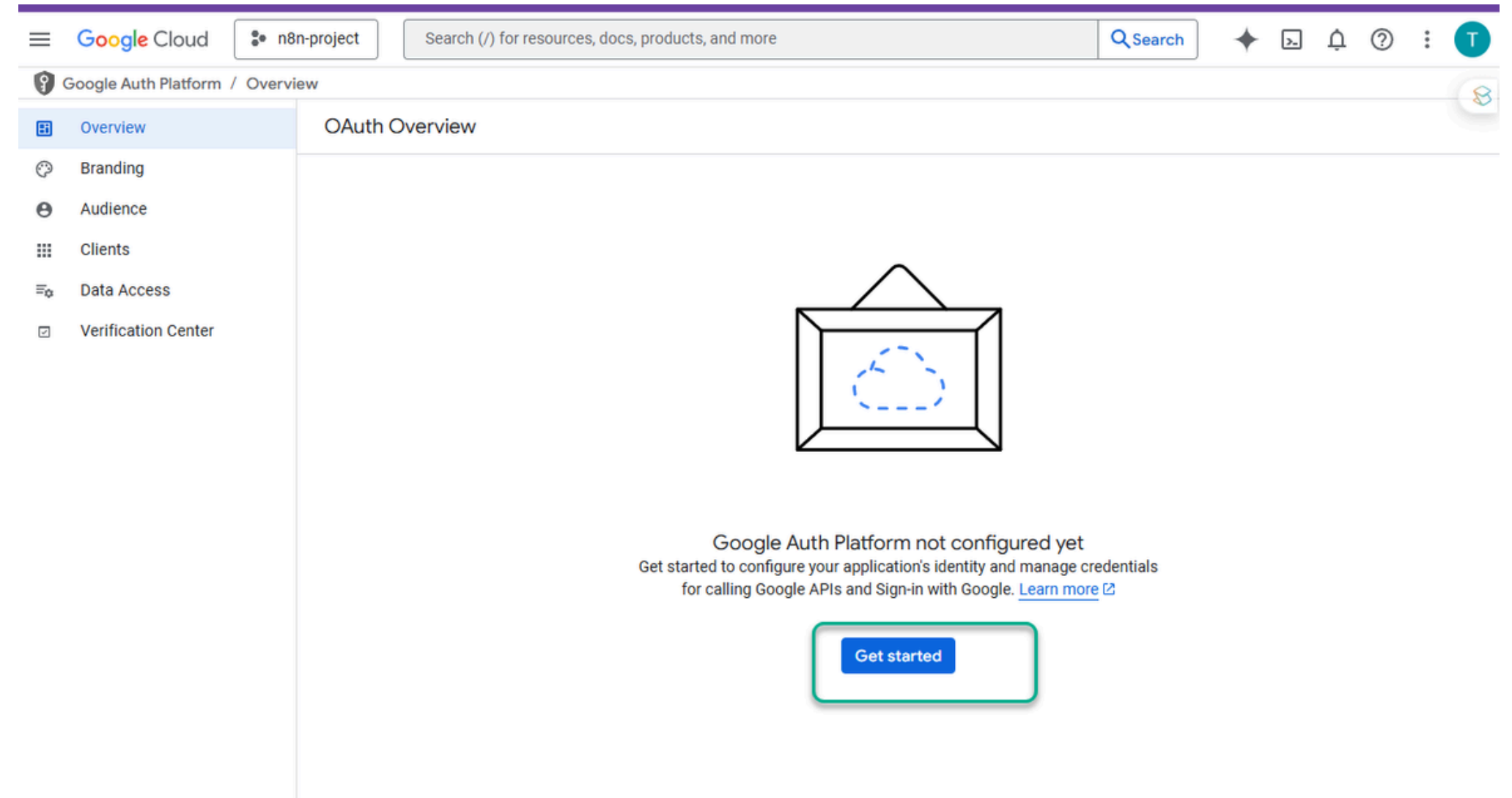
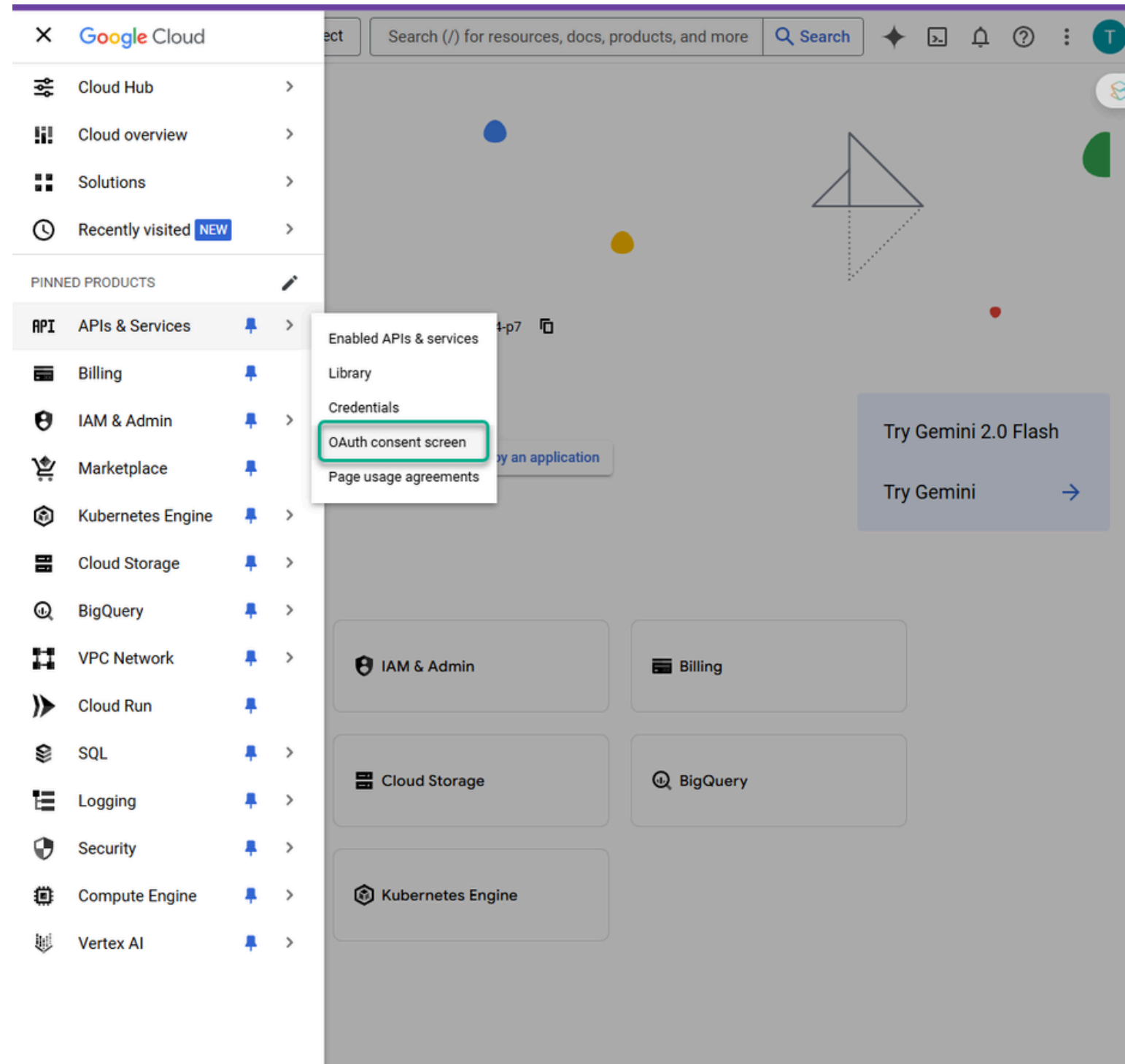


# Click 3 ขีดด้านบนซ้าย





# Setting OAuth consent



Google Cloud n8n-project Search (/) for resources, docs, products, and more Search

Google Auth Platform / Overview / Create branding

Overview Project configuration

Branding

Audience

Clients

Data Access

Verification Center

1 App Information

App name \*  
Web client 1

The name of the app asking for consent

User support email \*  
tuchsanai@gmail.com

For users to contact you with questions about their consent. [Learn more](#)

Next

2 Audience

3 Contact Information

4 Finish

Create Cancel

ตั้งชื่อ app

ใส่ email Gdrive

Google Cloud n8n-project Search (/) for resources, Search (/) for resources,

Google Auth Platform / Overview / Create branding

Overview Project configuration

Branding

Audience

Clients

Data Access

Verification Center

1 App Information

2 Audience

Internal

Only available to users within your organization. You will not need to submit your app for verification. [Learn more about user type](#)

External

Available to any test user with a Google Account. Your app will start in testing mode and will only be available to users you add to the list of test users. Once your app is ready to push to production, you may need to verify your app. [Learn more about user type](#)

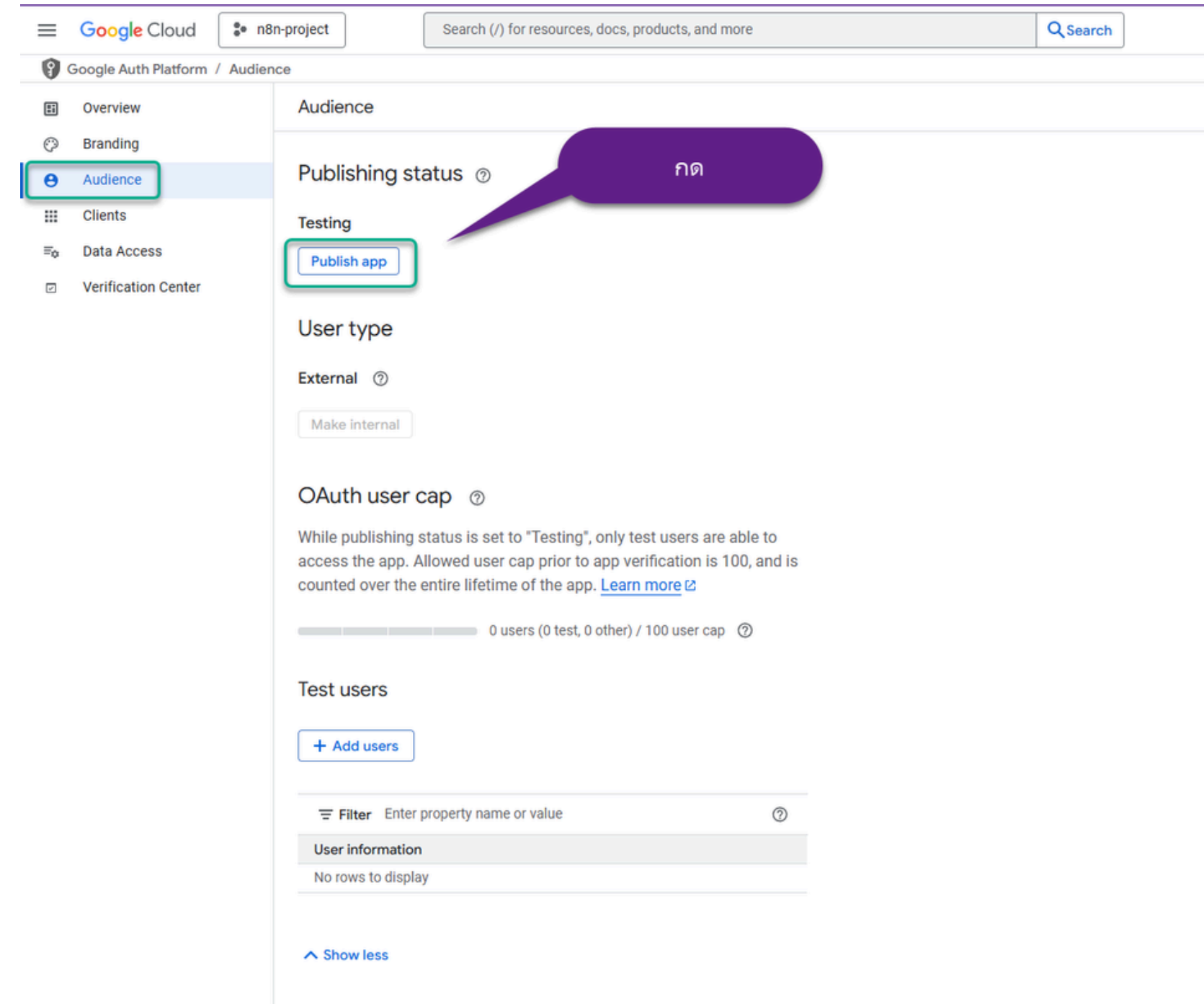
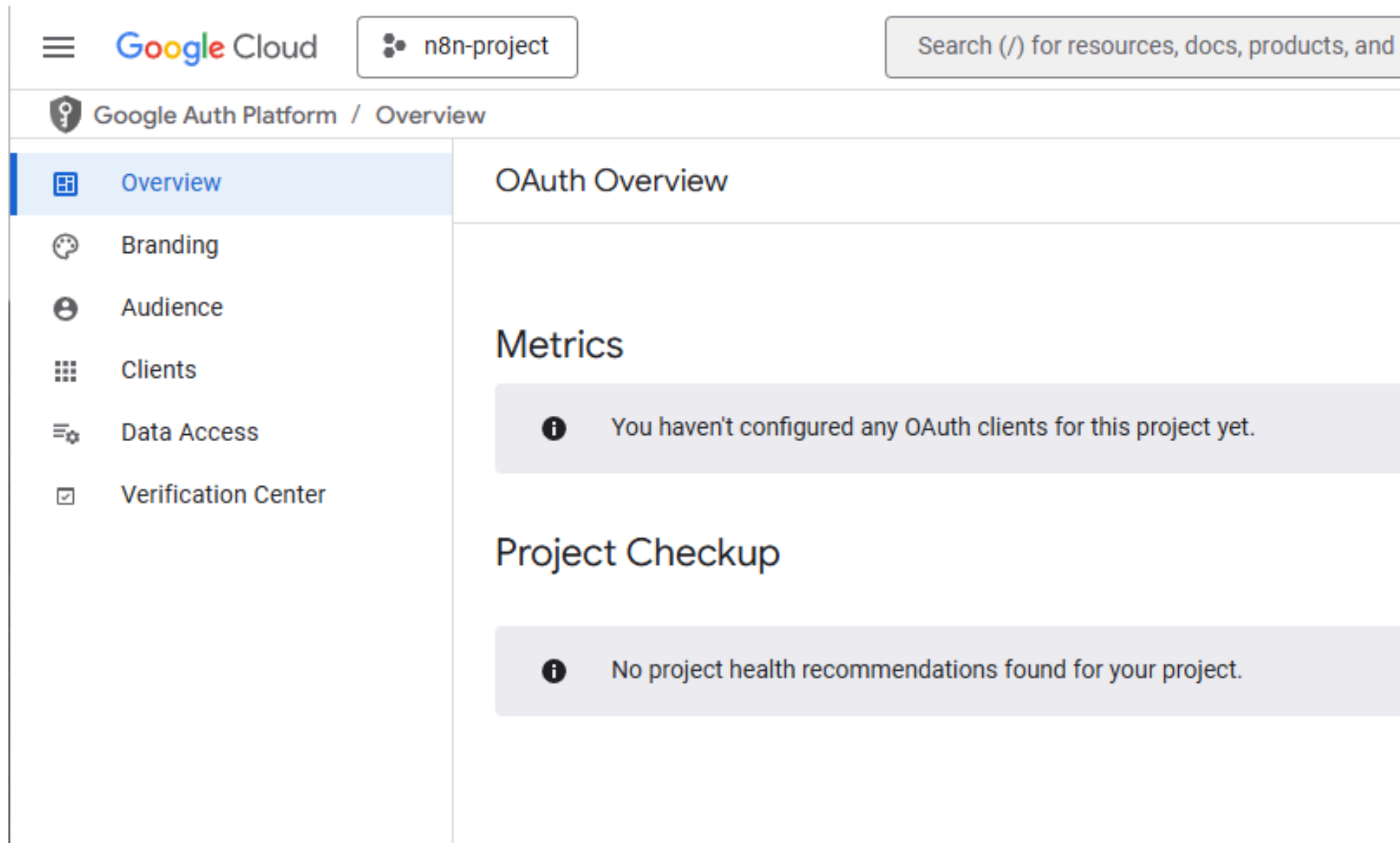
Next

3 Contact Information

4 Finish

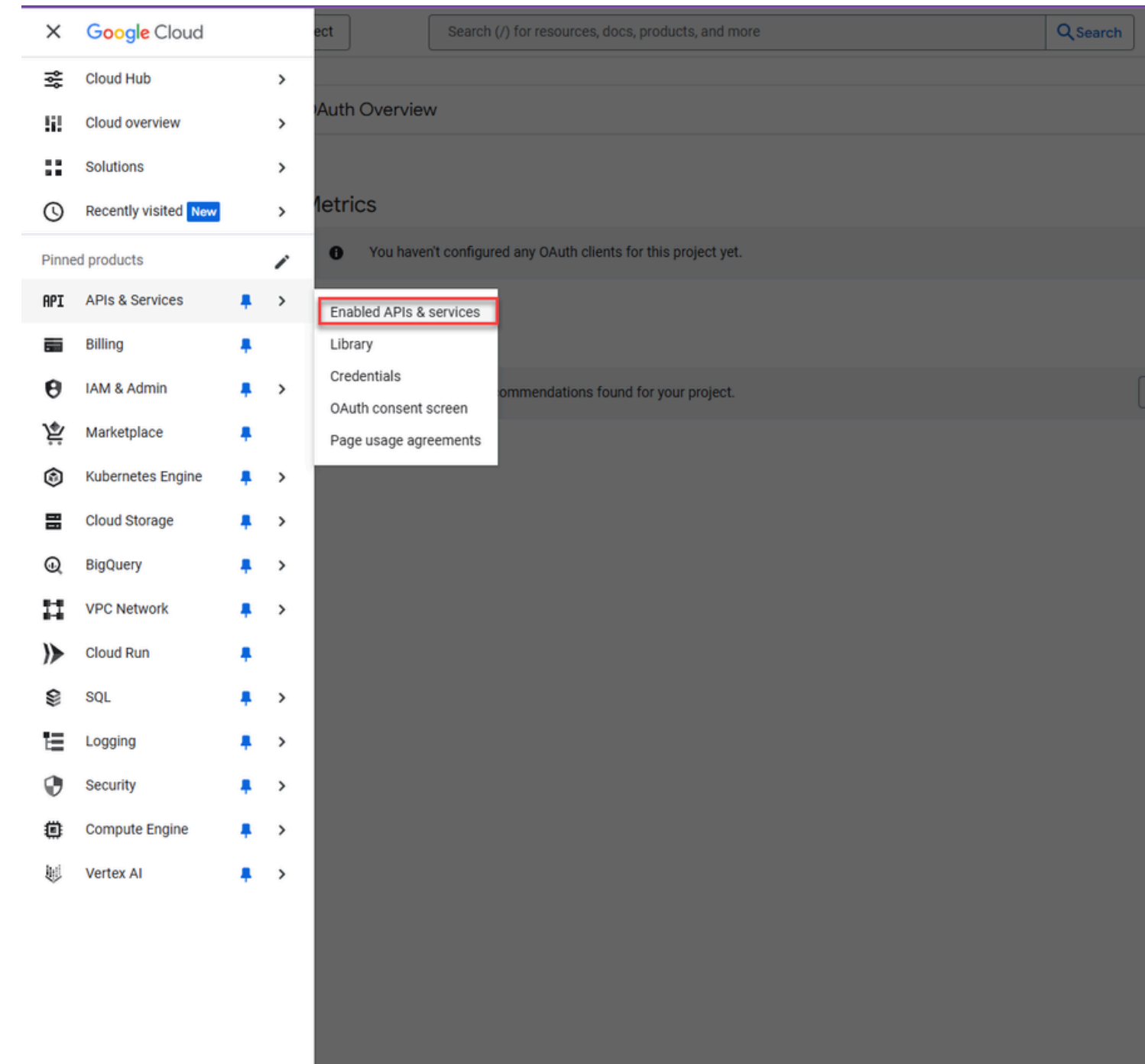
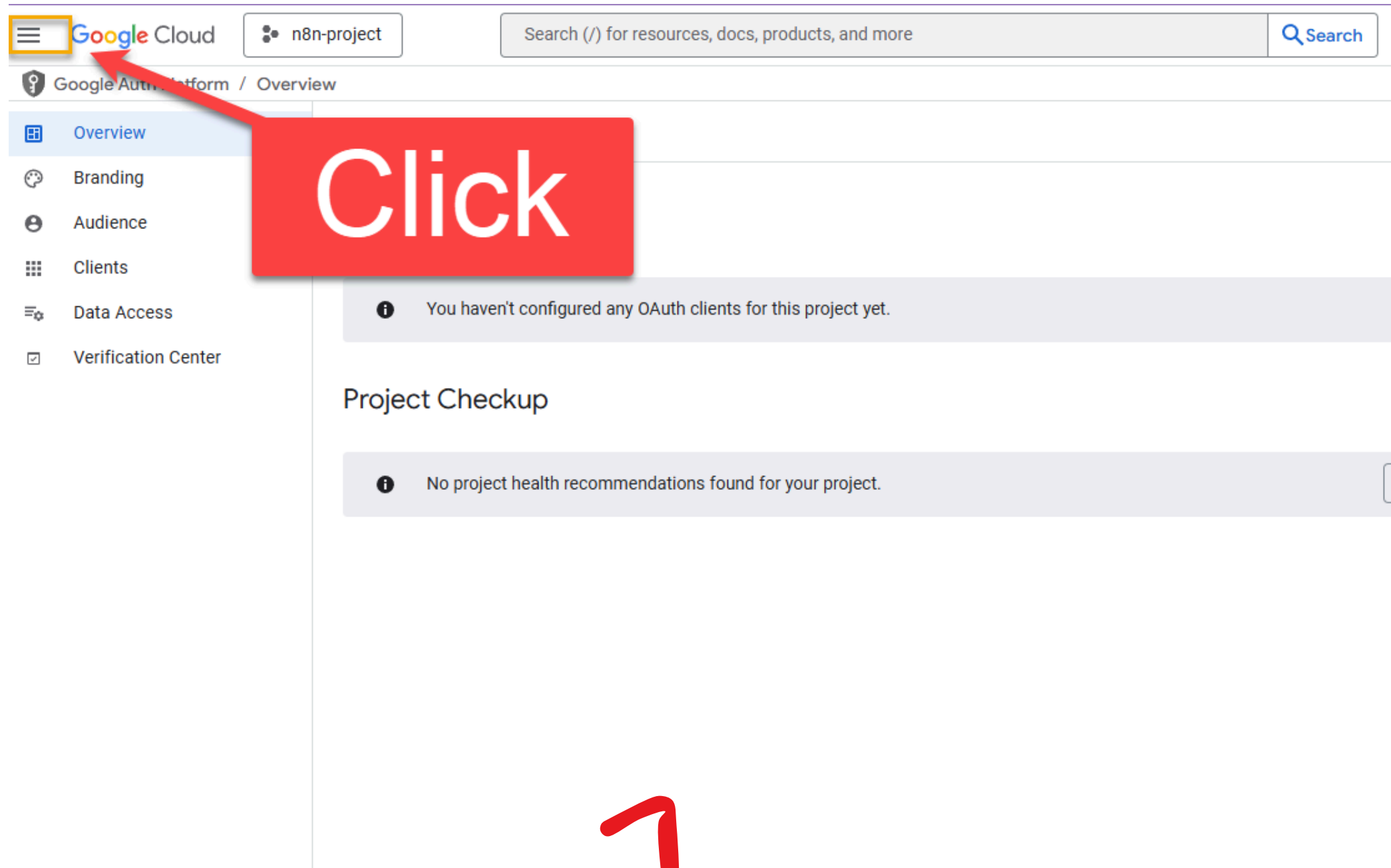
Create Cancel

# สำคัญ !!!



# Setting API

Click 3 ขีดด้านบนซ้าย



3

Google Cloud

n8n-project

Search (/) for resources, docs, products, and more

Search

1

?

T

APIs & Services

Enabled APIs & services

Library

Credentials

OAuth consent screen

Page usage agreements

Credentials

+ Create credentials

Delete

Restore deleted credentials

Create credentials to access your enabled APIs. [Learn more](#)

API Keys

<input type="checkbox"/>	Name	Creation date	↓	Restrictions	Actions
No API keys to display					

OAuth 2.0 Client IDs

<input type="checkbox"/>	Name	Creation date	↓	Type	Client ID	Actions
No OAuth clients to display						

Service Accounts

[Manage service accounts](#)

<input type="checkbox"/>	Email	Name	↑	Actions
No service accounts to display				

4

Google Cloud

n8n-project

Search (/) for resources, docs, products, and more

Search

1

?

T

APIs & Services

Enabled APIs & services

Library

Credentials

OAuth consent screen

Page usage agreements

Credentials

+ Create credentials

Delete

Restore deleted credentials

Create credentials to a

API Keys

<input type="checkbox"/>	Name	Creation date	↓	Restrictions	Actions
No API keys to displ					

OAuth 2.0 Client I

<input type="checkbox"/>	Name	Creation date	↓	Type	Client ID	Actions
No OAuth clients to display						

Service Accounts

[Manage service accounts](#)

<input type="checkbox"/>	Email	Name	↑	Actions
No service accounts to display				

API key

Identifies your project using a simple API key to check quota and access

OAuth client ID

Requests user consent so your app can access the user's data

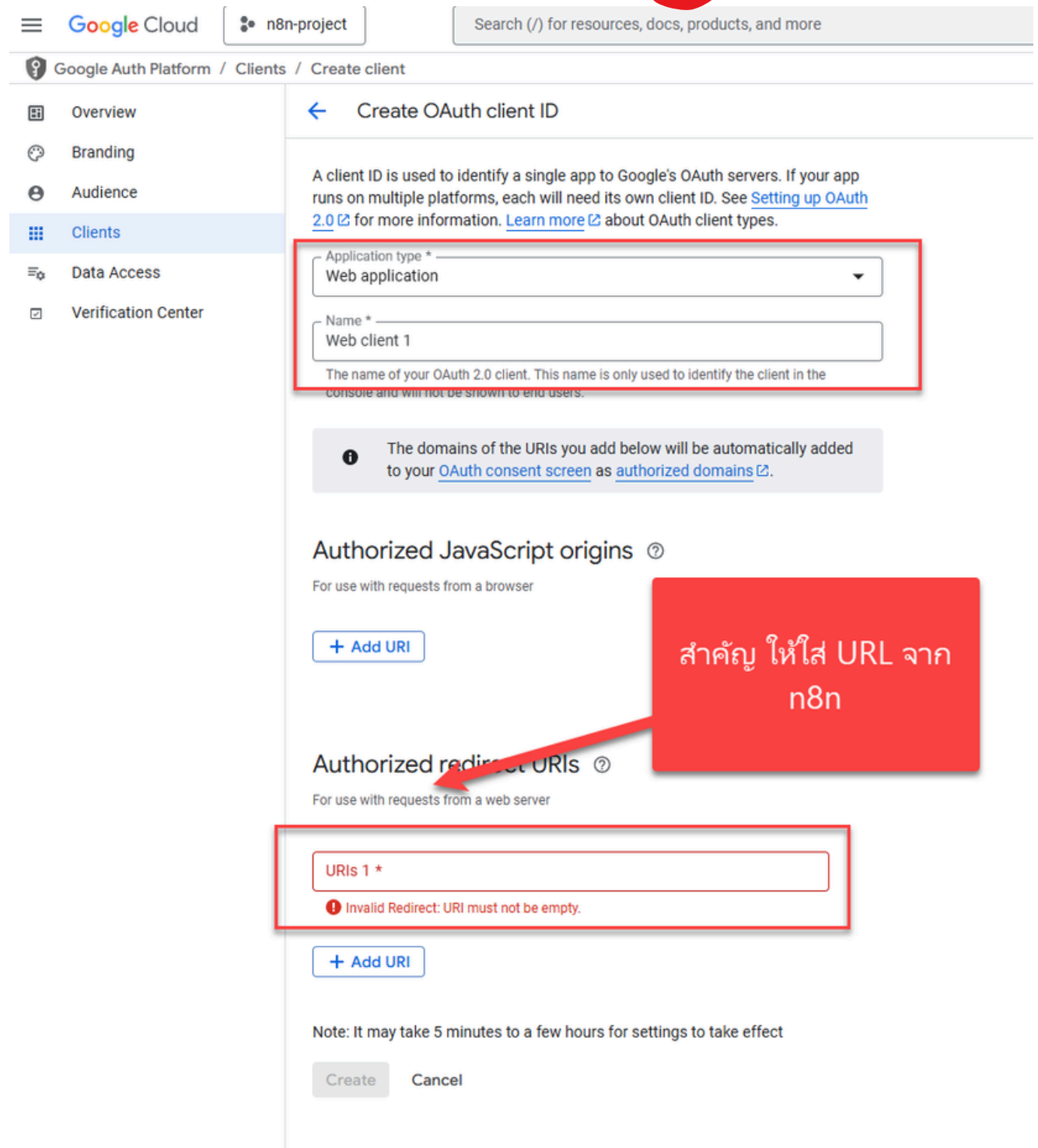
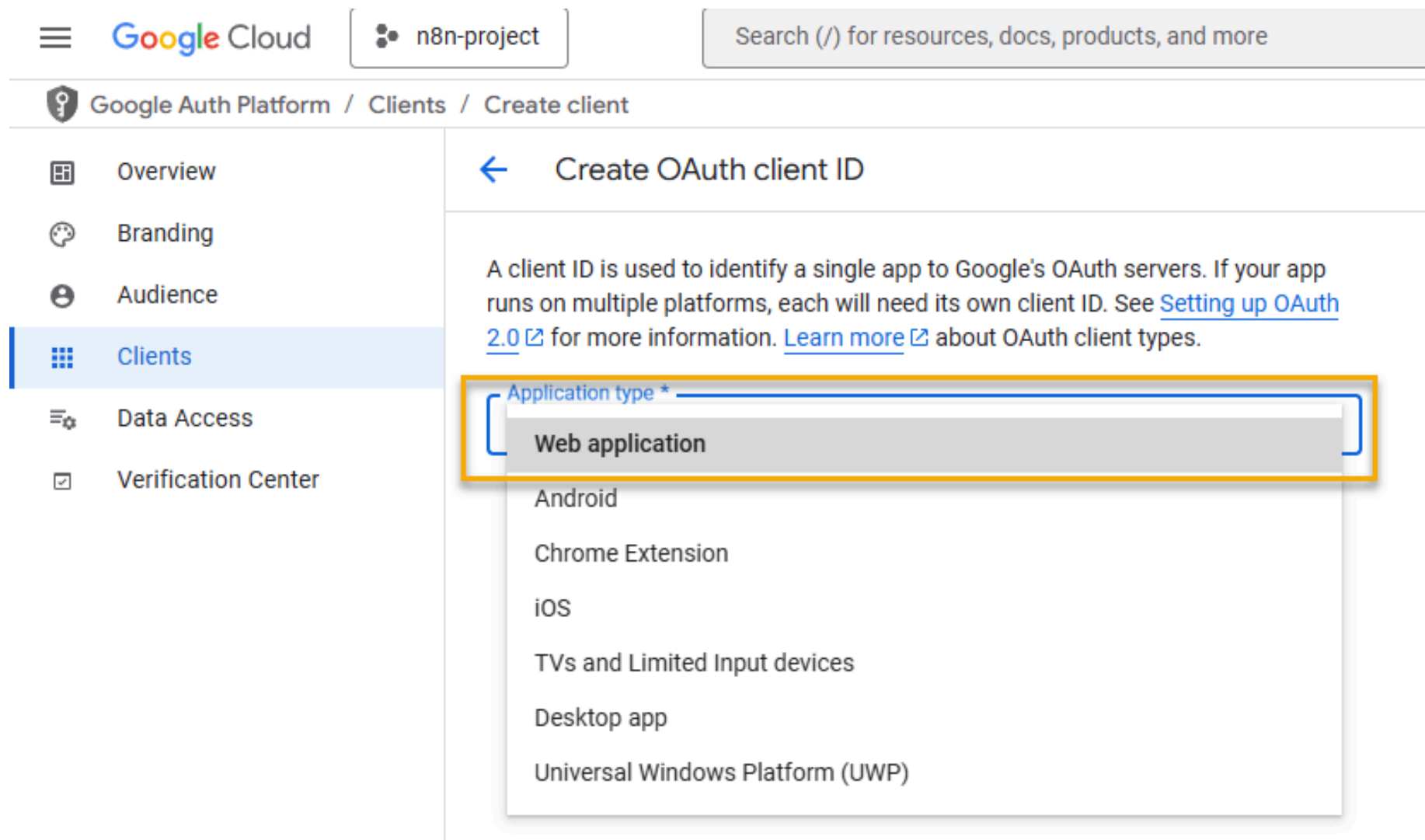
Service account

Enables server-to-server, app-level authentication using robot accounts

Help me choose

Asks a few questions to help you decide which type of credential to use





7

## Authorized redirect URIs ?

For use with requests from a web server

URIs 1 \*  
https://t[REDACTED]io/rest/oauth2-credential/callback

+ Add URI

Note: It may take 5 minutes to a few hours for settings to take effect

Create Cancel

Google Drive account  
Google Drive OAuth2 API

Save X

Connection

Sharing

Details

Need help filling out these fields? [Open docs](#)

Connect using \*

☒ OAuth2 (recommended)

☐ Service Account

OAuth Redirect URL

https://t[REDACTED]io/rest/oauth2-credential/callback [Click To Copy](#)

In Google Drive, use the URL above when prompted to enter an OAuth callback or redirect URL

Client ID \*

Client Secret \*

.....|

Make sure that you have enabled the Google Drive API in the Google Cloud Console. [More info.](#)

i Enterprise plan users can pull in credentials from external vaults. [More info](#)

Google Cloud n8n-project Search (/) for resources, docs, products, and more

Google Auth Platform / Clients / Create client

Overview  
Branding  
Audience  
**Clients**  
Data Access  
Verification Center

### Create OAuth client ID

A client ID is used to identify a single app to Google's OAuth servers. If your app runs on multiple platforms, each will need its own client ID. See [Setting up OAuth 2.0](#) for more information. [Learn more](#) about OAuth client types.

Application type \*  
Web application

Name \*  
Web client 1

The name of your OAuth 2.0 client. This name is only used to identify the client in the console and will not be shown to end users.

**i** The domains of the URIs you add below will be automatically added to your [OAuth consent screen](#) as [authorized domains](#).

#### Authorized JavaScript origins

For use with requests from a browser

+ Add URI

#### Authorized redirect URIs

For use with requests from a web server

URIs 1 \*  
https://[redacted]/rest/oauth2-credential/callback

+ Add URI

Note: It may take 5 minutes to a few hours for settings to take effect

**Create** Cancel

8

Google Cloud n8n-project Search (/) for resources, docs, products, and more

Google Auth Platform / Clients / Create client

Overview  
Branding  
Audience  
**Clients**  
Data Access  
Verification Center

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**i** The domains of the URIs you add below will be automatically added to your [OAuth consent screen](#) as [authorized domains](#).

#### Authorized JavaScript origins

For use with requests from a browser

+ Add URI

#### Authorized redirect URIs

For use with requests from a web server

URIs 1 \*  
https://tpn8n.ap.loclx.io/re

+ Add URI

Note: It may take 5 minutes to a few hours for settings to take effect

**Create** Cancel

Save ค่า Client ID และ Client secret ไว้ใช้ใน n8n

#### OAuth client created

The client ID and secret can always be accessed from Credentials in APIs & Services

**i** OAuth access is restricted to the [test users](#) listed on your [OAuth consent screen](#)

<b>Client ID</b>	69[redacted]820-hk[redacted]28no0u7guklv[redacted]3o.app s.g[redacted]ercontent.com
<b>Client secret</b>	GOCSPX[redacted]kIQ-5VtS[redacted]h2hZ4FkrGg
<b>Creation date</b>	April 16, 2025 at 10:33:15 AM GMT+7
<b>Status</b>	Enabled

Download JSON

OK

9

# ตัวอย่างการ ลงทะเบียน Google Drive ใน n8n

The screenshot shows the 'Google Drive account' setup page for the 'Google Drive OAuth2 API'. The left sidebar has tabs for 'Connection', 'Sharing', and 'Details'. The 'Connection' tab is active. At the top right is a 'Save' button. A yellow warning bar at the top says 'Need help filling out these fields? [Open docs](#)'. Under 'Connect using \*', the 'OAuth2 (recommended)' option is selected. The 'OAuth Redirect URL' field contains a URL with a redacted client ID. A purple callout bubble points to this field with the text 'กรอก Client ID'. The 'Client ID \*' field contains a long alphanumeric string with a redacted secret. A purple callout bubble points to this field with the text 'กรอก Client Secret'. Below these fields is another yellow warning bar: 'Make sure that you have enabled the Google Drive API in the Go...'. At the bottom is a 'Sign in with Google' button. A red callout box with the text 'อย่าลืม Sign in' has a red arrow pointing to the 'Sign in with Google' button. At the very bottom, there is a small informational note about enterprise plan users.

Google Drive account  
Google Drive OAuth2 API

Save

Connection

Sharing

Details

Need help filling out these fields? [Open docs](#)

Connect using \*

☒ OAuth2 (recommended) ☐ Service Account

OAuth Redirect URL

`https://[redacted]/o/rest/oauth2-credential/callback`

In Google Drive, use the URL above when prompted to enter an OAuth callback or redirect URL.

Client ID \*

`69[redacted]8n00d7gukw3vph730.apps.googleusercontent.com`

Client Secret \*

.....

Make sure that you have enabled the Google Drive API in the Go...

อย่าลืม Sign in

Sign in with Google

Enterprise plan users can pull in credentials from external vaults. [More info](#)

10

ย้อนกลับไปยัง n8n

11



อย่าตกใจ ถ้า  
เจอหน้านี้

## Google hasn't verified this app

The app is requesting access to sensitive info in your Google Account. Until the developer ([REDACTED]) verifies this app with Google, you shouldn't use it.

If you're the developer, submit a verification request to remove this screen. [Learn more](#)

[Advanced](#)

BACK TO SAFETY

12



## Google hasn't verified this app

The app is requesting access to sensitive info in your Google Account. Until the developer ([REDACTED].com) verifies this app with Google, you shouldn't use it.

If you're the developer, submit a verification request to remove this screen. [Learn more](#)

[Hide Advanced](#)

BACK TO SAFETY

Continue only if you understand the risks and trust the developer

([REDACTED]).

[Go to loclx.io \(unsafe\).](#)

กด

13

## [REDACTED] wants access to your Google Account



Select what [REDACTED] can access

☒ Select all

- See, edit, create, and delete all of your Google Drive files. [Learn more](#) ☒
- View the photos, videos and albums in your Google Photos. [Learn more](#) ☒
- See, create, and delete its own configuration data in your Google Drive. [Learn more](#) ☒

Make sure you trust loclx.io

[Learn why you're not seeing links to loclx.io's Privacy Policy or Terms of Service](#)

Review loclx.io's Privacy Policy and Terms of Service to understand how loclx.io will process and protect your data.

To make changes at any time, go to your [Google Account](#).

Learn how Google helps you [share data safely](#).

Cancel

Continue

English (United States) ▾

[Help](#) [Privacy](#) [Terms](#)








Connection successful

This window will close automatically in 5 seconds.

# ทำแบบ เดิมกับ Google sheet และ Gmail


 Google Sheets account  
Google Sheets OAuth2 API


 Saved 

Connection

Sharing

Details

 Account connected

Reconnect:  Sign in with Google

Need help filling out these fields? [Open docs](#)

OAuth Redirect URL

https://[REDACTED]/oauth2-credential/callback

In Google Sheets, use the URL above when prompted to enter an OAuth callback or redirect URL


Client ID \*


[REDACTED].com



Client Secret \*

.....

Make sure you enabled the following APIs & Services in the Google Cloud Console: Google Drive API, Google Sheets API. [More info](#).

 Enterprise plan users can pull in credentials from external vaults. [More info](#)


 Gmail account  
Gmail OAuth2 API


 Saved 

Connection

Sharing

Details

 Account connected

Reconnect:  Sign in with Google

OAuth Redirect URL

[REDACTED]rest/oauth2-credential/callback


In Gmail, use the URL above when prompted to enter an OAuth callback or redirect URL

Client ID \*


6[REDACTED]gpleusercontent.com

Client Secret \*

.....

 Enterprise plan users can pull in credentials from external vaults. [More info](#)

Setup guide

Docs 

Configure this credential:

- Log in to your [Google Cloud](#) account.
- Go to [Google Cloud Console / APIs and services](#) and choose the project you want to use from the select at the top left (or create a new one and select it).
- If you haven't used OAuth in this Google Cloud project before, [configure the OAuth consent screen](#).
- In Credentials, select + **CREATE CREDENTIALS** > **OAuth client ID**.
- In the **Application type** dropdown, select **Web application**.
- Under **Authorized redirect URIs**, select + **ADD URI**. Paste in the OAuth redirect URL from n8n.
- Select **Create**.
- In **Enabled APIs and services**, select + **ENABLE APIS AND SERVICES**.
- Select and enable the **Gmail API**.
- Back to Credentials, click on the credential in OAuth 2.0 Client IDs, and on the credential page, you will find the Client ID and Client Secret.

Click the docs link above for more detailed instructions.

Personal

Create Workflow



Workflows

Credentials

Executions

Search credentials...

Sort by last updated



Gmail account

Gmail OAuth2 API | Last updated 4 minutes ago | Created 16 April

Personal



Google Sheets account

Google Sheets OAuth2 API | Last updated 5 minutes ago | Created 16 April

Personal



Google Drive account

Google Drive OAuth2 API | Last updated 7 minutes ago | Created 16 April

Personal



OpenAi account

OpenAi | Last updated 20 hours ago | Created 15 April

Personal

