
# IMTLazarus Integration with Microsoft Azure

# Introduction

The purpose of this document is to provide the necessary steps to integrate IMTLazarus with Microsoft Azure.

### Steps to Follow

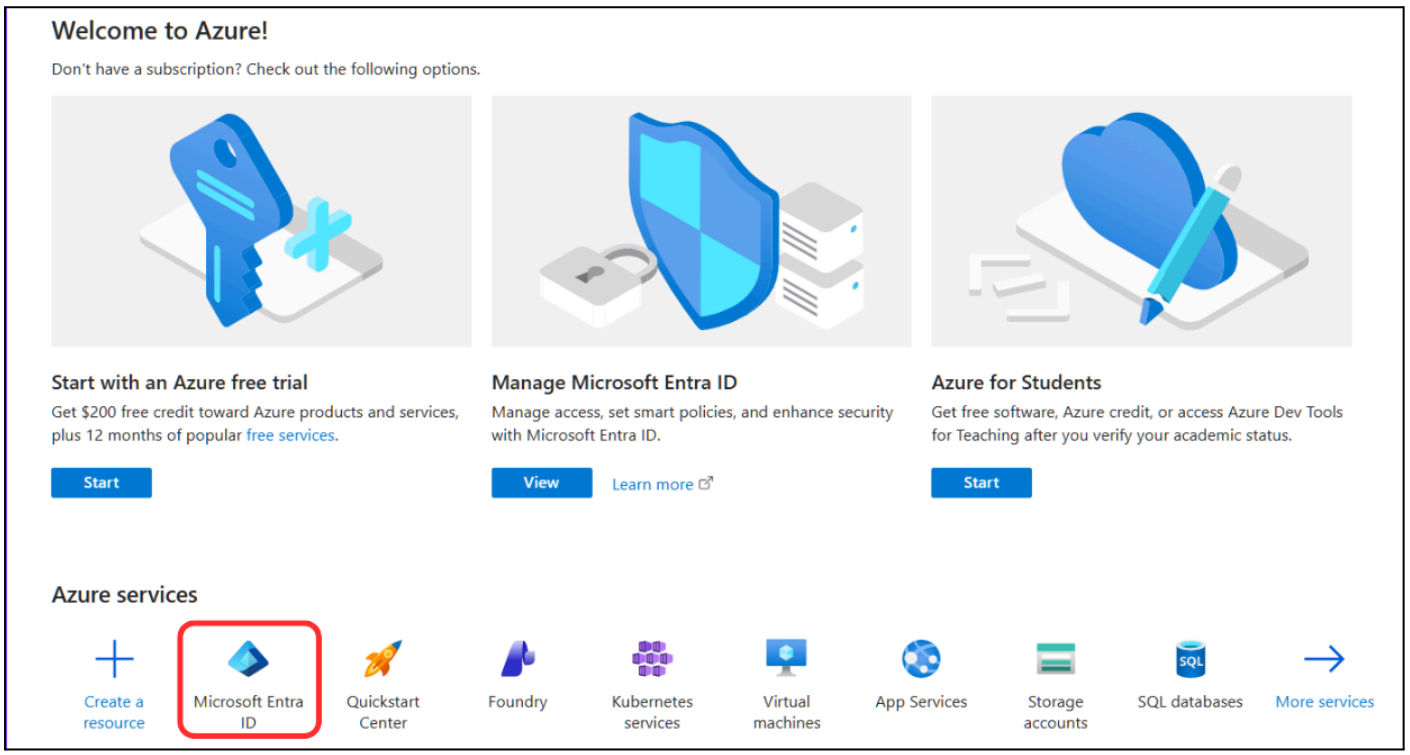
To enable the integration with Microsoft, the following requirements are needed:

- An IMTLazarus account with Administrator permissions.
- An account with access to the Microsoft Tenant.

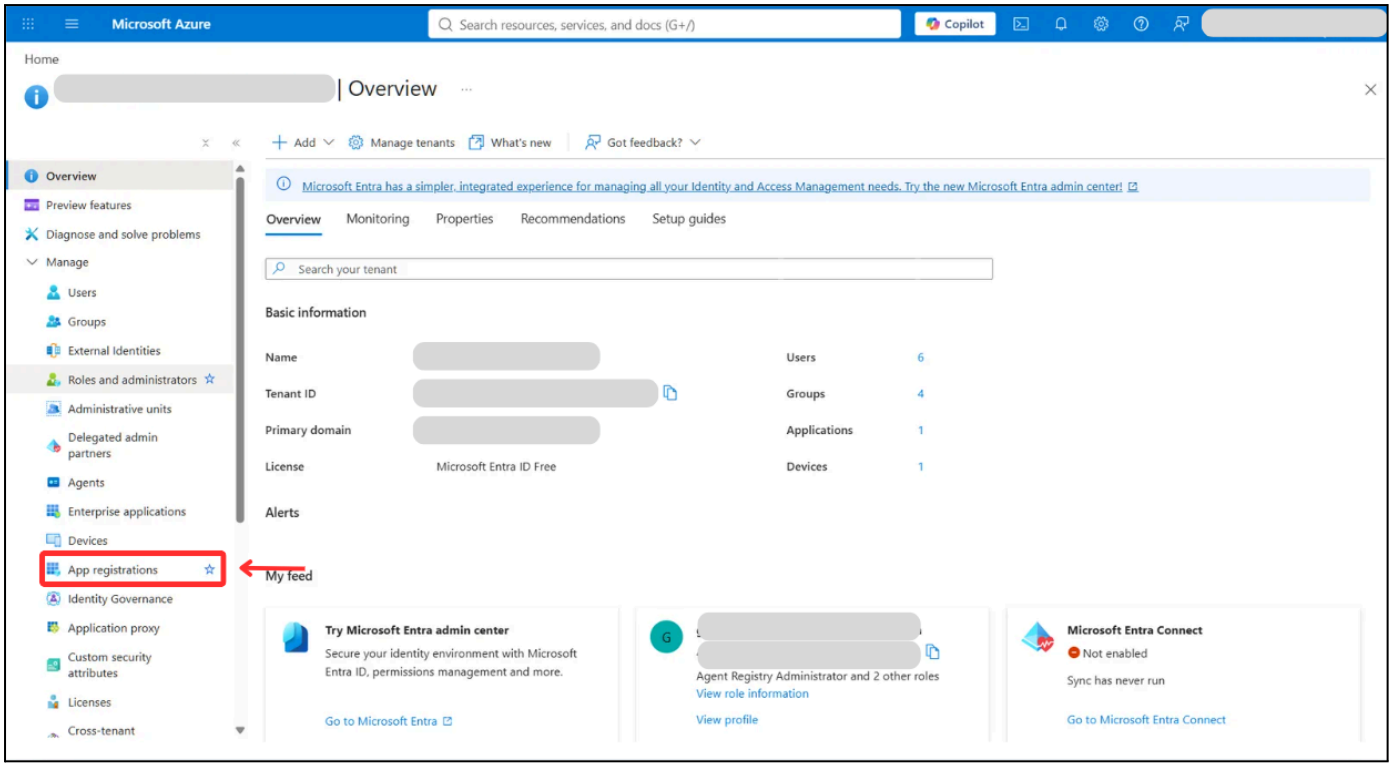
### Step 1

Access the Azure portal using an Administrator account through the following link: https://portal.azure.com/

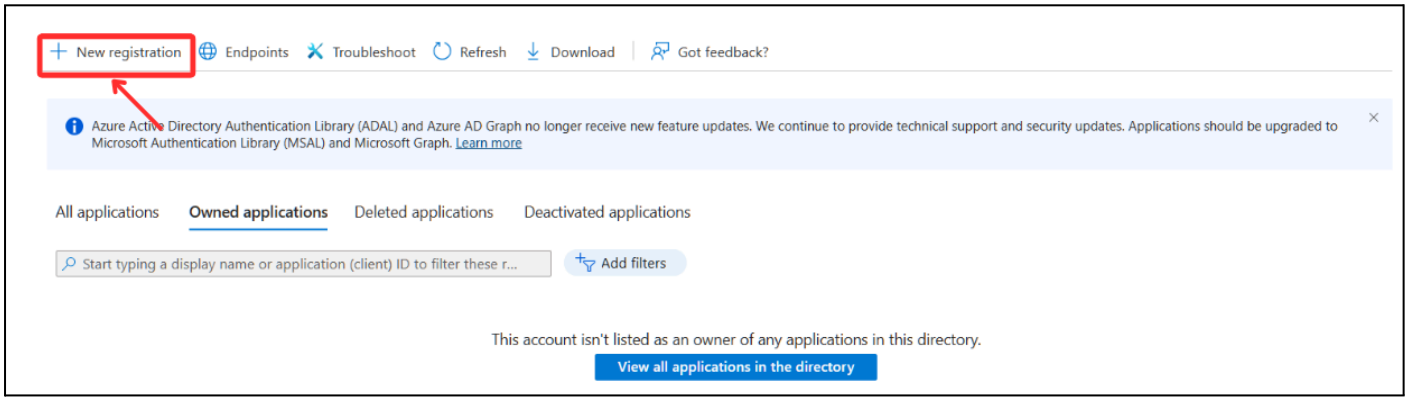
Once logged in, you will see a screen similar to the one below. Click on: **Azure Services** → **Microsoft Entra ID**



On the next screen, click on ***Manage → App registrations.***

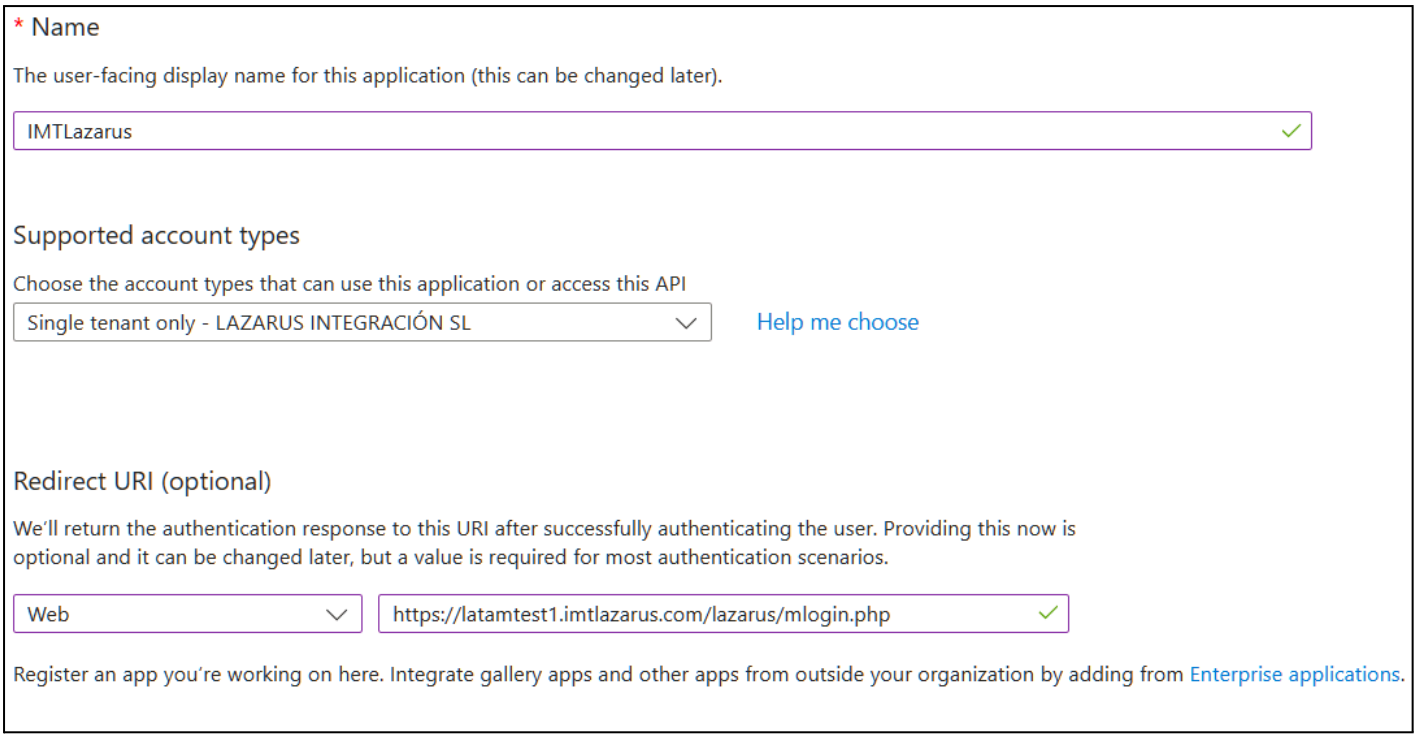



You will see a list of registered applications, if any exist. Click on **New registration**.



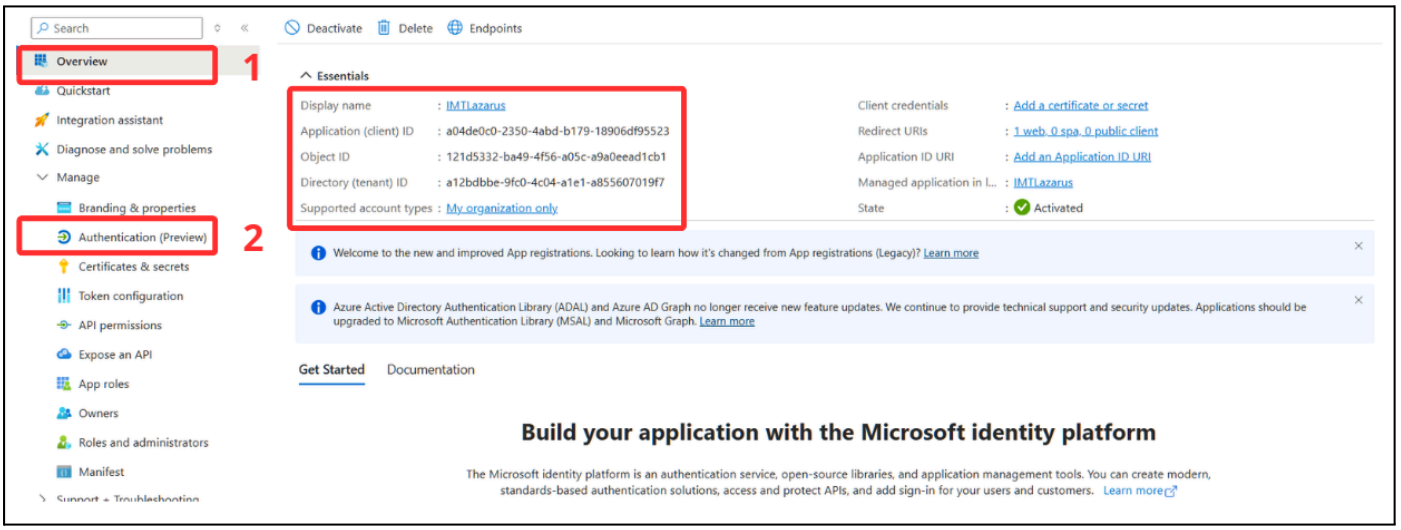

**It is very important to complete the following fields correctly:**

- **Name:** *IMTLazarus* (this is optional, but it is recommended to use this name).
- **Supported account types: MANDATORY** – Select the **first option**, **"Single tenant only: [ORGANIZATION]"**.
- **Redirect URI:** `https://XXXXX.imtlazarus.com/lazarus/mlogin.php`
  (*Replace XXXXX with your IMTLazarus tenant name.*)
- **Redirect URI 2:**
  `https://internal.imtlazarus.com/lazarus/api/ios-multiuser-login/mlogin.php`
  (*This URI enables multiple students to use the same iPad device while applying each student's corresponding settings and configurations.*)



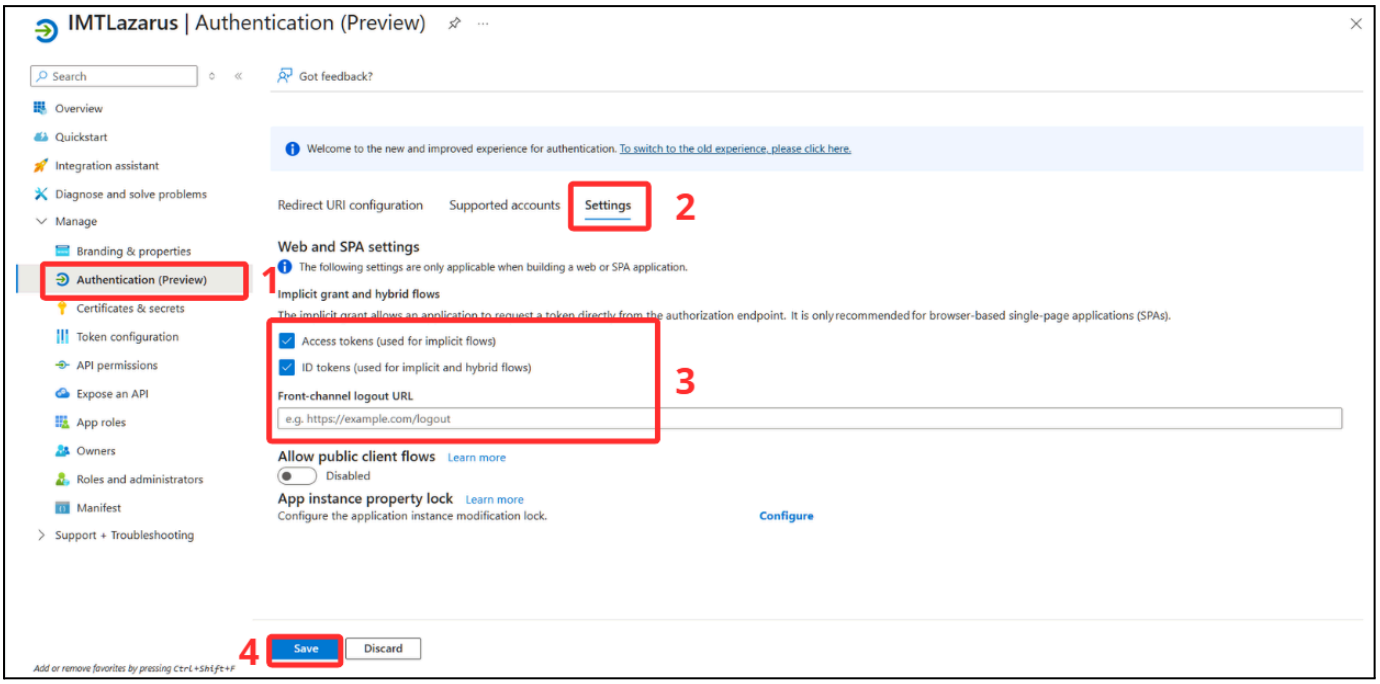

Once all the information has been entered, click on **Register.**

After the application registration is complete, an information screen will be displayed. We will need the **Application (client) ID** and the **Directory (tenant) ID** later in the process, so please copy and save these values in a temporary document.

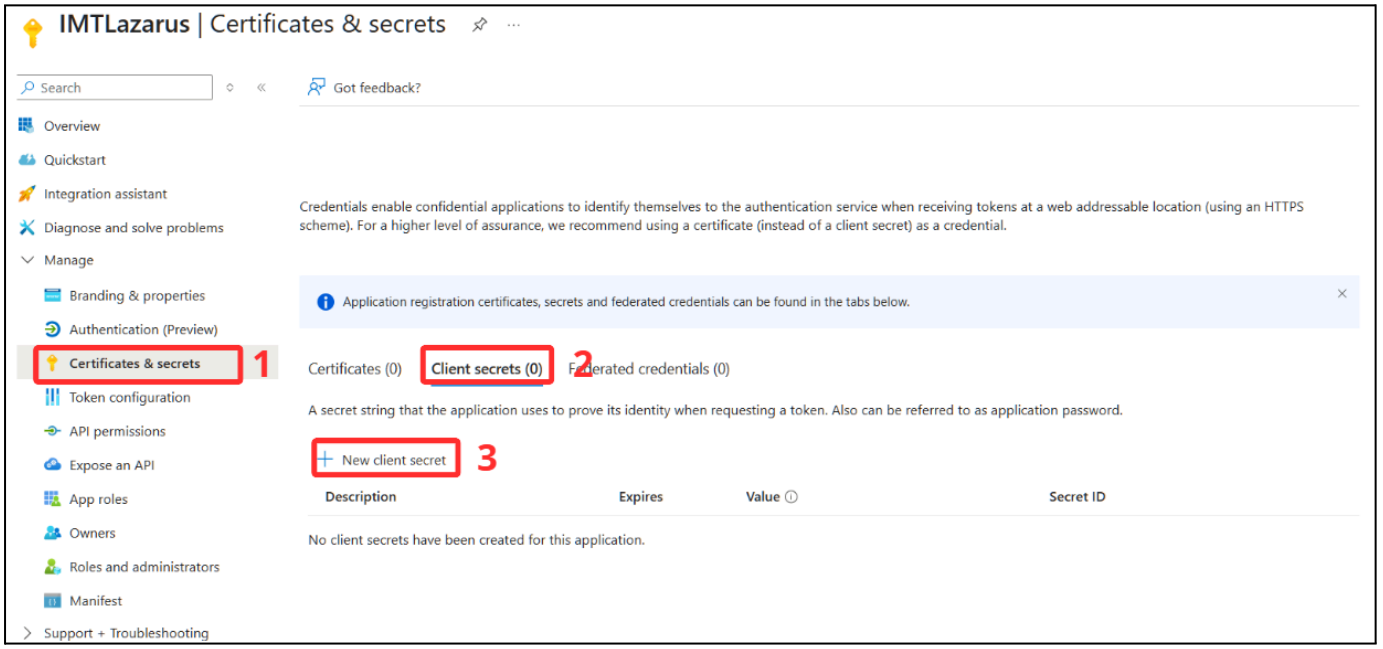



Next, click on **Authentication.**

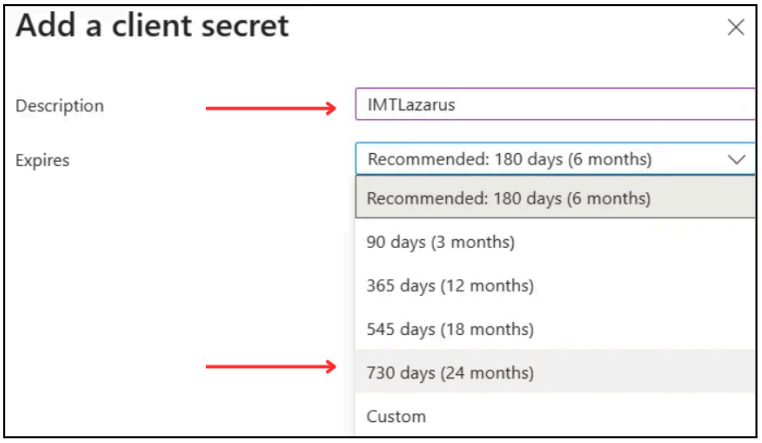
In the ***Authentication* section**, click on ***Settings* and** enable the following two options: **Access tokens and ID tokens.** Check both boxes and then click **Save.**



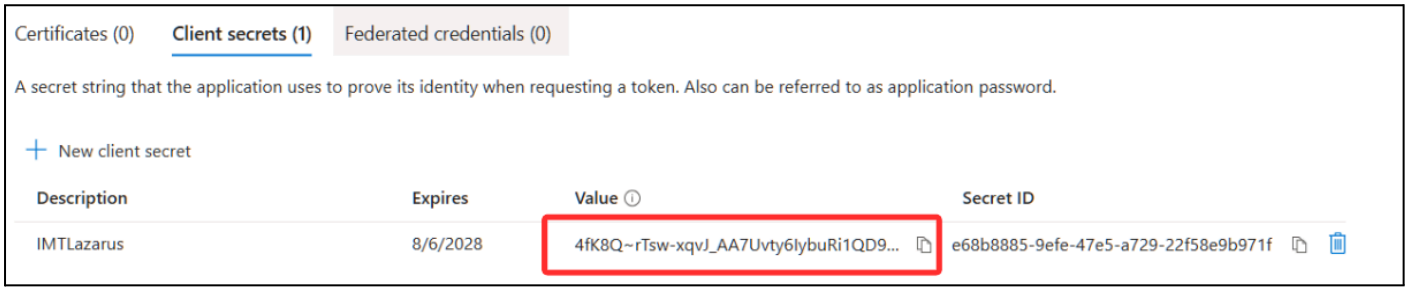

Finally, navigate to **Certificates & secrets** and click on **New client secret.**




For the Description, enter **IMTLazarus**, and set the **expiration period to the maximum duration** available. Then, click **Add.**

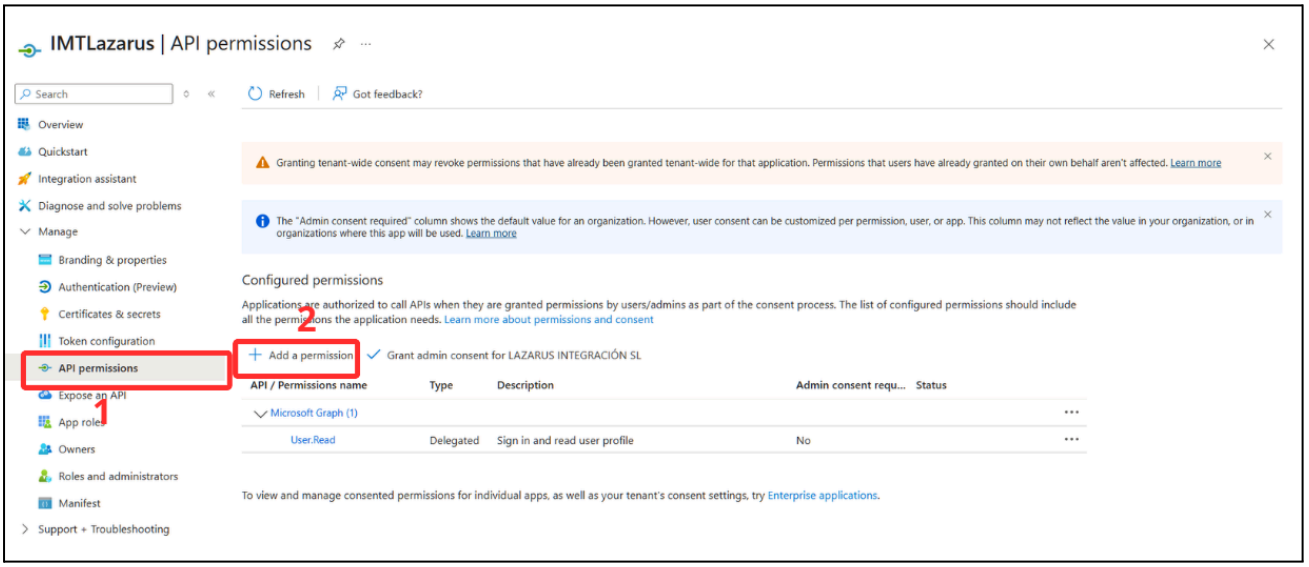



*The new client secret will now appear in the list of configured secrets.*

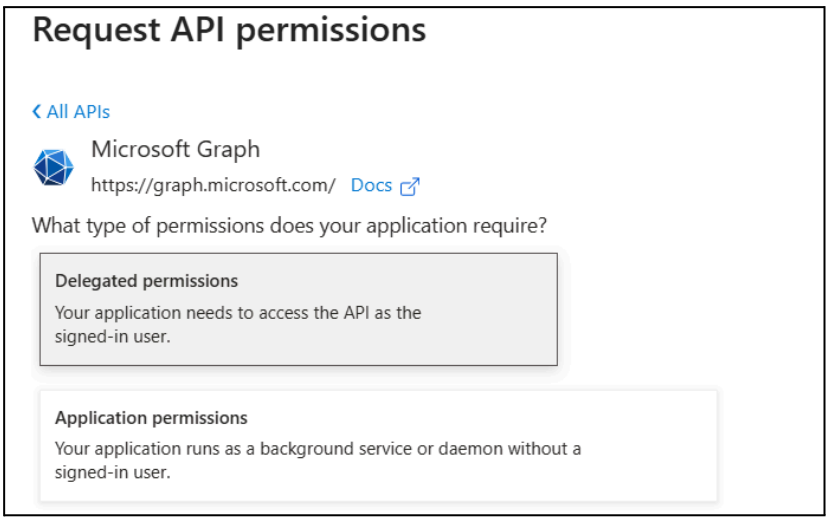



***Important: Be sure to copy the Secret Value and save it in your temporary document immediately. Once you leave this page, the secret value will no longer be displayed and cannot be retrieved again.***

Return to the main menu and click on ***API permissions*** → ***Add a permission***.



Then, select ***Microsoft Graph.***




**Add the following permissions:**

## Delegated Permissions

- **Device**
  - `Device.Read`
- **Family**
  - `Family.Read`
- **User**
  - `User.Read`
  - `User.ReadBasic.All`

### Application Permissions

- **AppCatalog**
  - `AppCatalog.Read.All`
  - `AppCatalog.ReadWrite.All`
- **Channel**
  - `Channel.Create`
- **Device**
  - `Device.Read.All`
- **Directory**
  - `Directory.Read.All`
- **Domain**
  - `Domain.Read.All`
- **Group**
  - `Group.Read.All`

- Member
  - `Member.Read.Hidden`
- TeamsTab
  - **`TeamsTab.Create`**
  - **`TeamsTab.Read.All`**
  - **`TeamsTab.ReadWrite.All`**
  - **`TeamsTab.ReadWriteForTeam.All`**
- User
  - **`User.Read.All`**

**Finally, grant the Administrator Consent for the configured permissions.**


**We have now finished configuring the Azure portal.**

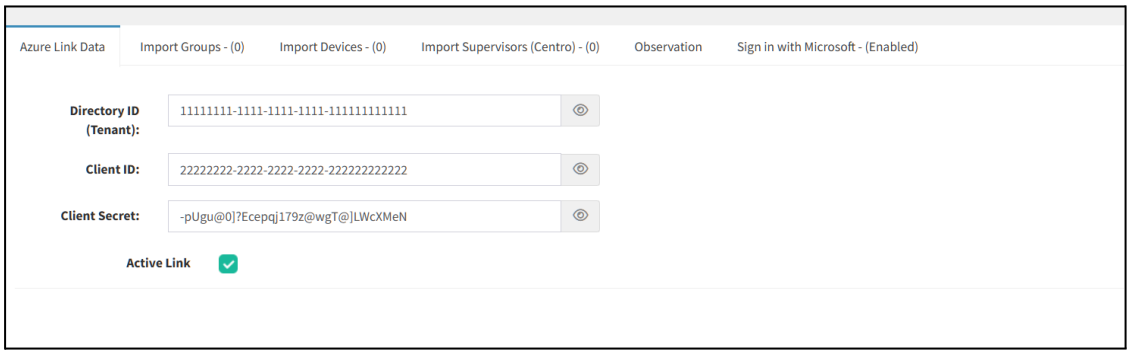
Next, log in to your **IMTLazarus Admin Panel** and navigate to:

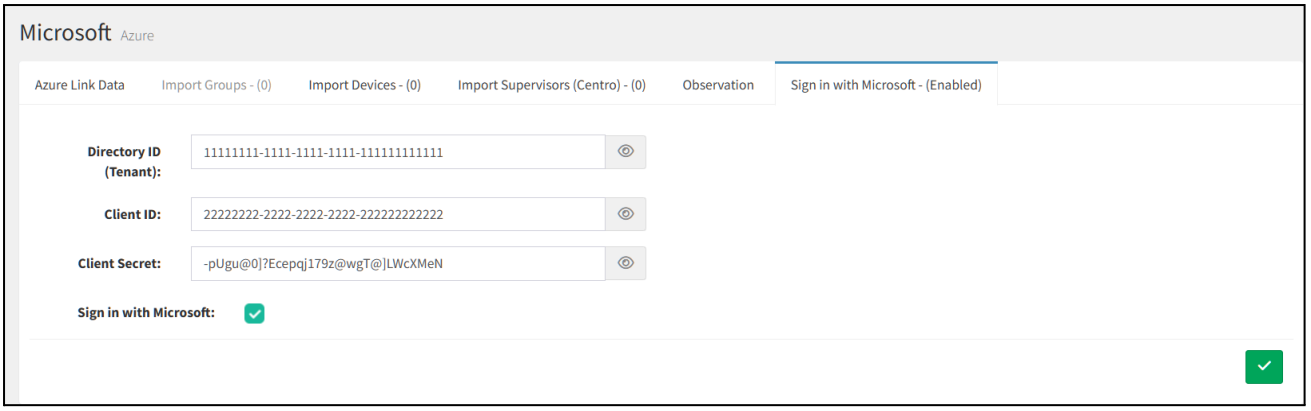
**Administrator Menu → Settings → Integration → Microsoft**

Then, complete the following sections using the information obtained from the Azure portal:

- **Azure Connection Data**
- **Sign in with Microsoft**

Fill in these tabs with the corresponding values from Azure, including the **Application (Client) ID**, **Directory (Tenant) ID**, and **Client Secret Value**. Once these details have been entered and saved, the integration between IMTLazarus and Microsoft Azure will be successfully configured.






Configure the settings as follows:

| IMTLazarus | Microsoft Azure | *(valor mostrado en las capturas)* |
|---|---|---|
| Application ID (Client) | Id. de aplicación (cliente) | 11111111-1111-1111-1111-111111111111 |
| Directory ID (Tenant) | Id. de directorio (inquilino) | 22222222-2222-2222-2222-222222222222 |
| Client Secret | El valor del secreto generado | -pUgu@0]?Ecepqj179z@wgT@]LWcXMeN |

Once the three information fields have been completed, the only remaining step is to enable the following options:

- **Active Integration**
- **Sign in with Microsoft**

Then, click **Save Configuration** to apply the settings.

The integration is now complete, and users will be able to authenticate using their Microsoft accounts through IMTLazarus.