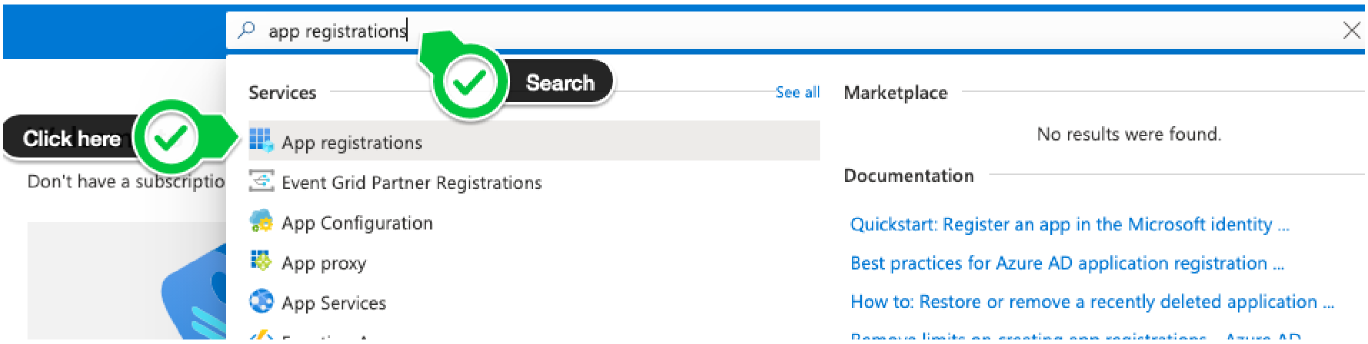
Configure Office 365 Authentication

Libraesva Archiver fully integrates with Microsoft Office 365. Office 365 relies on Azure Active Directory as directory service. Each Office 365 tenant corresponds to an Azure AD tenant where its user information is being stored. This guide will cover the steps needed to grant your Libraesva Archiver permissions on your Office 365 tenant. No changes are made to the Office 365 tenant itself by Libraesva Archiver.

Configure Office 365 connection

- Navigate to https://portal.azure.com/ and log in using your administrator credentials
- Open the **App registrations** portal as shown:



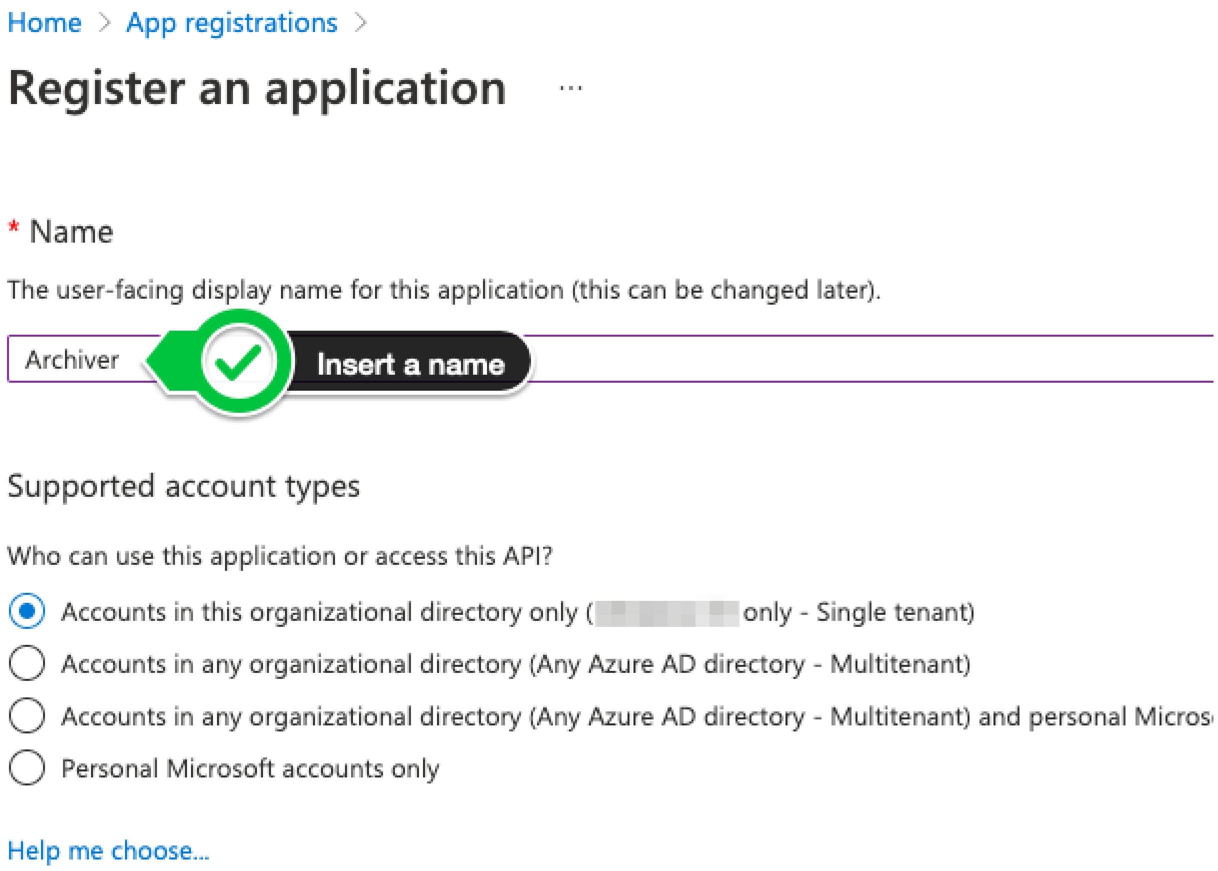
No results were found.

Quickstart: Register an app in the Microsoft identity ...

Best practices for Azure AD application registration ...

How to: Restore or remove a recently deleted application ...

- Click on the **New registration** button on the top left of the page
- Insert Archiver as the name of the application and type the URL you use to access the archiver in the **Sign-on URL** field



Register an application ...

* Name

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

Archiver

Supported account types

Who can use this application or access this API?

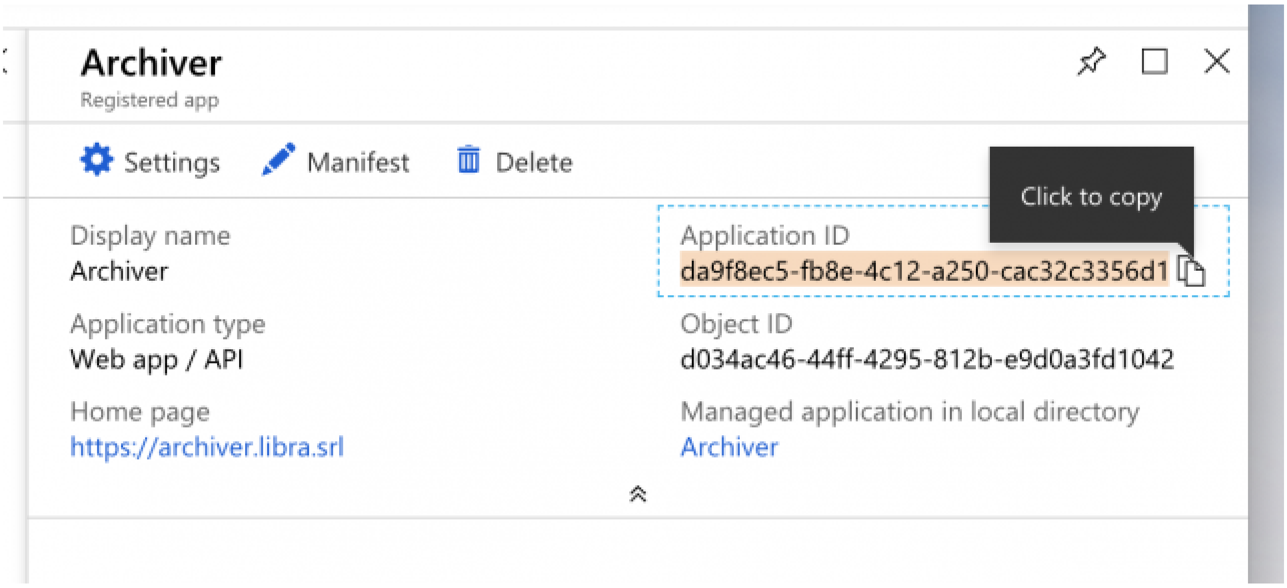
● Accounts in this organizational directory only ([redacted] only - Single tenant)

○ Accounts in any organizational directory (Any Azure AD directory - Multitenant)

○ Accounts in any organizational directory (Any Azure AD directory - Multitenant) and personal Micros

○ Personal Microsoft accounts only

- Take note of the **Application (client) ID** shown in the top left corner:



Archiver
Registered app

Display name
Archiver

Application ID
da9f8ec5-fb8e-4c12-a250-cac32c3356d1

Application type
Web app / API

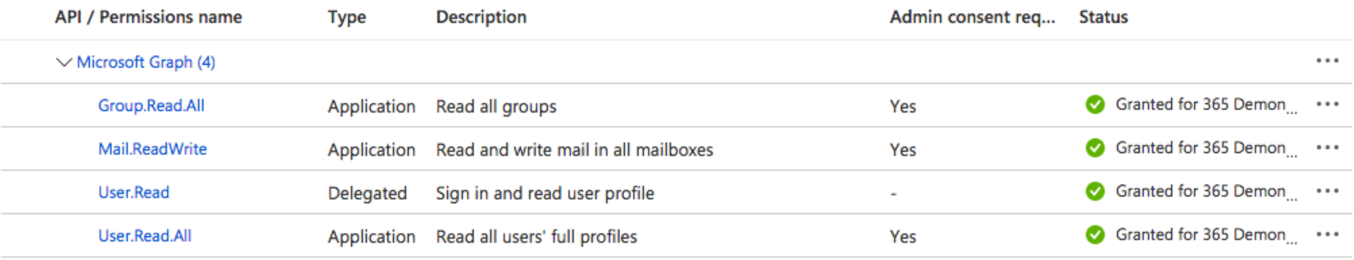
Object ID
d034ac46-44ff-4295-812b-e9d0a3fd1042

Home page
https://archiver.libra.srl

Managed application in local directory
Archiver

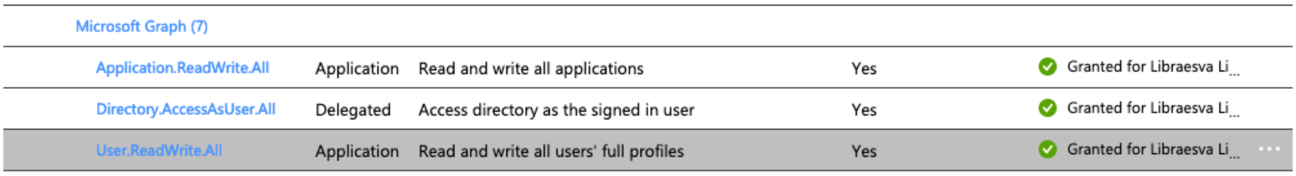
- Now click on **API permissions** on the left menu:
- Click **Add a permission**

- Select **Microsoft Graph** API
- Select the following permissions under **Application permissions**



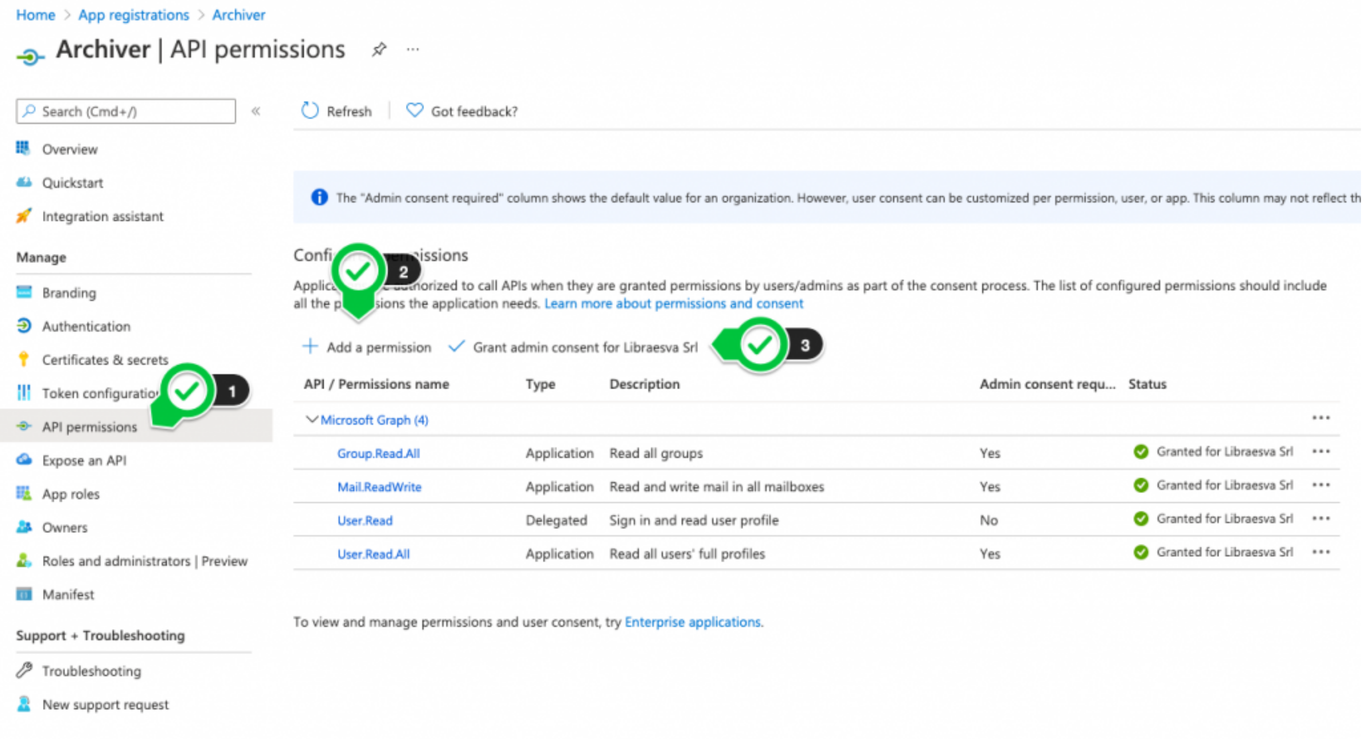
API / Permissions name	Type	Description	Admin consent req...	Status	
Microsoft Graph (4)					•••
Group.Read.All	Application	Read all groups	Yes	✓ Granted for 365 Demon...	•••
Mail.ReadWrite	Application	Read and write mail in all mailboxes	Yes	✓ Granted for 365 Demon...	•••
User.Read	Delegated	Sign in and read user profile	-	✓ Granted for 365 Demon...	•••
User.Read.All	Application	Read all users' full profiles	Yes	✓ Granted for 365 Demon...	•••

- If you want to enable **Mailbox delegation**, also select the following permissions



Microsoft Graph (7)					
Application.ReadWrite.All	Application	Read and write all applications	Yes	✓ Granted for Libraesva Li...	
Directory.AccessAsUser.All	Delegated	Access directory as the signed in user	Yes	✓ Granted for Libraesva Li...	
User.ReadWrite.All	Application	Read and write all users' full profiles	Yes	✓ Granted for Libraesva Li...	•••

- Click **Done**
- Click **Grant admin consent** and click **Yes** in the dialog



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 th

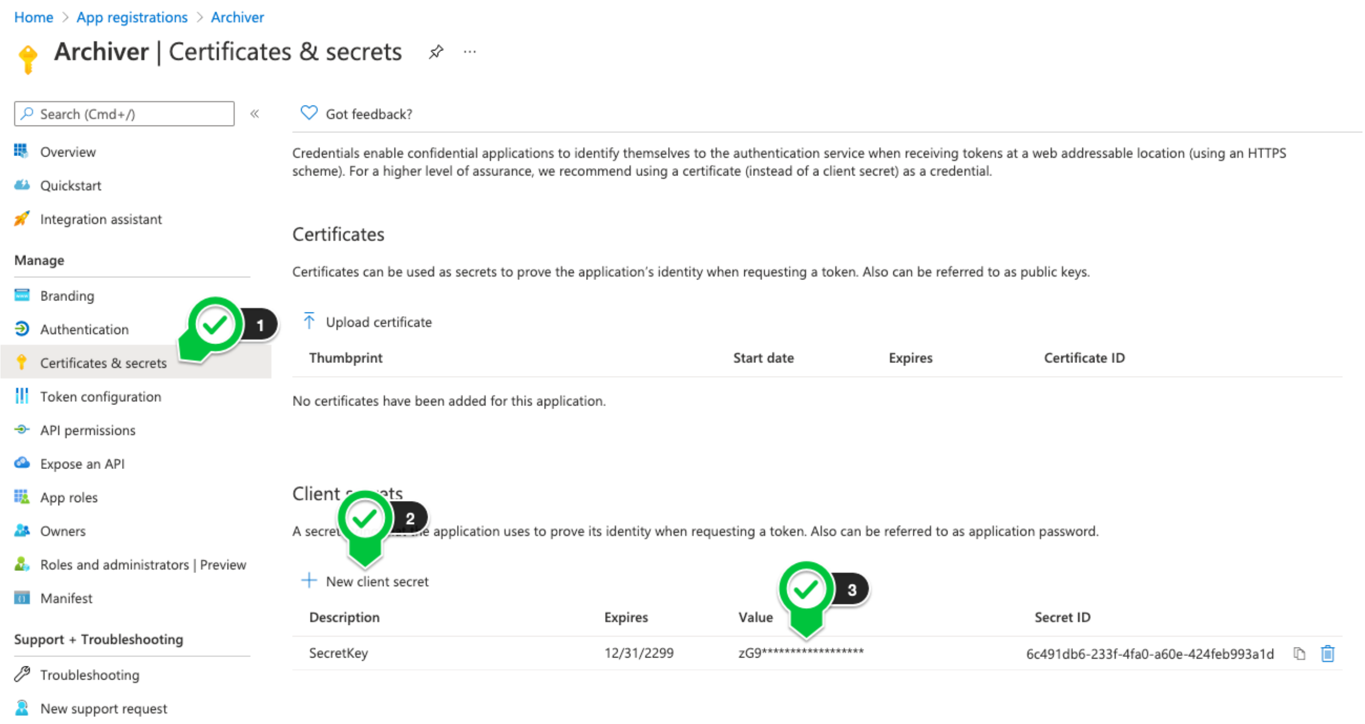
Confi[illegible]issions

Applic[illegible]orized 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 p[illegible]sions the application needs. Learn more about permissions and consent

API / Permissions name	Type	Description	Admin consent requ...	Status	
Microsoft Graph (4)					•••
Group.Read.All	Application	Read all groups	Yes	✓ Granted for Libraesva Srl	•••
Mail.ReadWrite	Application	Read and write mail in all mailboxes	Yes	✓ Granted for Libraesva Srl	•••
User.Read	Delegated	Sign in and read user profile	No	✓ Granted for Libraesva Srl	•••
User.Read.All	Application	Read all users' full profiles	Yes	✓ Granted for Libraesva Srl	•••

To view and manage permissions and user consent, try Enterprise applications.

- Now select **Certificates & secrets** section :



Home > App registrations > Archiver

Archiver | Certificates & secrets

Search (Cmd+/)

- Overview
- Quickstart
- Integration assistant

Manage

- Branding
- Authentication
- Certificates & secrets
- Token configuration
- API permissions
- Expose an API
- App roles
- Owners
- Roles and administrators | Preview
- Manifest

Support + Troubleshooting

- Troubleshooting
- New support request

Got feedback?

Credentials enable confidential applications to identify themselves to the authentication service when receiving tokens at a web addressable location (using an HTTPS scheme). For a higher level of assurance, we recommend using a certificate (instead of a client secret) as a credential.

Certificates

Certificates can be used as secrets to prove the application's identity when requesting a token. Also can be referred to as public keys.

Upload certificate

Thumbprint	Start date	Expires	Certificate ID

No certificates have been added for this application.

Client ...ts

A secret ... 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
SecretKey	12/31/2299	zG9******************	6c491db6-233f-4fa0-a60e-424feb993a1d

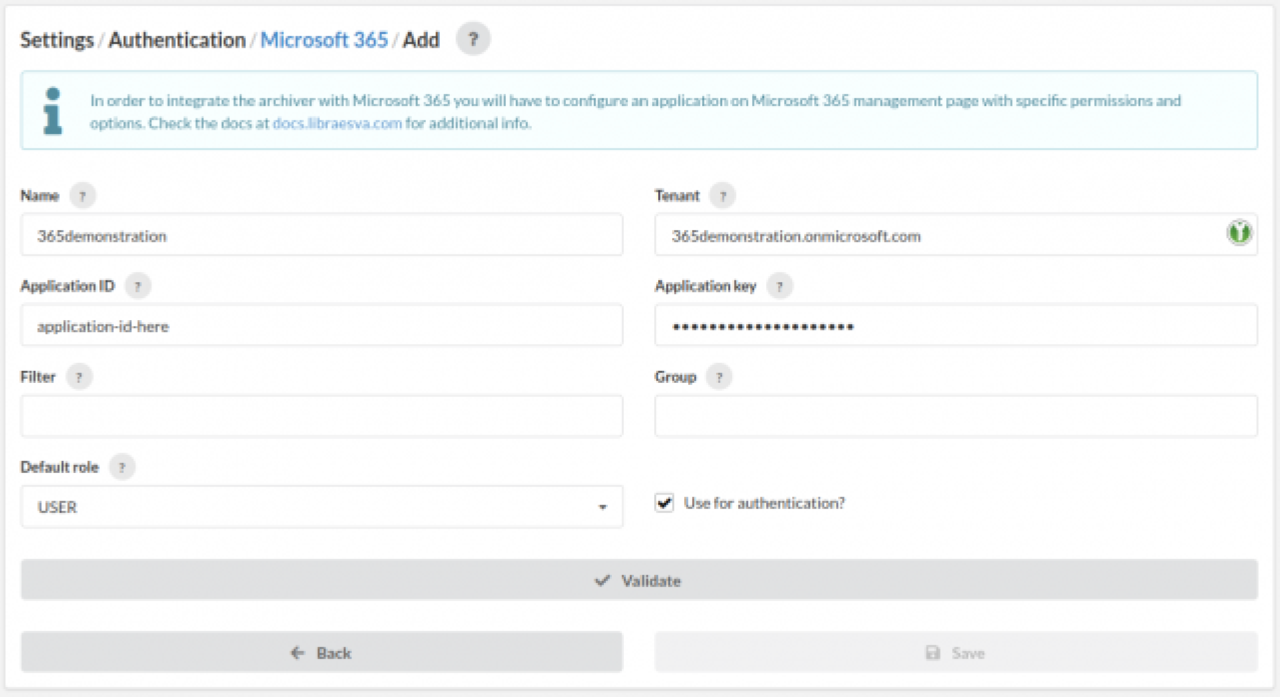
- Add a new client secret by typing **Archiver** in the description and choosing **a date** from the **Expires** dropdown list
  With the latest update of Microsoft security policies it is no longer possible to generate a perpetual certificate.
- Click **Save**
- Now copy the newly generated **key value** you will need this for the next step.

×**WARNING**: Be advised that you won't be able to retrieve it at a later stage!

- Now navigate to your Libraesva Archiver and select **Settings > Authentication > Microsoft 365 Configuration**
- Select your tenant and click **+**
- Give a name to the new connection
- Insert the **Application ID** you copied before (Note: the Application ID is not the same as the Client ID)
- Insert the password you copied above in the **Application key** field
- Insert your Microsoft 365 tenant name in the tenant field (This is the tenant name of your office 365, if your admin account is admin@testcompany.onmicrosoft.com, your tenant will more likely just be testcompany.onmicrosoft.com)

- Insert a custom **filter** if you want to filter users (this is optional and alternative to the field **Group**)
- Configure the UUID of a Microsoft 365 **group** if you wish to filter only users the users of this group (this is optional and alternative to the field **Filter**)
- Insert the default role that will be applied to the imported users. Set this field to USER for normal users. Users authenticated with this authentication method will have this role.
- Check **Use for authentication** if you want to allow these users to authenticate with the Email Archiver. This is the default and is needed in order to give access to the archiver to the users (through the webapp or the outlook plugin or the mobile apps).
- Click **Validate** and check if everything is ok.

×**NOTE:** If you receive an **Insufficient privileges to complete the operation** error wait a few minutes for Azure to clean caches and retry.



Settings / Authentication / Microsoft 365 / Add

In order to integrate the archiver with Microsoft 365 you will have to configure an application on Microsoft 365 management page with specific permissions and options. Check the docs at docs.libraesva.com for additional info.

Name: 365demonstration

Tenant: 365demonstration.onmicrosoft.com

Application ID: application-id-here

Application key: ••••••••••••••••••••

Filter:

Group:

Default role: USER

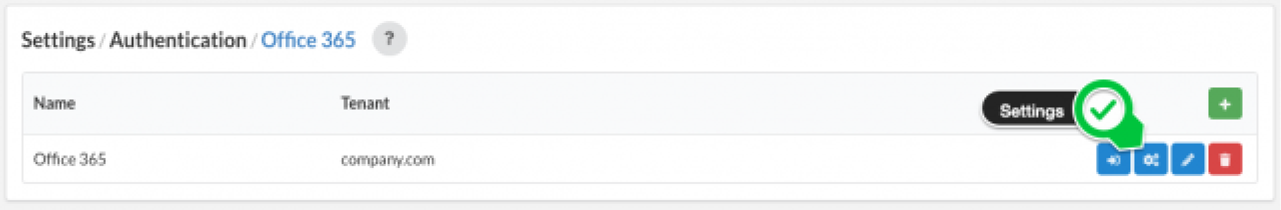
☑ Use for authentication?

- Click **Save**

Configure Office 365 authentication

Navigate to your Libraesva Archiver and select **Settings > Authentication > Office 365**

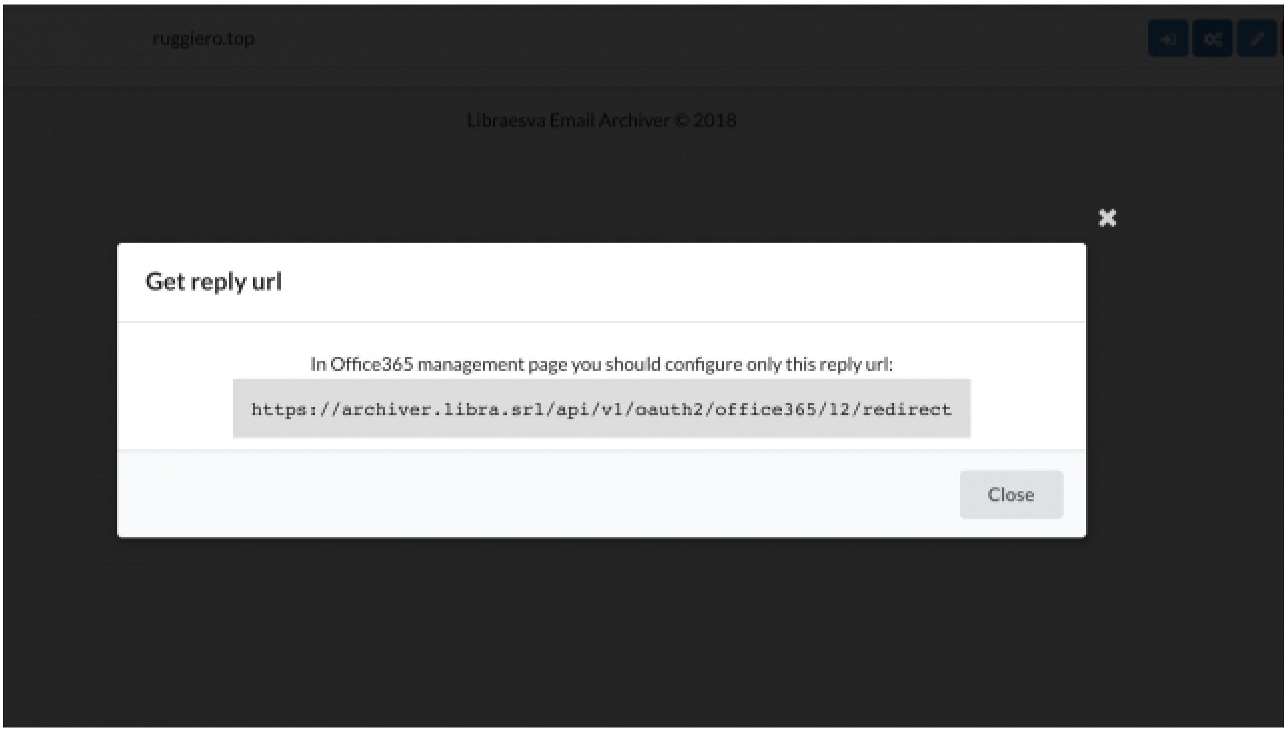
- Click on the settings icon before the edit button as shown:



Settings / Authentication / Office 365

Name	Tenant
Office 365	company.com

- Copy the url that the Libraesva Archiver has generated



ruggiero.top

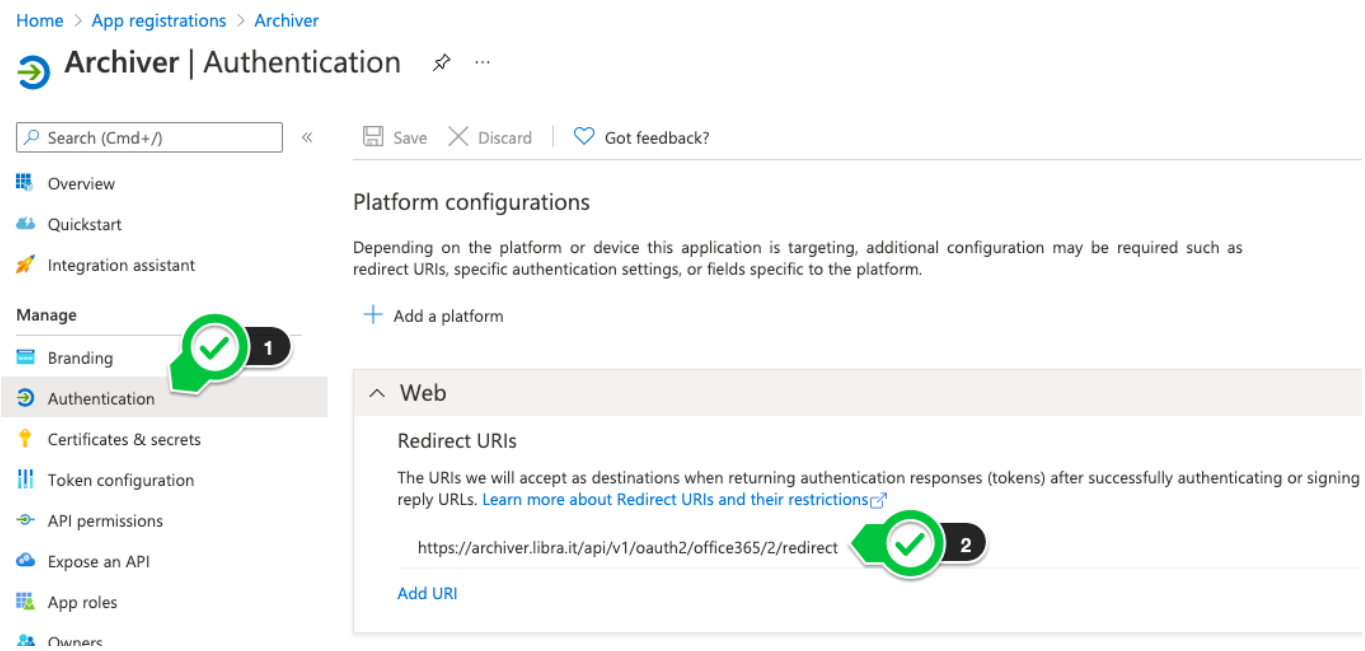
Libraesva Email Archiver © 2018

Get reply url

In Office365 management page you should configure only this reply url:

```
https://archiver.libra.srl/api/v1/oauth2/office365/12/redirect
```

- Navigate to **Azure Portal > App registrations > Archiver > Authentication**
- Replace the archiver URL with the new URL you copied above



Platform configurations

Depending on the platform or device this application is targeting, additional configuration may be required such as redirect URIs, specific authentication settings, or fields specific to the platform.

Redirect URIs

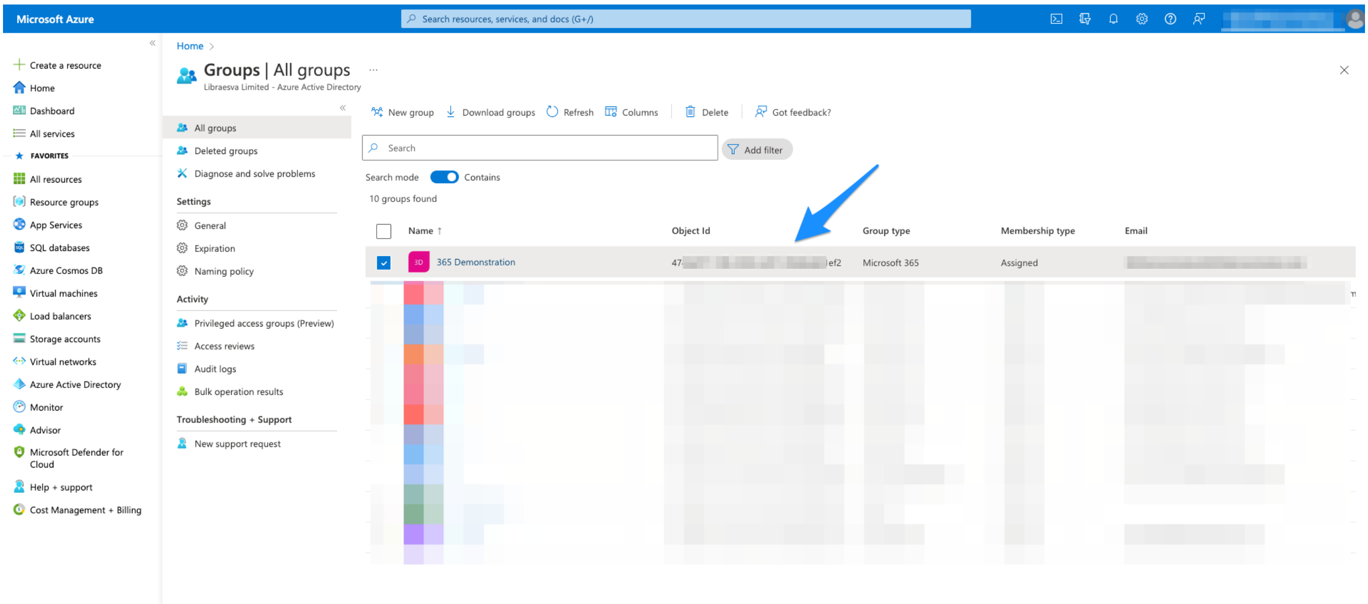
The URIs we will accept as destinations when returning authentication responses (tokens) after successfully authenticating or signing reply URLs. Learn more about Redirect URIs and their restrictions

https://archiver.libra.it/api/v1/oauth2/office365/2/redirect

Restrict to a subset of users

You can setup a subset of the users by using a Microsoft 365 group.

- Navigate to https://portal.azure.com/ and log in using your administrator credentials
- Open the **Groups** section
- Copy and paste the group ID in the corresponding Archiver section

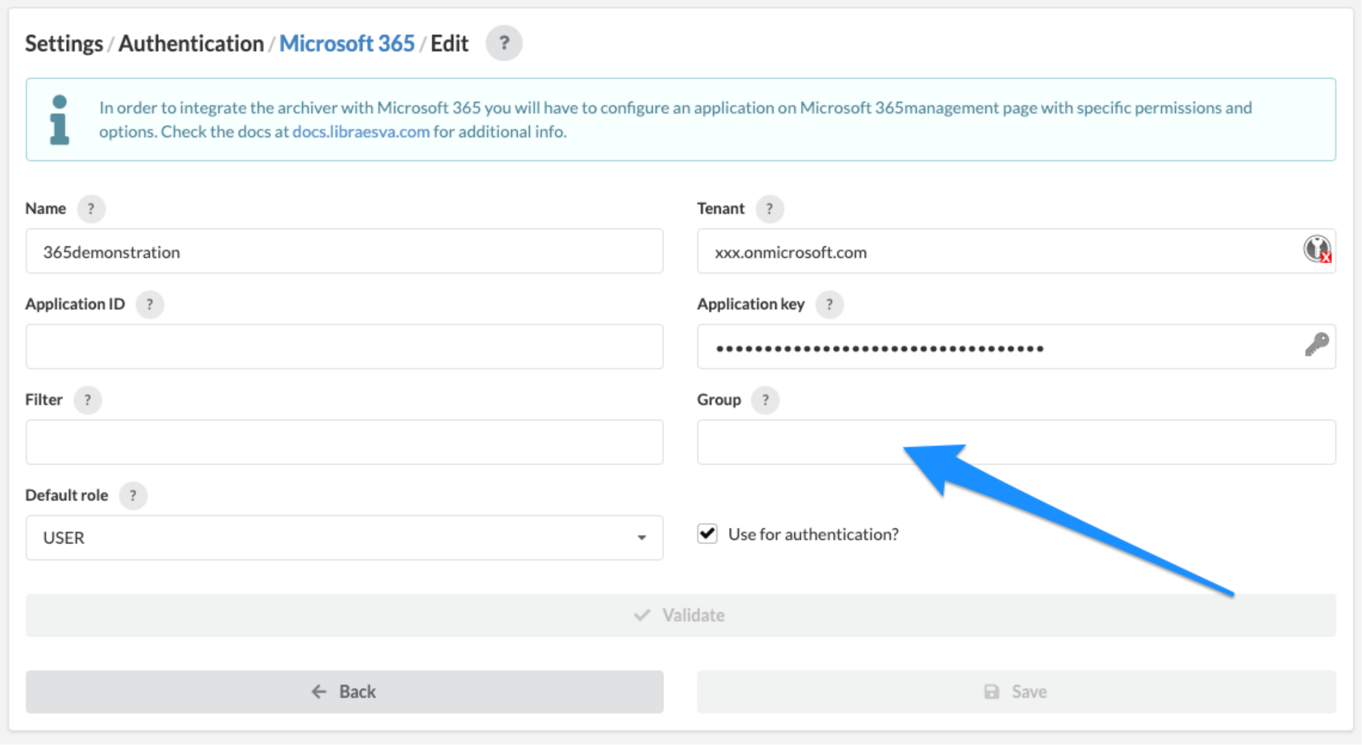


Search mode ● Contains

10 groups found

□	Name ↑	Object Id	Group type	Membership type	Email
☑	3D 365 Demonstration	47[redacted]ef2	Microsoft 365	Assigned	[redacted]

[redacted]



Settings / Authentication / Microsoft 365 / Edit ?

In order to integrate the archiver with Microsoft 365 you will have to configure an application on Microsoft 365management page with specific permissions and options. Check the docs at docs.libraesva.com for additional info.

Name ?: 365demonstration

Tenant ?: xxx.onmicrosoft.com

Application ID ?:

Application key ?: ••••••••••••••••••••••••••••••••••••

Filter ?:

Group ?:

Default role ?: USER

☑ Use for authentication?