

Azure Entra connection with ROGER365.io



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Version 1.1



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High-level overview of the steps

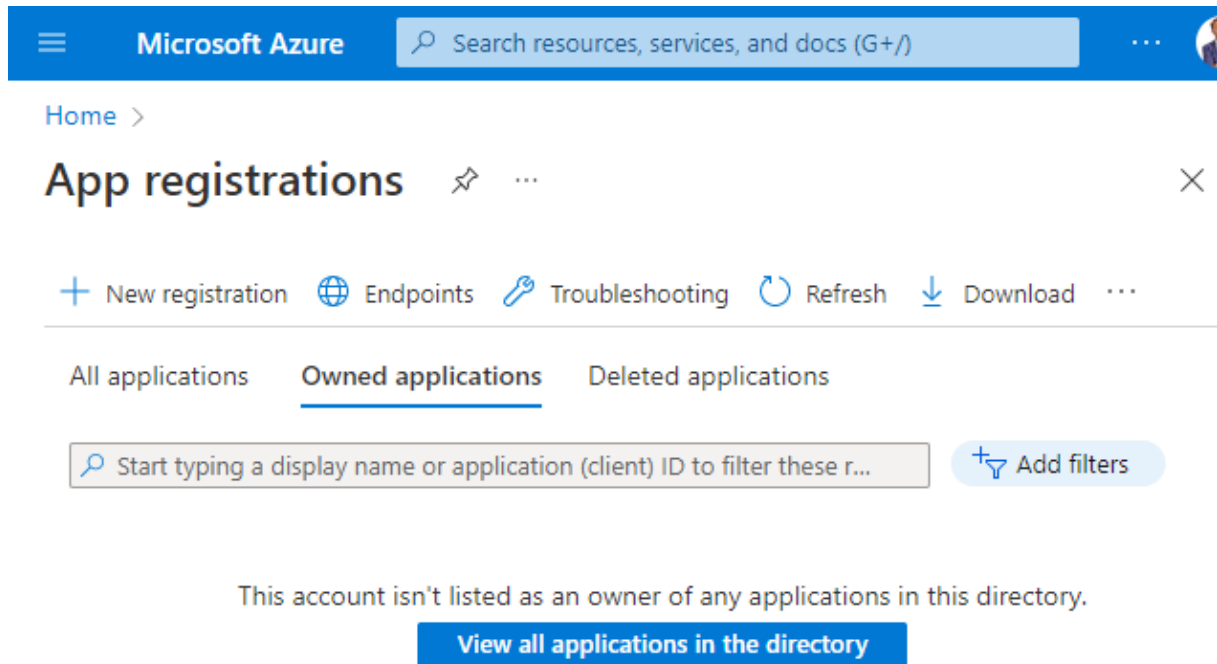
- 1) Make an application registration in the tenant of the target Azure Entra
- 2) Create the replicator in ROGER365.io

Needed for the connection with ROGER365.IO

- 1) Azure application App registration ID
- 2) Azure application App registration secret
- 3) Tenant Id

Azure AD application registration

Login into the right Azure tenant with global admin rights



The screenshot shows the Azure AD App Registrations interface. At the top is a blue header bar with the Microsoft Azure logo, a search bar, and a user profile icon. Below the header, the breadcrumb 'Home >' is visible. The main heading is 'App registrations' with a star icon and a close button. A navigation bar contains links for 'New registration', 'Endpoints', 'Troubleshooting', 'Refresh', 'Download', and a menu icon. Below this are tabs for 'All applications', 'Owned applications' (which is selected and underlined), and 'Deleted applications'. A search bar prompts the user to 'Start typing a display name or application (client) ID to filter these r...'. To the right of the search bar is a button labeled 'Add filters'. The main content area displays a message: 'This account isn't listed as an owner of any applications in this directory.' Below this message is a blue button that says 'View all applications in the directory'.

Search for App Registrations and choose New registration.



Home > App registrations >

Register an application ...

* Name

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

ROGER365.io Azure Entra replicator ✓

Supported account types

Who can use this application or access this API?

- ☒ Accounts in this organizational directory only (ROGER365.io 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

Create a new registration with the name ROGER365.io Azure Entra replicator with the settings above. Confirm with the Register button.



Microsoft Azure Search resources, services, and docs (G+)

Home > App registrations > ROGER365.io Azure Entra replicator

ROGER365.io Azure Entra replicator | Certificates & secrets

Search Got feedback?

- Overview
- Quickstart
- Integration assistant

Manage

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

Credentials enable confidential applications to identify themselves to the authentication service with 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.

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 application password.

+ New client secret

Description	Expires	Value	Secret ID
No client secrets have been created for this application.			

Then select the option Certificates & secrets and select New client secret

Microsoft Azure Search resources, services, and docs (G+)

Home > App registrations > ROGER365.io Azure Entra replicator

ROGER365.io Azure Entra replicator

Got feedback?

Credentials enable confidential applications to identify themselves to the authentication service with 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.

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

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

Add a client secret

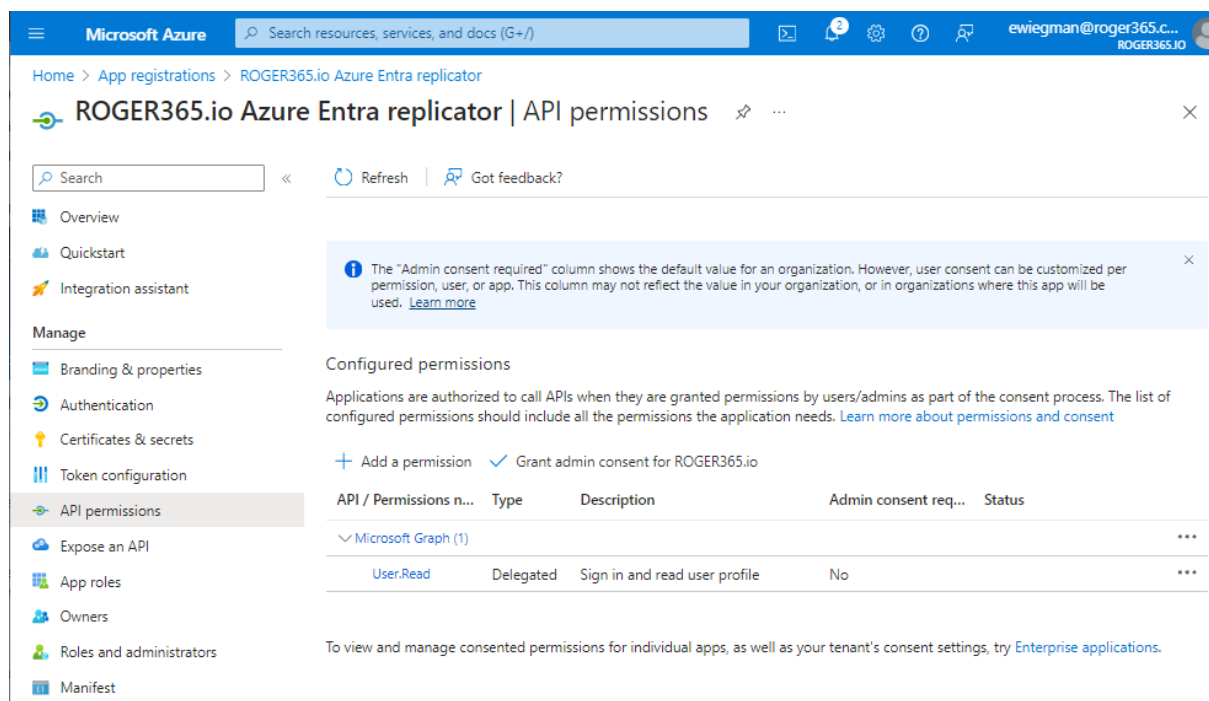
Description RIOAccess

Expires 730 days (24 months)

Add Cancel

Create a new secret and select expiration date (make sure you schedule this, to avoid issues in the future when the secret expires). Click Add

The created secret that will be displayed, must be copied and stored safely, because the secret is only visible one time. If the secret is lost, a new secret can be made with this procedure.



Microsoft Azure

Search resources, services, and docs (G+)

ewiegman@roger365.c... ROGER365.IO

Home > App registrations > ROGER365.io Azure Entra replicator

ROGER365.io Azure Entra replicator | API permissions

Search Refresh Got feedback?

Overview

Quickstart

Integration assistant

Manage

- Branding & properties
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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 in 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](#)

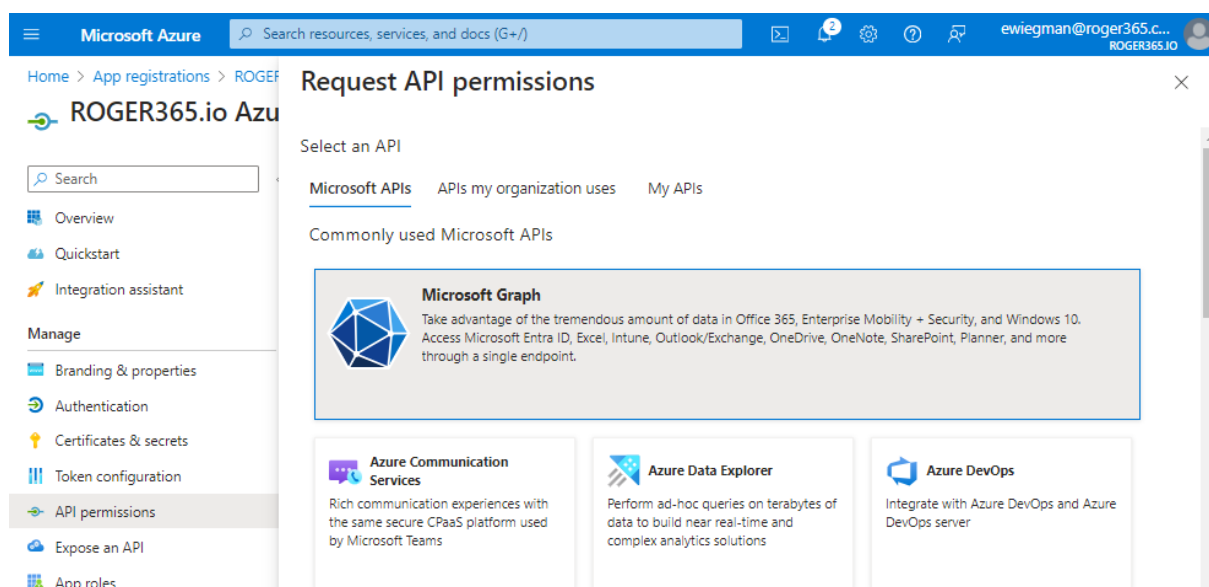
+ Add a permission ✓ Grant admin consent for ROGER365.io

API / Permissions n...	Type	Description	Admin consent req...	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](#).

After the creation of the client secret, rights must be given to the app registration so it can access the Azure Entra users in the tenant. This is done via the option Authentication of the app registration

Choose Add a permission and choose Microsoft Graph



Microsoft Azure

Search resources, services, and docs (G+)

ewiegman@roger365.c... ROGER365.IO

Home > App registrations > ROGER365.io Azure Entra replicator

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.



Azure Communication Services

Rich communication experiences with the same secure CPaaS platform used by Microsoft Teams



Azure Data Explorer

Perform ad-hoc queries on terabytes of data to build near real-time and complex analytics solutions



Azure DevOps

Integrate with Azure DevOps and Azure DevOps server

Choose application permissions search for the permission User.Read.All, check the box and save. This right should be consented by an Global Administrator to work correctly.



Request API permissions



[← All APIs](#)



Microsoft Graph

<https://graph.microsoft.com/> [Docs](#) [↗](#)

What type of permissions does your application require?

Delegated permissions

Your application needs to access the API as the signed-in user.

Application permissions

Your application runs as a background service or daemon without a signed-in user.

Select permissions

[expand all](#)

×

Permission

Admin consent required

> IdentityRiskyUser

▼ User (1)

☒	User.Read.All ⓘ Read all users' full profiles	Yes
-------------------------------------	--	-----

Add permissions

Discard



If done correctly the screen should now show the settings as below

Home > App registrations > ROGER365.io Azure Entra replicator

ROGER365.io Azure Entra replicator | API permissions

Search Refresh Got feedback?

Warning: You are editing permission(s) to your application, users will have to consent even if they've already done so previously.

Info: 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 in 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 ROGER365.io](#)

API / Permissions name	Type	Description	Admin consent req...	Status
Microsoft Graph (2)				
User.Read	Delegated	Sign in and read user profile	No	***
User.Read.All	Application	Read all users' full profiles	Yes	⚠ Not granted for ROGER... ***

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

Save the Appid and secret, this is needed for creating the Azure Entra replicator in the ROGER365.io portal.

Retrieve Azure Tenant ID

Go to portal.azure.com and choose Azure AD. Choose properties to get the screen below. This should be done in the tenant where replicator has been created.

Home > ROGER365.io

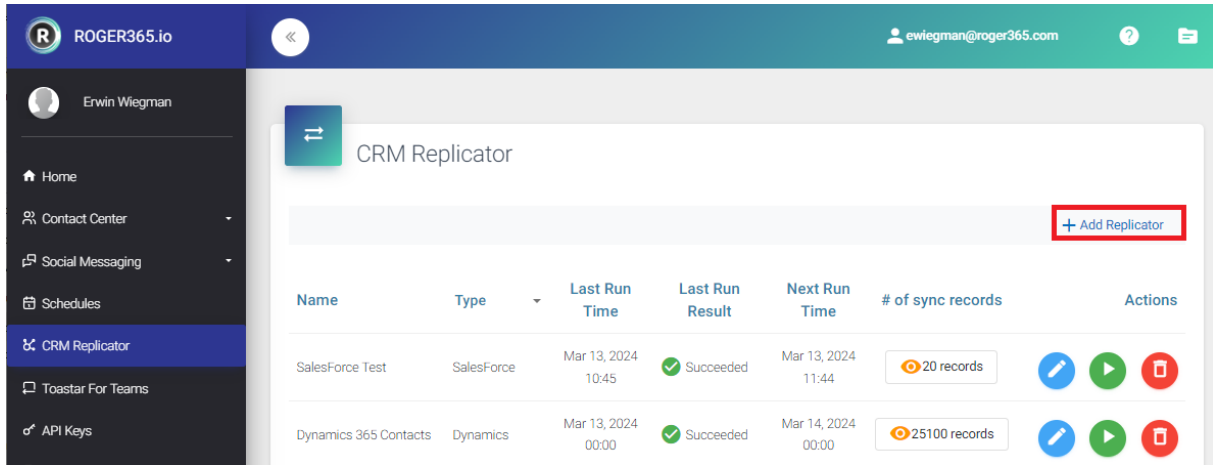
ROGER365.io | Properties

- Application proxy
- Custom security attributes
- Licenses
- Cross-tenant synchronization
- Microsoft Entra Connect
- Custom domain names
- Mobility (MDM and WIP)
- Password reset
- Company branding
- User settings
- Properties** ☆
- Security
- Monitoring

Name	ROGER365.io *
Country or region	Netherlands
Data location	EU Model Clause compliant datacenters
Notification language	Nederlands ▾
Tenant ID	04945 9e 
Technical contact	ewiegman@roger365.com
Global privacy contact	
Privacy statement URL	
Access management for Azure resources	☒ Yes

Creating the ROGER365.io Azure Entra replicator

In the ROGER365.IO portal choose the CRM replicator option and choose the + add replicator



The screenshot shows the ROGER365.io CRM Replicator interface. The left sidebar contains navigation links: Home, Contact Center, Social Messaging, Schedules, CRM Replicator (selected), Toaster For Teams, and API Keys. The main content area is titled 'CRM Replicator' and features a '+ Add Replicator' button in the top right corner. Below this is a table listing existing replicators.

Name	Type	Last Run Time	Last Run Result	Next Run Time	# of sync records	Actions
SalesForce Test	SalesForce	Mar 13, 2024 10:45	✓ Succeeded	Mar 13, 2024 11:44	20 records	[Edit] [Run] [Stop]
Dynamics 365 Contacts	Dynamics	Mar 13, 2024 00:00	✓ Succeeded	Mar 14, 2024 00:00	25100 records	[Edit] [Run] [Stop]

Give the replicator a Name and choose the type MicrosoftEntra from the pull-down menu. If done correctly the screen changes to the screen below



Create a new Replicator

Name *

Azure Entra Replicator

Description

Connection configuration

Type *

Microsoft Entra

Tenant Id *

Client Id (App Id) *

ClientSecret *

Replication configuration

Start Time *

Frequency *

Day

Interval *

10

Contact Url

Country Code *

Netherlands (+31)

CANCEL

SAVE

In this screen all the configuration from the previous steps will be used.

Setting	Value
Tenant Id	The tenant id of the tenant where the app registration has been created
Client id (App id)	The GUID of the Azure Entra app registration created earlier (application Id)
Client Secret	Client secret of the Azure Entra app registration made earlier
Contact URL	Not needed for Azure Entra, can be left blank
Country Code	All phone numbers must be in E164 format. This setting gives the default country if local phone numbers are used. For more information see ask.roger365.io