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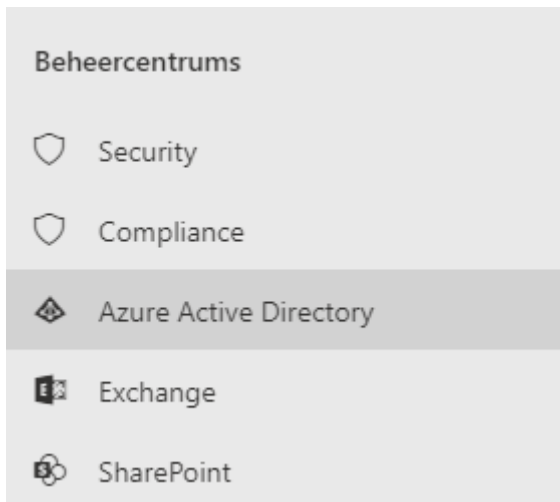
# Registratie OAP app in Microsoft 365

**N.B.**

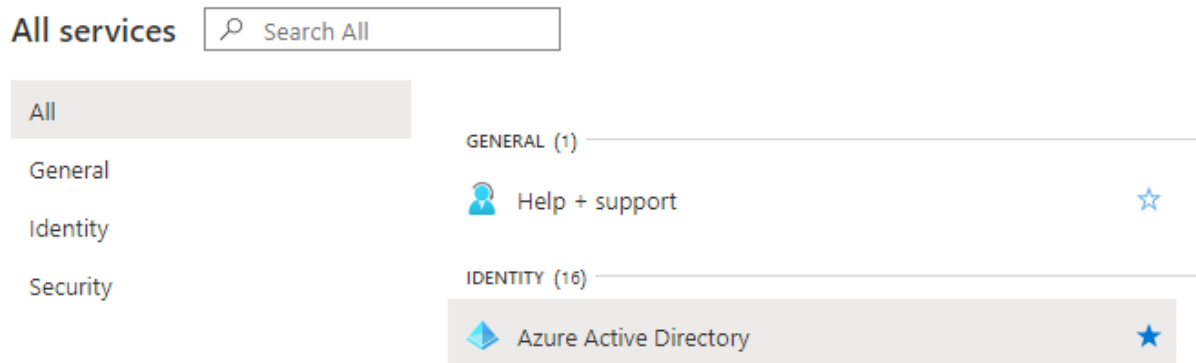
Hoewel bij het samenstellen van de programmatuur en deze handleiding de grootst mogelijke zorgvuldigheid is betracht, kan noch de auteur, noch de uitgever enige aansprakelijkheid aanvaarden voor enige schade die zou kunnen voortvloeien uit enige fout die in het programma en/of in deze uitgave zou kunnen voorkomen. Archie Europe bv, als producent van het programma en de handleiding, houdt zich het recht voor om zonder enige kennisgeving wijzigingen in de programmatuur en/of handleiding door te voeren.

## OAP app registreren in Microsoft 365




Open het Microsoft 365 beheercentrum en ga naar *Azure Active Directory*.



Ga naar *Azure Active Directory* dat staat vermeld onder *Identity*.












Ga naar *App registrations*.

-  Overview
-  Getting started
-  Diagnose and solve problems

#### Manage

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-  Users
-  Groups
-  External Identities
-  Roles and administrators
-  Administrative units (Preview)
-  Enterprise applications
-  Devices
-  App registrations

En klik op  *New registration* om een app te registreren in uw Microsoft 365 omgeving.

Vul de gegevens in. Voor de registratie kunt u een willekeurige naam opgeven.

**\* Name**

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

Archie OAP Synchronisatie ✓

**Supported account types**

Who can use this application or access this API?

- Accounts in this organizational directory only (Archie Europe BV 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 Microsoft accounts (e.g. Skype, Xbox)

[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.

Public client/native (mobile ... ^ e.g. myapp://auth ✓

- Public client/native (mobile & desktop)
- Web
- Single-page application (SPA)

Ga naar *Authentication* en klik op *Add a platform*.

Archie OAP Synchronisatie | Authentication ✨

Search (Ctrl+/) << Save Discard Got feedback?

Overview  
Quickstart  
Integration assistant (preview)

Manage

Branding

Authentication

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.

+ Add a platform


Supported account types

Kies voor *Mobile and desktop applications*.




## Configure platforms



### Web applications

 <b>Web</b> Build, host, and deploy a web server application. .NET, Java, Python	 <b>Single-page application</b> Configure browser client applications and progressive web applications. Javascript.
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### Mobile and desktop applications

 <b>iOS / macOS</b> Objective-C, Swift, Xamarin	 <b>Android</b> Java, Kotlin, Xamarin
 <b>Mobile and desktop applications</b> Windows, UWP, Console, IoT & Limited-entry Devices, Classic iOS + Android	

Voeg `urn:ietf:wg:oauth:2.0:oob` als redirect URI toe.

# Configure Desktop + devices



[← All platforms](#)

[Quickstart](#)

[Docs](#)

## Redirect URIs

The URIs we will accept as destinations when returning authentication responses (tokens) after successfully authenticating users. Also referred to as reply URLs. [Learn more about Redirect URIs and their restrictions](#)

- <https://login.microsoftonline.com/common/oauth2/nativeclient>
- [https://login.live.com/oauth20\\_desktop.srf](https://login.live.com/oauth20_desktop.srf) (LiveSDK)
- <msal5206ebc7-3144-43c3-80a6-2b0532aeabd8://auth> (MSAL only)

## Custom redirect URIs



Ga naar *certificates & secrets* en klik op *New client secret*.

All services > Archie Synchronisatie > App registrations >

### Archie OAP Synchronisatie | Certificates & secrets

Search (Ctrl+/) « 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.

- Overview
- Quickstart
- Integration assistant (preview)
- Manage
  - Branding
  - Authentication
  - Certificates & secrets**
  - Token configuration
  - API permissions
  - Expose an API
  - Owners
  - Roles and administrators (Preview)
  - Manifest

#### 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
No certificates have been added for this application.		

#### Client secrets

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
No client secrets have been created for this application.		

Geef een beschrijving op en geef aan hoe lang de sleutel geldig moet blijven.

Let op: als u een verloopdatum opgeeft dient u zelf een nieuw sleutel in te stellen wanneer deze verloopt. Archie OAP zal niet meer functioneren met een verlopen sleutel.

## Add a client secret

### Description


### Expires

- In 1 year
- In 2 years
- Never

Add

Cancel

Sla de sleutel op, deze heeft u later nodig in Archie Admin.

Description	Expires	Value
ArchieOapSecret	12/31/2299	

Ga naar *API permissions* en klik op *Add a permission*.

All services > Archie OAP Synchronisatie | App registrations >

## Archie OAP Synchronisatie | API permissions

Search (Ctrl+/) Refresh

- Overview
- Quickstart
- Integration assistant (preview)
- Manage
  - Branding
  - Authentication
  - Certificates & secrets
  - Token configuration
  - API permissions**

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 Archie OAP Synchronisatie](#)

API / Permissions name	Type	Description	Admin consent req...	Status
▼ Microsoft Graph (1)				
User.Read	Delegated	Sign in and read user profile	-	...

Klik op *APIs my organization uses* en vul in het tekstvak de tekst "Office 365 Exchange Online" in.

Select an API

Microsoft APIs APIs my organization uses My APIs

Apps in your directory that expose APIs are shown below

Office 365 Exchange Online


Name	Application (client) ID
Office 365 Exchange Online	00000002-0000-0ff1-ce00-000000000000

Klik in het overzicht op "Office 365 Exchange Online".



Klik op *Application permissions* en schakel *full\_access\_as\_app* en *Calendars.ReadWrite.All* in.

[< All APIs](#)

 Office 365 Exchange Online  
<https://outlook-tdf-2.office.com/>

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
▼ Other permissions (1)	
<input checked="" type="checkbox"/> <b>full_access_as_app</b> ⓘ Use Exchange Web Services with full access to all mailboxes	Yes
▼ Calendars (1)	
<input type="checkbox"/> <b>Calendars.Read</b> ⓘ Read calendars in all mailboxes	Yes
<input type="checkbox"/> <b>Calendars.Read.All</b> ⓘ Read calendars in all mailboxes	Yes
<input checked="" type="checkbox"/> <b>Calendars.ReadWrite.All</b> ⓘ Read and write calendars in all mailboxes	Yes

Vervolgens klikt u op *Grant admin consent for [uw bedrijfsnaam]*.



### Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/all the permissions the application needs. [Learn more about permissions and consent](#)

[+ Add a permission](#)

[Grant admin consent for Archie Europe BV](#)

Het overzicht ziet er nu als volgt uit:

 Delete  Endpoints

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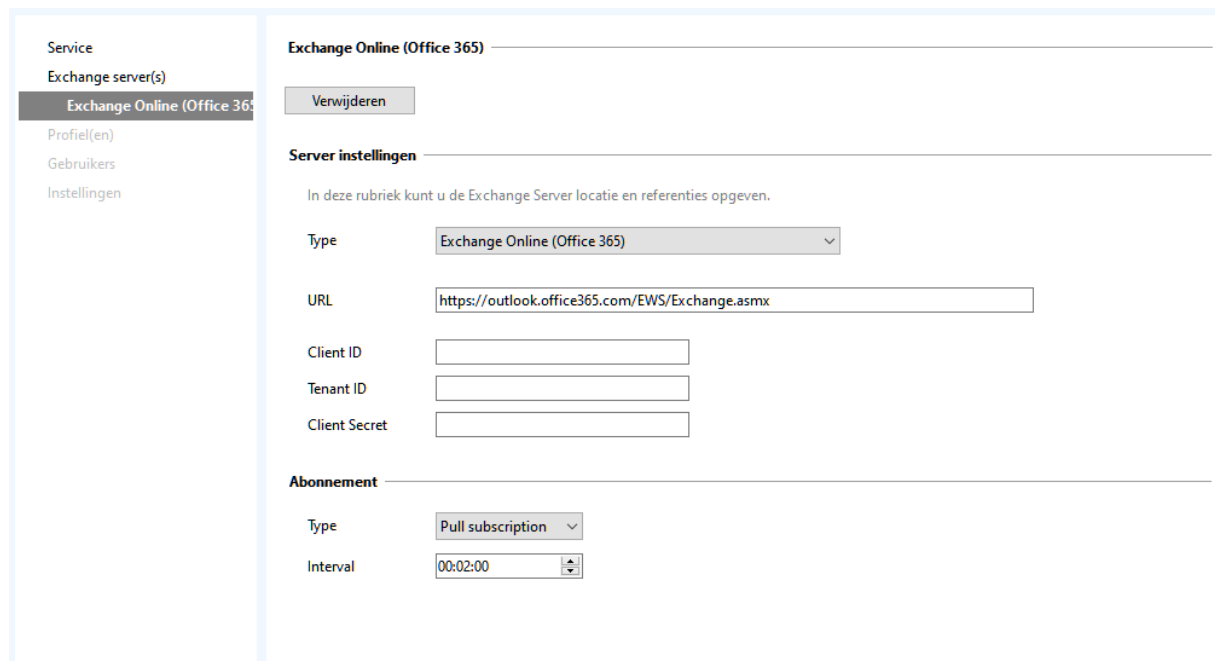
Display name : [Archie OAP Synchronisatie](#) Supported account types : [My organization only](#)  
Application (client) ID : 5206ebc7-3144-43c3-80a6-2b0532aeabd8 Redirect URIs : [0 web, 0 spa, 1 public client](#)  
Directory (tenant) ID : 2fc25d50-602a-4280-8203-638e7e20572b Application ID URI : [Add an Application ID URI](#)  
Object ID : 21ab5fe9-38ea-496f-8648-af472dd9279d Managed application in L... : [Archie OAP Synchronisatie](#)

^

U stelt de Application (client ID), Directory (tenant ID) en de application secret die u eerder heeft ingesteld bij de authenticatie-instellingen in Archie Admin.

(Indien onderstaand scherm niet in Archie Admin zichtbaar is dient u Archie te updaten naar de meest recente versie. Deze kunt u downloaden vanaf onze website, <https://www.archie.nl/support/downloads/sql/>)

Vervolgens kunt u de verbinding testen met onze connectivity tester via <https://www.archie.nl/downloads/SQL/OapConnectivityTester.zip>



The screenshot shows the Archie Admin interface for configuring an Exchange Online (Office 365) service. On the left, a sidebar menu includes 'Service', 'Exchange server(s)', 'Exchange Online (Office 365)', 'Profiel(en)', 'Gebruikers', and 'Instellingen'. The main content area is titled 'Exchange Online (Office 365)' and features a 'Verwijderen' button. Below this is the 'Server instellingen' section, which includes a note: 'In deze rubriek kunt u de Exchange Server locatie en referenties opgeven.' The configuration fields are: 'Type' (dropdown menu set to 'Exchange Online (Office 365)'), 'URL' (text input field containing 'https://outlook.office365.com/EWS/Exchange.asmx'), 'Client ID' (text input field), 'Tenant ID' (text input field), and 'Client Secret' (text input field). The 'Abonnement' section includes 'Type' (dropdown menu set to 'Pull subscription') and 'Interval' (spin button set to '00:02:00').