Configuring ICEGATE Email in IMEXIO: SMTP and Google OAuth Options

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Overview

IMEXIO supports two methods to send ICEGATE-related emails:

1. SMTP: Traditional email server configuration using app-specific passwords.
2. Google OAuth: Secure token-based access to Gmail or Google Workspace accounts.

This guide provides step-by-step instructions to configure email sending from IMEXIO's "*Submit to ICEGATE*" module using either SMTP or Google OAuth.

Select the desired method in the Send Server Type dropdown on the Manage ICEGATE Account screen.

Configuring SMTP

💡 SMTP is ideal for users who prefer direct credentials-based integration. Use the below if you are configuring Gmail account and it allows app-specific passwords.

Enable 2-Step Verification

1. Visit Google Account Settings.

2. Navigate to the **Security** section.

3. Under "How you sign in to Google," enable **2-Step Verification**.
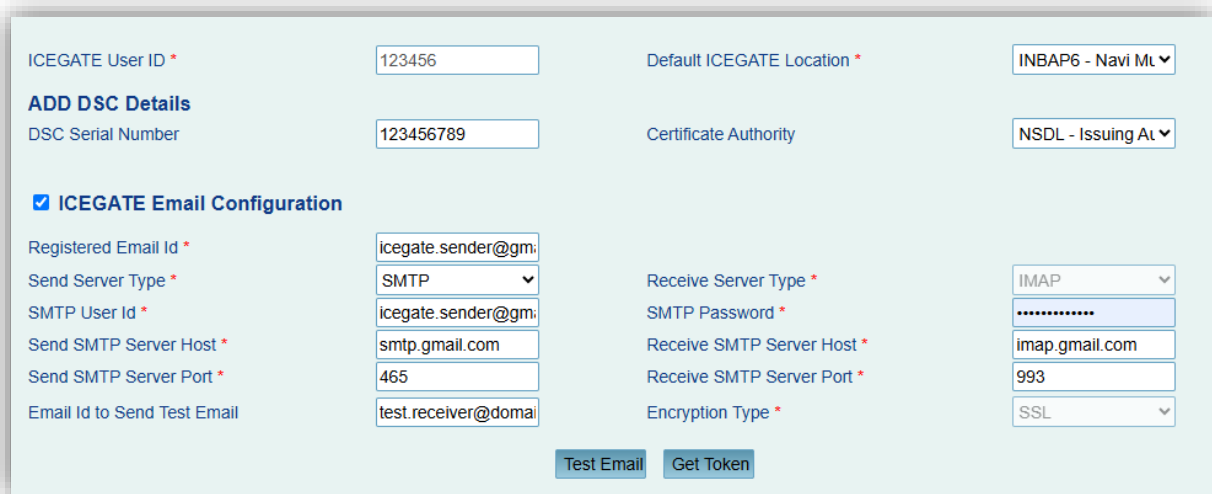
Generate App Password

1. Return to the **Security** section in your Google Account.

2. Click **App Passwords**.

3. Choose:

    o **App**: Mail

    o **Device**: Other (enter "SMTP for IMEXIO")

4. Click **Generate**.

5. Copy the generated app password. You will only see it once.

Enter SMTP Details in IMEXIO

1. In IMEXIO, go to **Administration > Manage ICEGATE Account**.

2. Add or edit an account and enable **ICEGATE Email Configuration**.

3. Select **SMTP** in the **Send Server Type** dropdown.

4. Fill out the form with the values below:

Field	Example / Value
ICEGATE Registered Email Id	icegate.sender@gmail.com
Send Server Type	SMTP
Receive Server Type	IMAP/POP
SMTP User ID	icegate.sender@gmail.com
SMTP Password	App password (from above)
Send SMTP Server Host	smtp.gmail.com
Send SMTP Server Port	587 or 465
Receive SMTP Server Host	imap.gmail.com
Receive SMTP Server Port	993
Email ID to Send Test Email	test.receiver@domain.com
Encryption Type	SSL

5. Click **Send Test Email** to verify the configuration.

6. Refer below screenshot 1.0 of the SMTP configuration screen.

1.0 SMTP CONFIGURATION SCREEN

Troubleshooting (SMTP)

Issue	Solution
App Password not accepted	Ensure 2FA is enabled and you're using the app password
Cannot connect to SMTP	Double-check server, port, and encryption settings
Test email failed	Check Gmail security alerts or allow access via Google settings

Configuring Google OAuth

🔒 Use Google OAuth for more secure, token-based integration — especially helpful for enterprise setups with Gmail or Google Workspace.
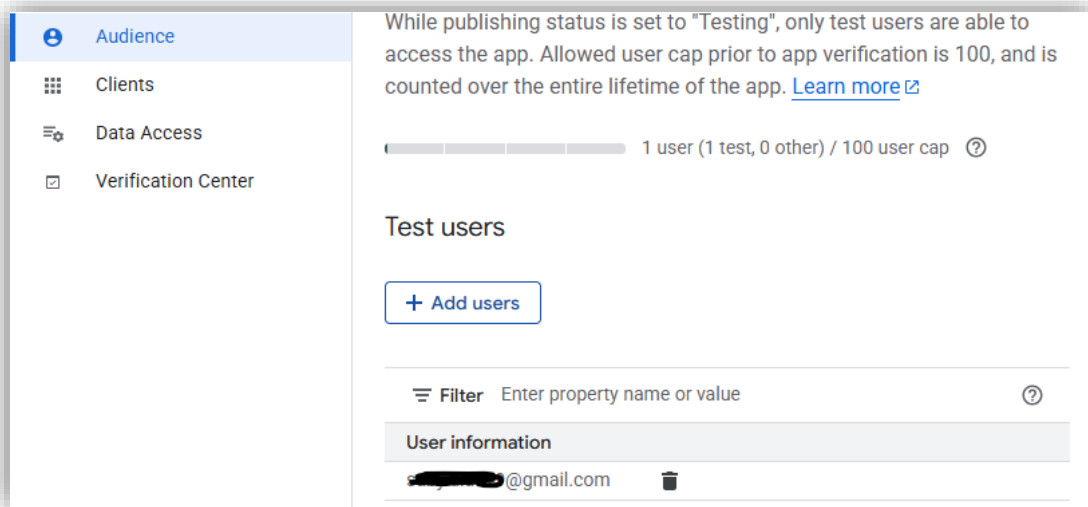
Create OAuth Credentials

1. Go to Google Cloud Console.

2. Create or select a project.

3. Navigate to APIs & Services > Credentials.
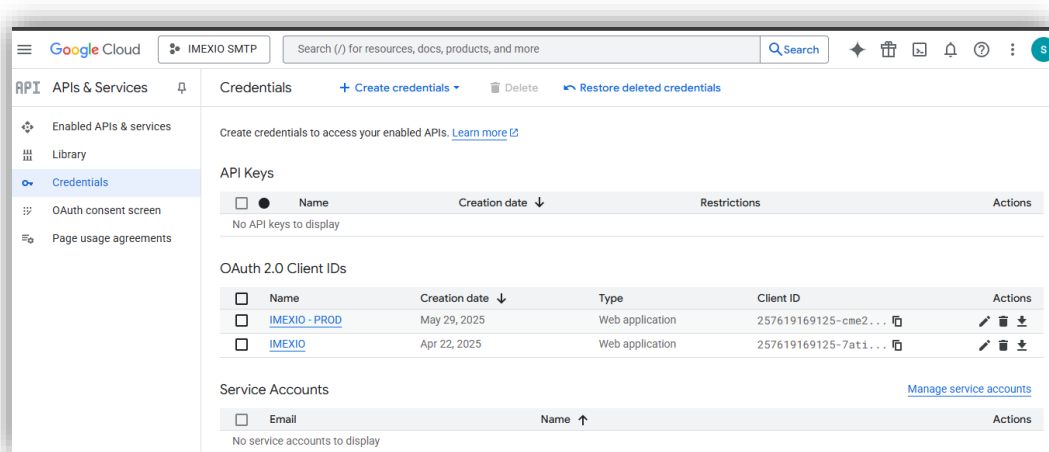
1.1 OAUTH CREDENTIAL CREATION SCREEN

4. Click **Create Credentials > OAuth Client ID**.

5. Choose **Web Application** as Application Type.

6. Enter name of the application. For e.g. IMEXIO-OAuth

7. Add IMEXIO's Authorized redirect URIs: https://imexio.ndml.in/User/OAuthCallback.aspx

8. Click **Create**. Copy and save the **Client ID** and **Client Secret**.

9. Navigate to OAuth consent screen > Audience > Select Testing mode (default).

1.2 OAᴜᴛʜ ᴄᴏɴꜱᴇɴᴛ ꜱᴄʀᴇᴇɴ

10. Under Test Users, click Add Users.

11. Add the email ID from which emails will be sent and click Save.

12. Refer below screenshot 1.1 & 1.2 of the **OAuth credential creation & consent screen**

13. Enable Google APIs

   a) From the left menu, navigate to APIs & Services > Enabled APIs & services. (Refer image 1.3)
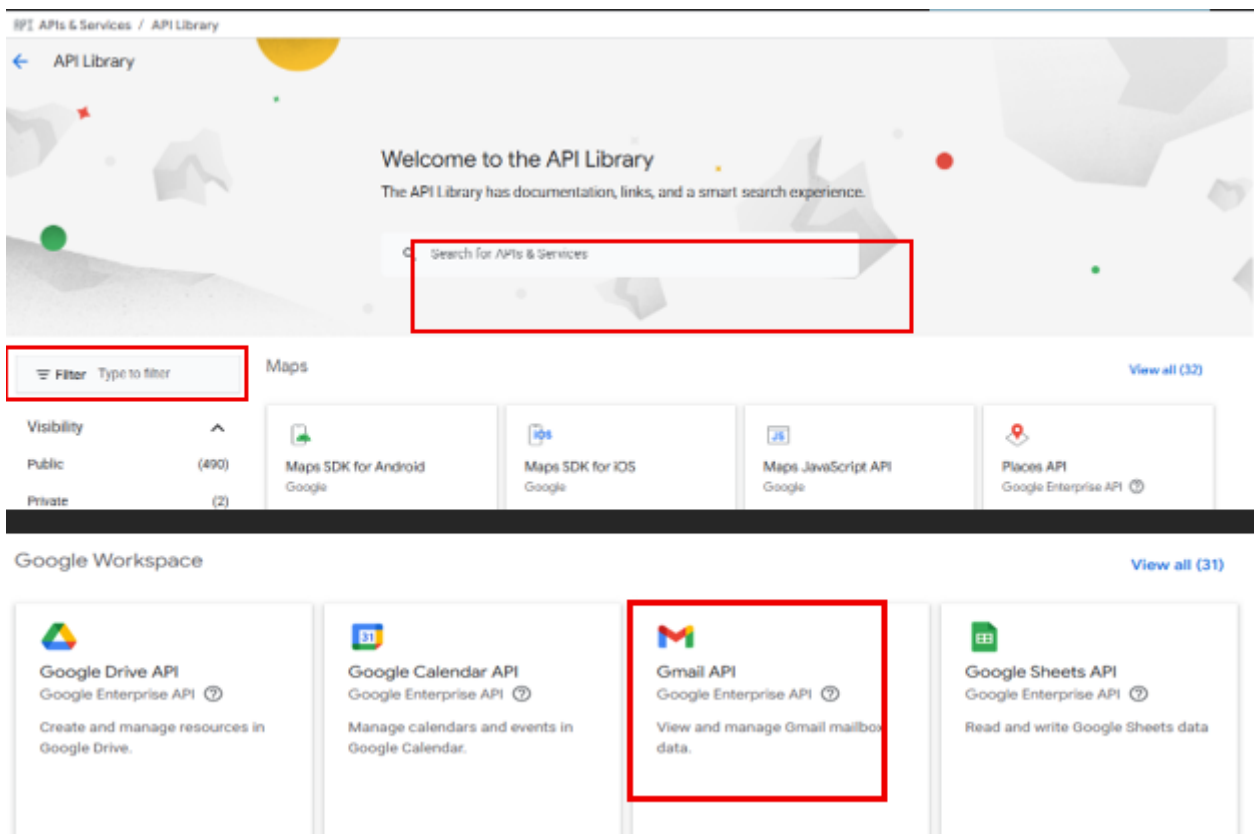

1.3 Eɴᴀʙʟᴇ APIꜱ & Sᴇʀᴠɪᴄᴇꜱ
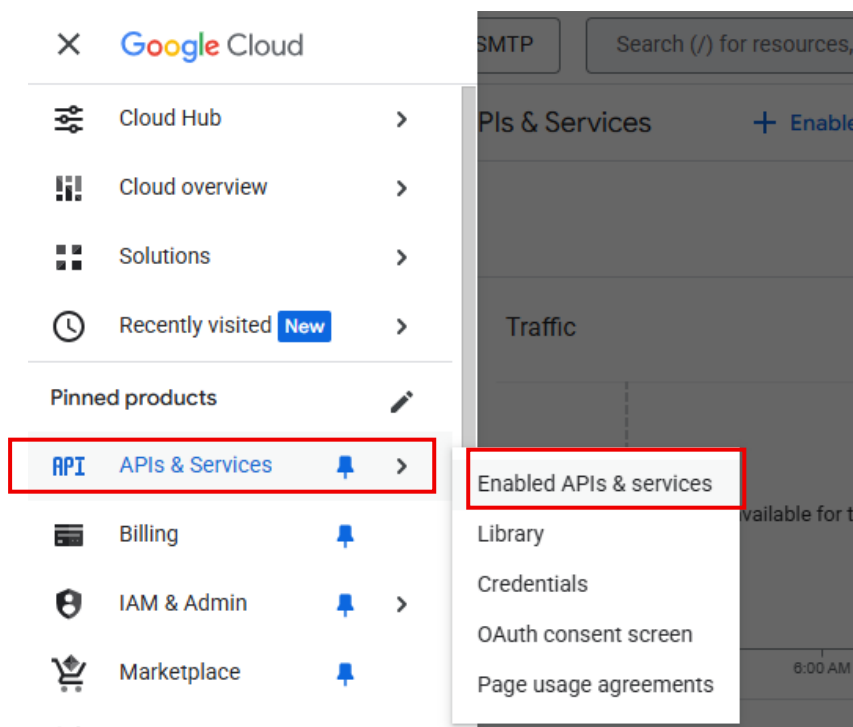
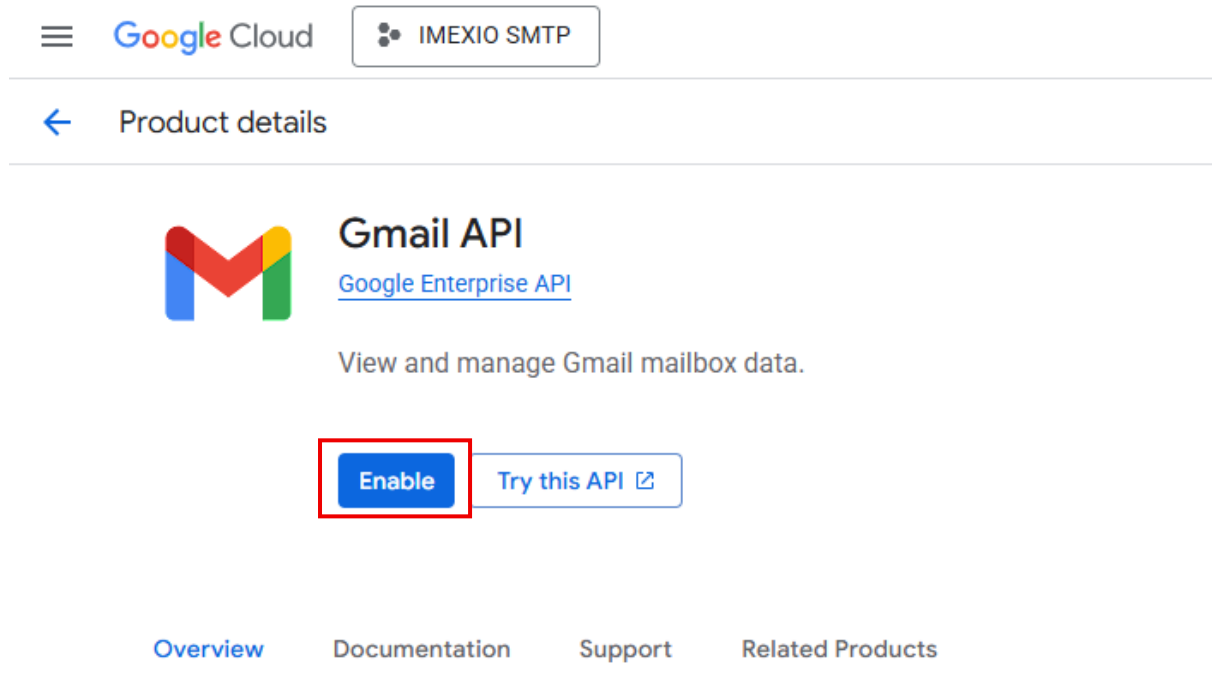b) Click + ENABLE APIS AND SERVICES at the top. (Refer image 1.4)
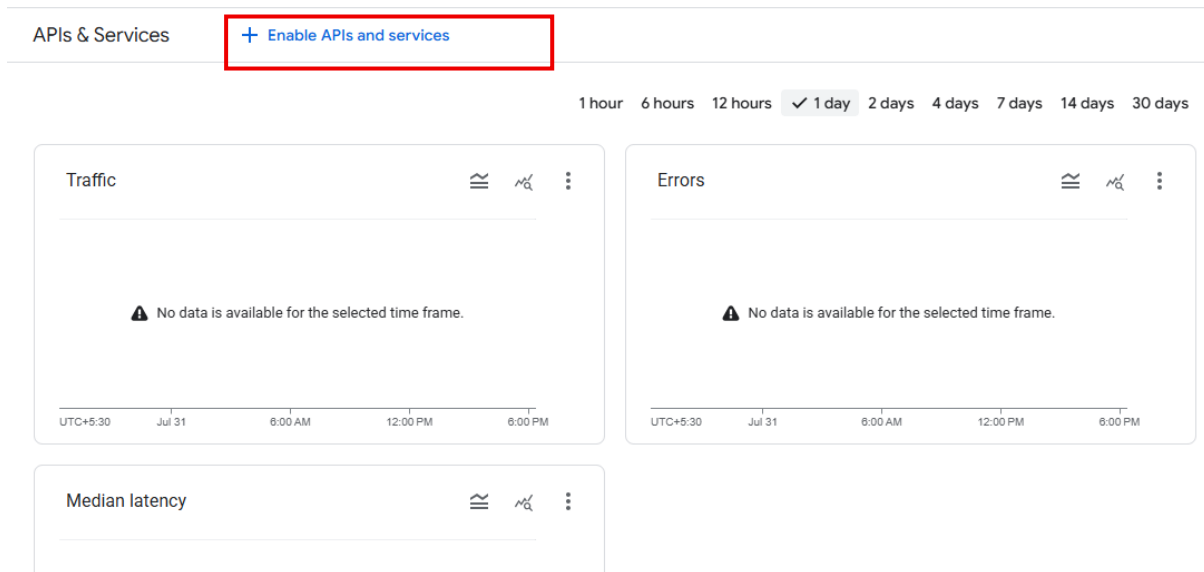
1.4 CLICK ON ENABLE APIS & SERVICES

c) Search for Gmail API or use filter. (Refer image 1.5)
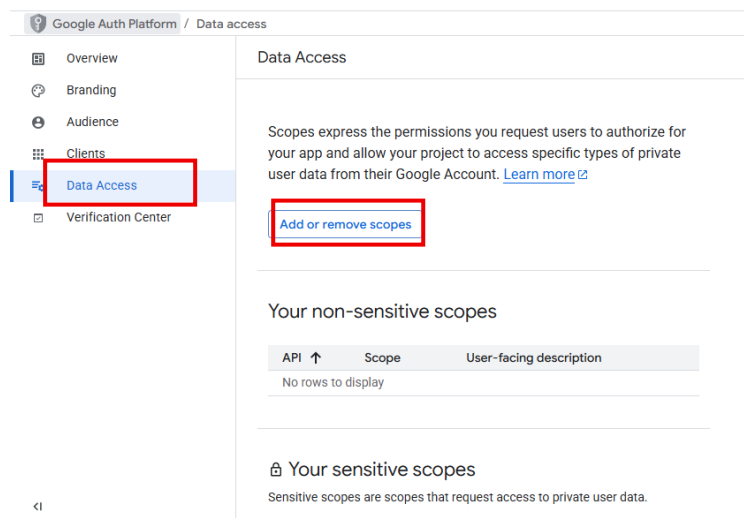

1.5 SEARCH OR FILTER GMAIL API

d) Select it and click Enable. (Refer image 1.6)

1.6 SELECT AND ENABLE API

14. Add Required Scopes under Data Access
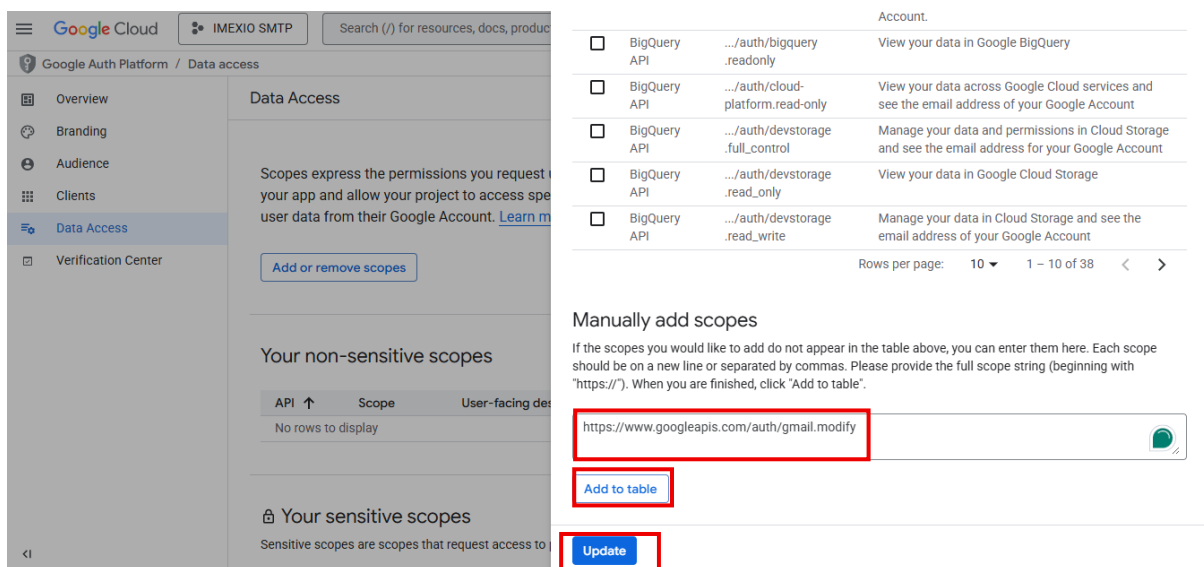
    a) In the Google Cloud Console, go to APIs & Services > OAuth consent screen.

    b) Click on Data Access (Refer image 1.7)

    c) Click Add or Remove Scopes. (Refer image 1.7)

1.7 DATA ACCESS & ADD OR REMOVE SCOPES

d) In the Manually add scopes text box, paste the following links one by one and click Add to table and update: (Refer image 1.8)

- https://www.googleapis.com/auth/gmail.modify (Paste and Add to table)

- https://www.googleapis.com/auth/gmail.send (Paste and Add to table)
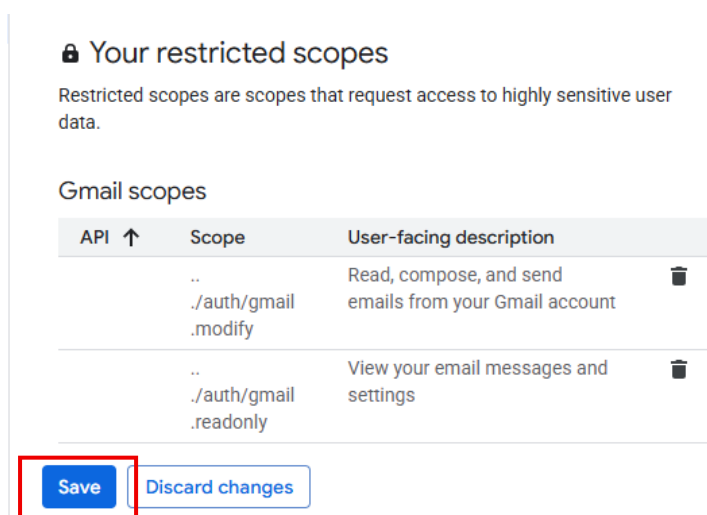
- https://www.googleapis.com/auth/gmail.readonly (Paste and Add to table)

1.8 ADD EACH SCOPE TO THE TABLE

e) Review and save the scopes are listed under Your project's scopes. (Refer image 1.9)
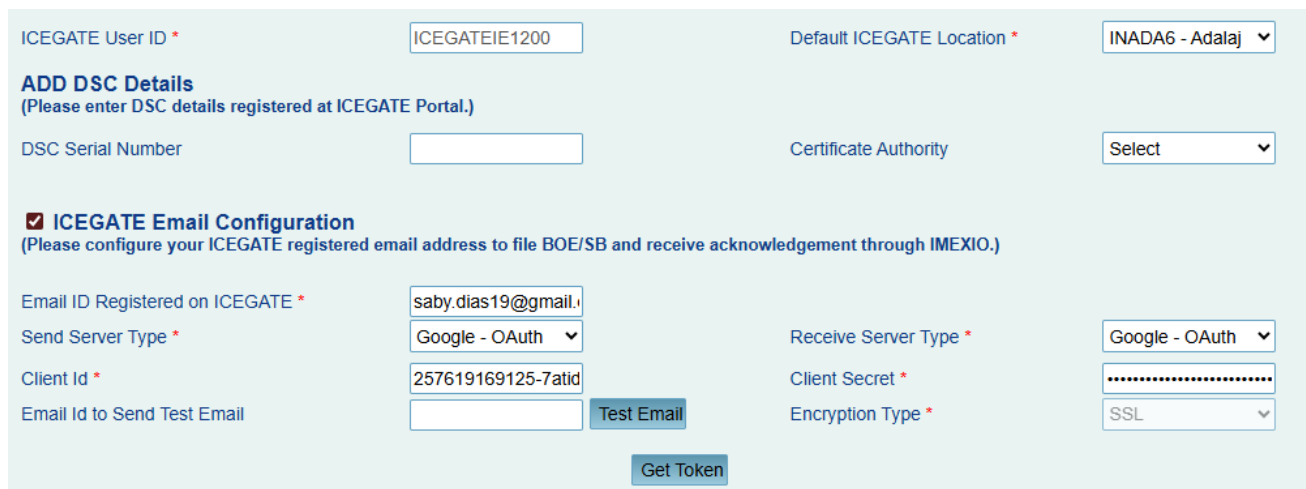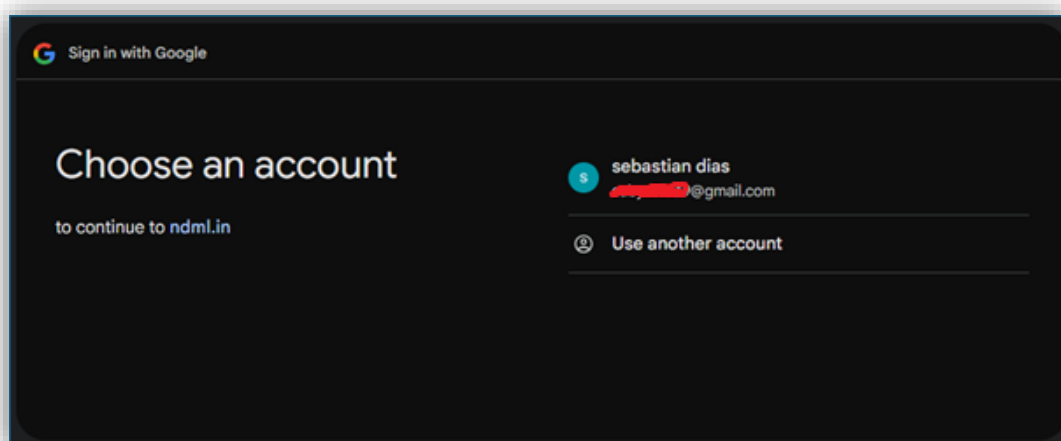

1.8 REVIEW & SAVE SCOPE

Connect Google Account to IMEXIO

1. In IMEXIO, go to **Administration > Manage ICEGATE Account**.

2. Enable **ICEGATE Email Configuration**.

3. Select **Google OAuth** in the **Send Server Type** dropdown.

4. Enter the **Client ID** and **Client Secret**.

| ICEGATE User ID * | ICEGATEIE1200 | Default ICEGATE Location * | INADA6 - Adalaj ⌄ |

ADD DSC Details
(Please enter DSC details registered at ICEGATE Portal.)

| DSC Serial Number | | Certificate Authority | Select ⌄ |

☑ **ICEGATE Email Configuration**
(Please configure your ICEGATE registered email address to file BOE/SB and receive acknowledgement through IMEXIO.)

Email ID Registered on ICEGATE *	saby.dias19@gmail.		
Send Server Type *	Google - OAuth ⌄	Receive Server Type *	Google - OAuth ⌄
Client Id *	257619169125-7atid	Client Secret *	••••••••••••••••••
Email Id to Send Test Email	[ ] Test Email	Encryption Type *	SSL ⌄

Get Token
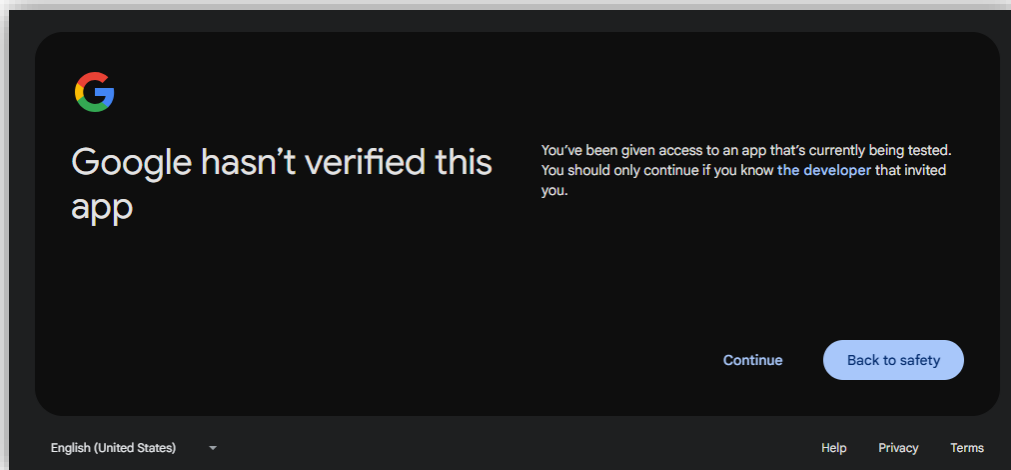
2.1 GOOGLE OAUTH CONFIGURATION SCREEN

5. Click **Get Token**.

6. Sign in with your Google account. If you have signed in, choose the account.


G Sign in with Google

Choose an account

to continue to ndml.in

S sebastian dias
●●●●●●●●●@gmail.com

⊚ Use another account

2.2 CHOOSE ACCOUNT

7. You will be navigated to Google verification screen, click on continue.

2.3 VERIFICATION SCREEN

8. Grant IMEXIO the required permissions.

9. You'll be redirected back to IMEXIO with the token captured.

10. Refer below screenshot of **Google OAuth permission screen.**
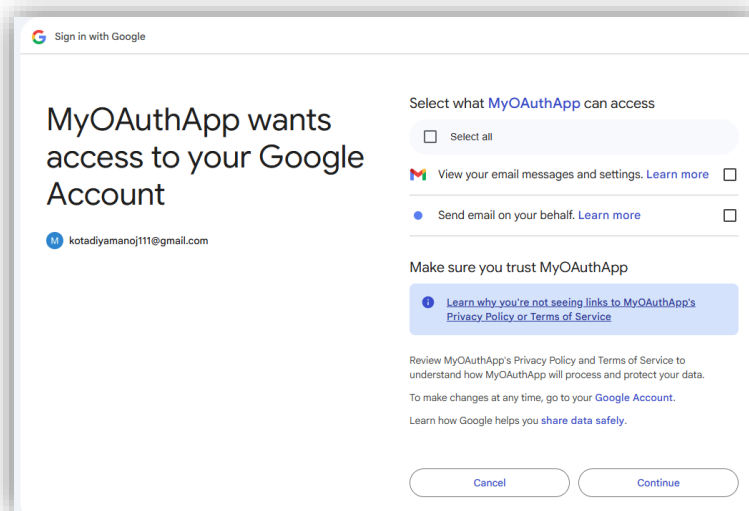
2.4 GOOGLE OAUTH PERMISSION SCREEN.

Test the Email Setup

1. Enter a test email in the **Test Email** field.

2. Click **Send Test Email** to verify.

Troubleshooting (OAuth)

Version: 1.0   Internal

Issue	Solution
Popup blocked	Enable pop-ups for IMEXIO in your browser
Access denied	Ensure correct account is selected and permissions are granted
Token not saved	Verify redirect URI and credentials
Token expired	Re-authenticate manually in IMEXIO

Need Help?

For assistance, please contact the IMEXIO Support Team:

- 📧 Email: imexio-helpdesk@ndml.in

- 📞 Phone: +91 **022 49142550/44/51/52/56/63**