



Graph API Email

Configuring Microsoft Graph Mail Driver

What is Microsoft Graph

Microsoft Graph is a unified RESTful API endpoint that acts as a gateway to access data and services across Microsoft 365, including Outlook, OneDrive, SharePoint, Teams, and more. It allows developers to interact with Microsoft 365 services in a consistent, modern way. This makes it possible to send emails directly via Microsoft Graph, bypassing SMTP entirely.

Prerequisites Requirements

Before it can be used to send emails, a few prerequisites are required.

- Access to create a Microsoft Entra Application for your organisation
- Claromentis version 10.4.4, 9.11.7 or above

Step 1: Creating a Microsoft Entra Application

On this next step, we will be creating a new Microsoft Entra Application so the Microsoft Graph can connect to the application.

1. Go to <https://entra.microsoft.com/>

2 Sign in using the Microsoft Azure / Entra / Office 365 that has permission to create Entra application

3. Go to **Applications** and click **New Registration**

Home > App registrations

+ New registration Endpoints Troubleshoot Refresh Download Preview features Got feedback?

Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure Active Directory Graph. We will continue to provide feature updates. Applications will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph. [Learn more](#)

All applications Owned applications Deleted applications

Start typing a display name or application (client) ID to filter these results Add filters

26 applications found

Display name	Application (client) ID
Charlie 813 SSO	b99f2b8e-f873-4ad5-b423-657f5...
Charlie Marketplace Test	7dcbed4d-5a29-416c-a54b-32fc...
Claro University Sign-in	71e46417-709b-4c83-8af7-94d8...
claro9 test	f964a13c-cca4-4d44-b1b9-183af...
claro90	2b927be8-1ae7-4913-a7bf-90cb...

4. Complete the form

Name: {mysystem.myintranet.com} Graph Email

Supported account types: Select appropriate types for your organisation

Leave the URL redirect empty

Home > App registrations >

Register an application ...

* Name

The user-facing display name for this application (this can be changed later).

Liam's Microsoft Graph

✓

Supported account types

Who can use this application or access this API?

☒ Accounts in this organizational directory only (Claromentis Ltd only - Single tenant)

☐ Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant)

☐ Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)

☐ Personal Microsoft accounts only

[Help me choose...](#)

Redirect URI (optional)

We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be changed later, but a value is required for most authentication scenarios.

Select a platform ▼

e.g. https://example.com/auth

Register an app you're working on here. Integrate gallery apps and other apps from outside your organization by adding from [Enterprise applications](#).

Keep this empty

By proceeding, you agree to the [Microsoft Platform Policies](#)

Register

5. Take a copy of the following IDS

- Application (client) ID
- Object ID
- Directory (tenant) ID

Search

Delete Endpoints Preview features

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Authentication (Preview)

Certificates & secrets

Token configuration

API permissions

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App roles

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Essentials

Display name : Liam's Microsoft Graph

Application (client) ID : 6c2e1d1e-1d1e-4d1e-1d1e-1d1e1d1e1d1e1

Object ID : 7c2e1d1e-1d1e-4d1e-1d1e-1d1e1d1e1d1e1

Directory (tenant) ID : 3e2e1d1e-1d1e-4d1e-1d1e-1d1e1d1e1d1e1

Supported account types : My organization only

Client credentials : Add a certificate or secret

Redirect URIs : Add a Redirect URI

Application ID URI : Add an Application ID URI

Managed application in L... : Liam's Microsoft Graph

State : Activated

Welcome to the new and improved App registrations. Looking to learn how it's changed from App registrations (Legacy)? [Learn more](#)

Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure Active Directory Graph. We will continue to provide technical support and security updates but we will no longer provide feature updates. Applications will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph. [Learn more](#)

Get Started

Documentation

6. In Claromentis, Navigate To ClaromentisAdmin > System > Mail

Click the Mail Driver dropdown, and you should see a new option

Server type

Microsoft Graph

raph API

SMTP

ID used f

Sendmail

SendGrid

Te PHP mail()

D associ

File

Microsoft Graph

Paste the value into the matching fields

Outgoing Mail Configuration

This configuration affects all outgoing email messages from Claromentis. Changes to configuration take effect in
We recommend thoroughly testing connection details before changing them.

Server type
Microsoft Graph
Sends emails using the Microsoft Graph API through a Microsoft Entra Application

Client ID *

The Microsoft Entra Application (Client) ID used for authentication

Object ID *

The Microsoft Entra Application (Object) ID used for verifying

Tenant ID *

The Microsoft Entra Directory (Tenant) ID associated with the application

Client Secret ⓘ *

The client secret generated for your Microsoft Entra ID Application

User Principal Name *

The User Principal Name (UPN) of the internal Microsoft 365 user whose mailbox will be used to send emails

Scopes

The API permissions (scopes) requested by the application

https://graph.microsoft.com/default

Save Test connection

Step 2: Creating Client Secret

1. In Microsoft Entra, click Add a certificate or secret

^ Essentials

Display name : [Liam's Microsoft Graph](#)

Application (client) ID : [REDACTED]

Object ID : [REDACTED]

Directory (tenant) ID : [REDACTED]

Supported account types : [My organization only](#)

Client credentials : [Add a certificate or secret](#)

Redirect URIs : [Add a Redirect URI](#)

Application ID URI : [Add an Application ID URI](#)

Managed application in I... : [Liam's Microsoft Graph](#)

State : Activated

2. Create a new client secret

Application registration certificates, secrets and federated credentials can be found in the tabs below.

Certificates (0) **Client secrets (0)** Federated credentials (0)

A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password.

+ New client secret

Description	Expires	Value ⓘ	Secret ID
-------------	---------	---------	-----------

No client secrets have been created for this application.

Add a client secret

Description

Expires

Description: {mysystem.myintranet.com} Client Secret

Expires: Decided how long the client secret is valid for, remember you may need to renew this after its expired.

3. In Claromentis, Navigate To Claromentis **Admin > System > Mail > Microsoft Graph**

Paste the value to the Client's secret

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Step 3: Add Microsoft Graph Permission

We now need to add the 'Mail.Send' permission to allow Microsoft Graph to use this API.

1. Click **API permissions** > **Add a permission**:

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Manifest

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New support request

Granting tenant-wide consent may revoke permissions that have already been granted tenant-wide for that application. Permissions that users have already granted on their own behalf aren't affected. [Learn more](#)

The "Admin consent required" column shows the default value for an organization. However, user consent can be customized per permission, user, or app. This column may not reflect the value your organization, or in organizations where this app will be used. [Learn more](#)

Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. [Learn more about permissions and consent](#)

Add a permission

Grant admin consent for Claromentis Ltd

API / Permissions name	Type	Description	Admin consent requ...	Status
Microsoft Graph (1)				
User.Read	Delegated	Sign in and read user profile	No	

To view and manage consented permissions for individual apps, as well as your tenant's consent settings, try [Enterprise applications](#).

2. Select **Microsoft Graph**

Request API permissions

Select an API

Microsoft APIs APIs my organization uses My APIs

Commonly used Microsoft APIs



Microsoft Graph

Take advantage of the tremendous amount of data in Office 365, Enterprise Mobility + Security, and Windows 10. Access Microsoft Entra ID, Excel, Intune, Outlook/Exchange, OneDrive, OneNote, SharePoint, Planner, and more through a single endpoint.

3. Add the **Mail.Send** permission:

Mail (1)

<input type="checkbox"/>	Mail.Read ⓘ Read user mail	No
<input type="checkbox"/>	Mail.Read.Shared ⓘ Read user and shared mail	No
<input type="checkbox"/>	Mail.ReadBasic ⓘ Read user basic mail	No
<input type="checkbox"/>	Mail.ReadBasic.Shared ⓘ Read user and shared basic mail	No
<input type="checkbox"/>	Mail.ReadWrite ⓘ Read and write access to user mail	No
<input type="checkbox"/>	Mail.ReadWrite.Shared ⓘ Read and write user and shared mail	No
<input checked="" type="checkbox"/>	Mail.Send ⓘ Send mail as a user	No
<input type="checkbox"/>	Mail.Send.Shared ⓘ Send mail on behalf of others	No

4. Go back to **API permissions**

5. Click **"Grant admin consent for {YourCompany}"**

Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. [Learn more about permissions and consent](#)

+ Add a permission

☒ Grant admin consent for Claromentis Ltd

API / Permissions name	Type	Description	Admin consent requ...	Status
Microsoft Graph (2)				
Mail.Send	Application	Send mail as any user	Yes	⚠ Not granted for Clarom... ⋮
User.Read	Delegated	Sign in and read user profile	No	✅ Granted for Claromentis... ⋮

This grants the application consent to use the newly added permission

Step 4: User Principal Name (as sender)

This step is finding the user's Principal Name, which is usually in the email format, to act as a verified email sender

1. Go to the **Users** page, find the user you wish to act as the **sender**, and copy the **User Principal Name**:

The screenshot shows the Microsoft Entra ID 'Users' page. On the left sidebar, 'Users' is selected. The main content area shows the details for a user named 'Claro Mentis'. A red box highlights the 'Users' link in the sidebar, and a red arrow points from it to the 'User principal name' field in the user's details, which contains the value 'claromentisltd@claromentis.tech'.

2. Copy the value into Claromentis

Navigate To Claromentis **Admin > System > Mail > Microsoft Graph**

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Save

Test connection

3. Update the Claromentis System Email

Navigate to **Admin > System > General**

Site Settings

System Email

claromentisltd@claromentis.tech

The address from which to send outgoing emails

System Name

My Company Intranet

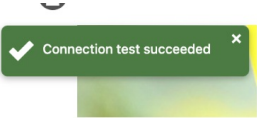
The name to display in the "From" field of outgoing emails

Step 5: Testing & Troubleshooting

1. Testing Connection

Navigate to Claromentis **Admin > System > Mail > Microsoft Graph**

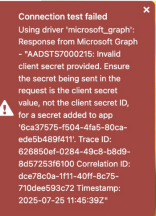
Click on "Test Connection" - You should see a growl notification confirming a successful connection



Error: Connection test failed

Possible causes

- Incorrect client secret
- Expired client secret



2. Testing Email Delivery

Navigate to **Admin > Labs**

Test by sending an email notification to a user

Send test notification

Target

☒ User

☐ Email

Notification type

☒ Email

☐ In-system

☒ Push

Select user

Browse

Send notification