

How to configure Office365 For Automate

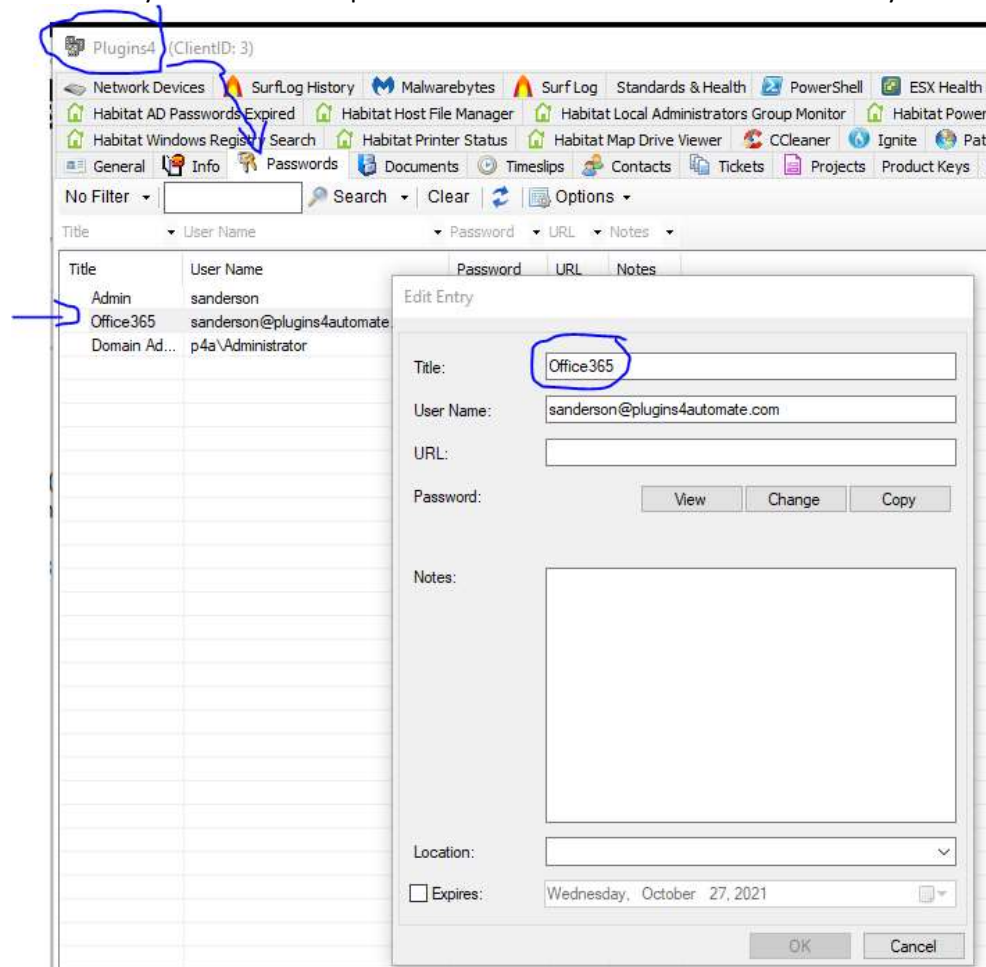
Here is the walk through on setting up a client to manage Office365.

Make sure you're on version 3.0.0.10

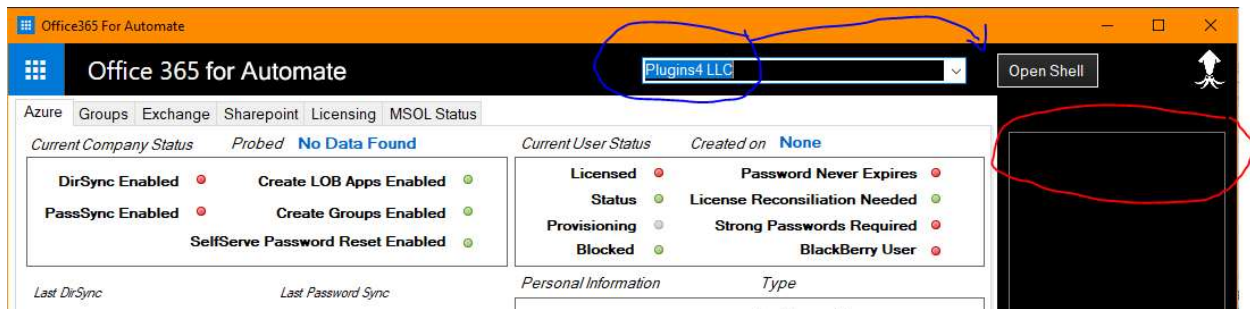
Here -> <https://delivery.shopifyapps.com/-/a4b6a6ca46620f33/2b5489044250b92a>

How-to -> Setup Office 365 in ConnectWise Automate

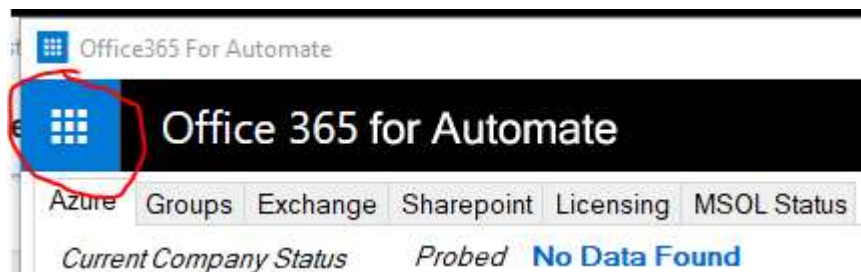
Make sure you have a client password and username here for each client you want to run Office365 for.



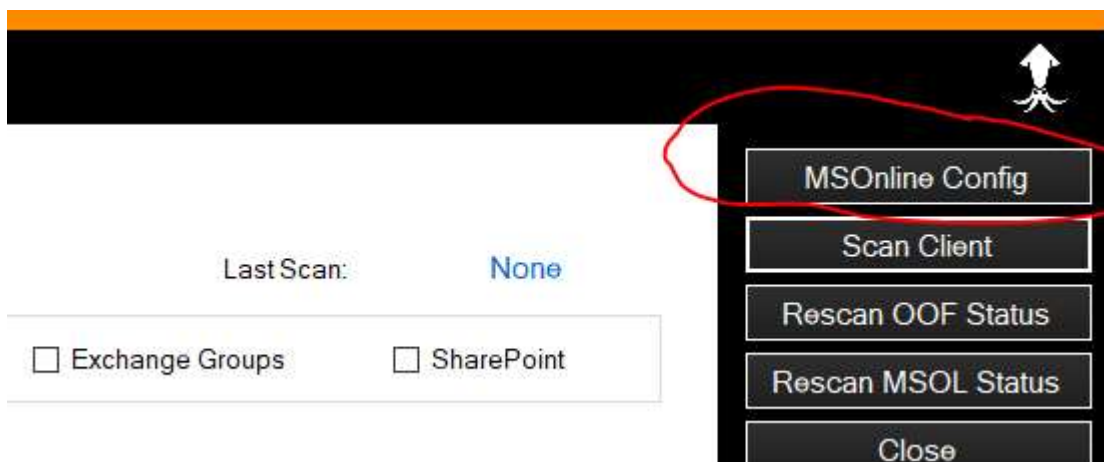
Now launch Office365 plugin and you should see this for client, The PowerShell console should now work but no user data available.



Click the blue button at top for configure



In new Config window select to MS Online Configure button



Configure 1 agent to do the heavy lifting, (Data Sync collection) 1 process that takes about 3-15 minutes to complete each night at 12 AM. Items in red are required where Items in blue are optional. If you do not supply them the plugin will still do its job just missing some data. Event from Microsoft are the first data you will notice missing if not setup correctly.

Office365 for Automate

Office 365 for Automate

Client Data Collection

Configure client for data retrieval

Select one agent per client account as scanner (\$)

CUBERT -> (\$)

Scan MSOL for

☒ Azure AD ☐ Exchange

☐ SharePoint ☐ Exchange Groups

Tenant ID

REST Access

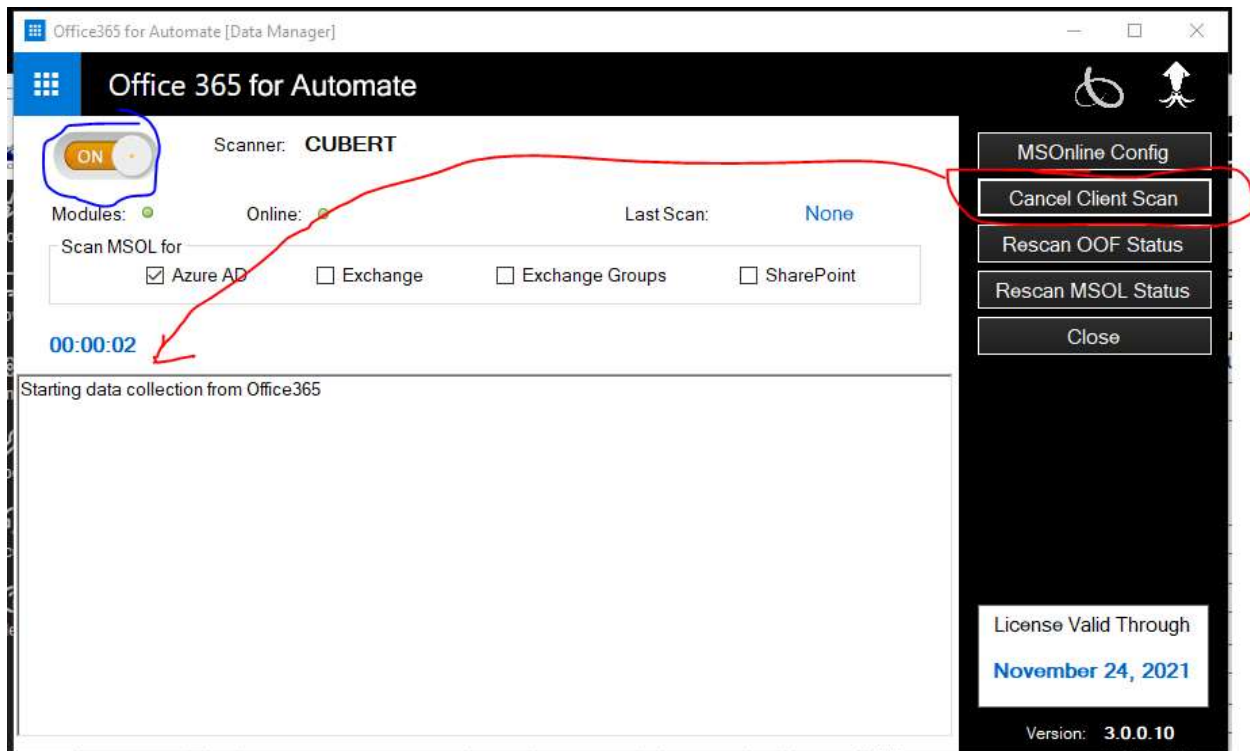
Configure API access to MSONline Events

ClientID

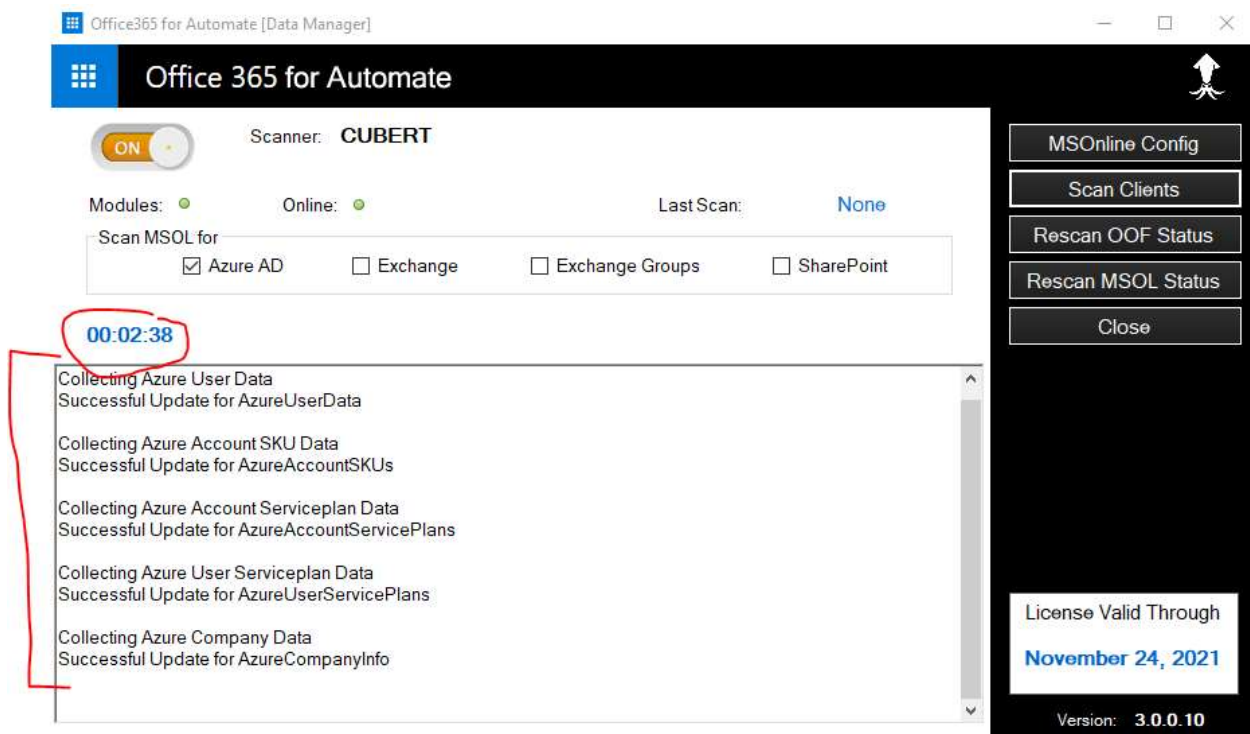
Secret ID (Value)

Save Cancel

Now you will need to activate the agent for daily scans with master switch then seed the database with the services you subscribe to Azure, Exchange and SharePoint. If you do not use some of these services, the scans will go faster if you disable those scans.



If all is accurate with permissions and the agent doing probe is “competent” you should get the following.



What is a competent probe?

An agent with a new OS (Windows10 or Server) with PowerShell 5.1 or newer. The Agent running as system service so that administrative privileges to install MS Online, Exchange and SharePoint PowerShell modules are available. The agent is always online and available to send commands to.

If you need to trouble shoot anything, you can visit the agent doing the probes command log section in agent console. Look for Executing CMD entries in logs and highlight to see return from command.

The screenshot shows the 'Plugins4/Office/CUBERT (39) Phone' console. On the left, the 'Commands' sidebar shows 'All Commands' with 635 entries, 'Failed' with 0, and 'Running' with 0. A red arrow points to the 'All Commands' link. The main area displays a table of commands:

Remote Command	Status	Date Updated	Technician
Execute Command	Success	10/27/2021 10:02:47 AM	sanderson
SaveText File	Success	10/27/2021 10:02:30 AM	sanderson
Execute Command	Success	10/27/2021 10:02:17 AM	sanderson
SaveText File	Success	10/27/2021 10:01:58 AM	sanderson
Execute Command	Success	10/27/2021 10:01:45 AM	sanderson
SaveText File	Success	10/27/2021 10:01:25 AM	sanderson
Execute Command	Success	10/27/2021 10:01:12 AM	sanderson
SaveText File	Success	10/27/2021 10:00:53 AM	sanderson
Execute Command	Success	10/27/2021 10:00:43 AM	sanderson

The 'Execute Command' row is highlighted in blue. To the right, the 'Command Details' panel shows the parameters and output for the selected command:

```
Parameters
cmd!!! /C C:\Windows\System32
\WindowsPowerShell\v1.0
\powershell.exe -
Import-SystemModules -
ExecutionPolicy Bypass -File %
windir%\Temp\Office365\Get-
AzureAccountSKU.ps1 -
Office365Username
[REDACTED]
ClientID 3

Output
3\plugins4:0365_BUSINESS11011
3\plugins4:TEAMS_EXPLORATORY
100101
```

How-to -> Get Office365 REST Access

MSOL Events require the TenantID, ClientID and Secret Value for that collection to function. If that data is accurate then you will also get event logs in automation and can seed your event logs manually with the Check MSOL button.

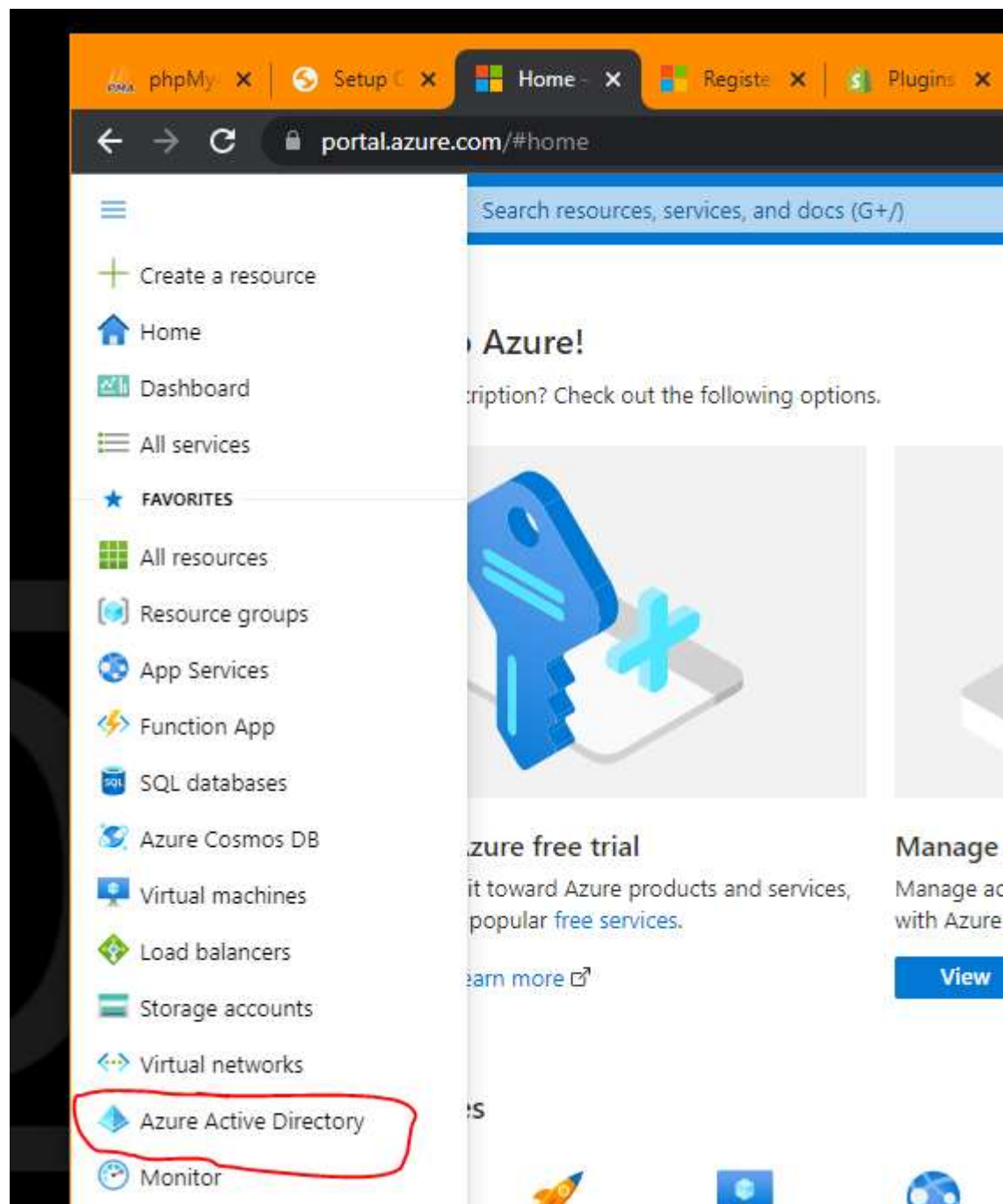
You will need to log into Office365.com and select the *Square Dots* button at the top of your home page.

Sign in to the Azure portal using either a work or school account or a personal Microsoft account.

<https://portal.azure.com/>

If your account gives you access to more than one tenant, select your account in the top right corner, and set your portal session to the Azure AD tenant that you want.

In the left-hand navigation pane, select the Azure Active Directory service, and then select App registrations > New registration.

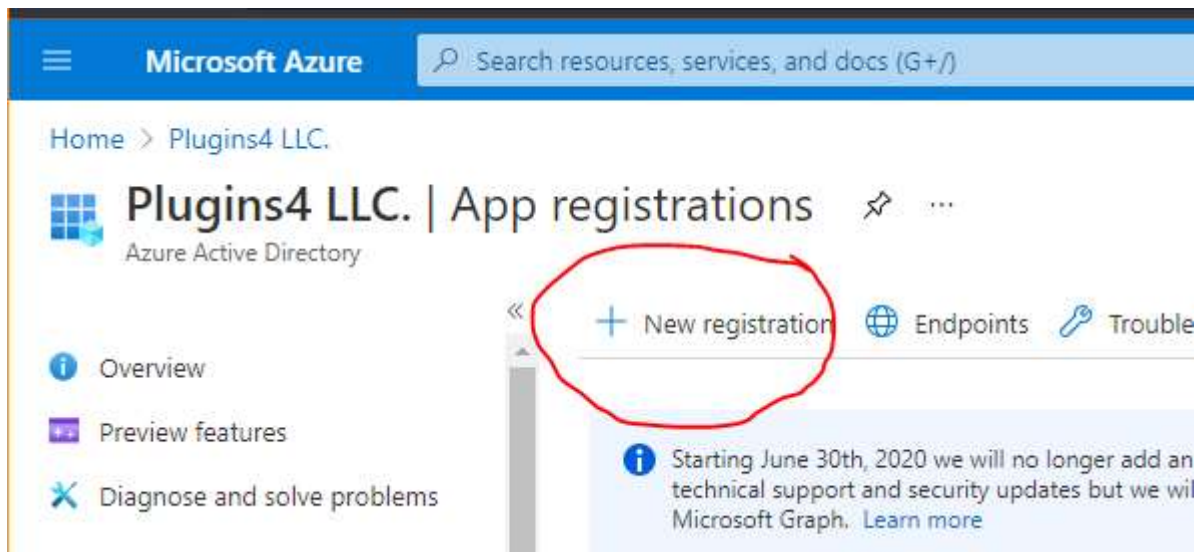


The screenshot displays the Microsoft Azure portal interface. At the top, the browser's address bar shows the URL `portal.azure.com/#blade/Microsoft_AAD_IAM/ActiveDirectory`. The page title is "Plugins4 LLC. | Overview" under the "Azure Active Directory" section. The left-hand navigation pane lists various management options, with "App registrations" circled in red. The main content area includes tabs for "Overview", "Monitoring", and "Tutorial", a search bar labeled "Search your tenant", and a "Basic information" section containing the following details:

Property	Value
Name	Plugins4 LLC
Tenant ID	7e3b81e3-4e35-a68c-4366-2d13-9fba
Primary domain	plugins4.com
License	Assigned

Below the "Basic information" section is a "My feed" area showing a user profile for Shannon Anderson, identified as a Global administrator.

Now select *New Registration* from the top menu



When the Register an application page appears, enter your application's registration information:

You will need the name and the account support type to be set. The Redirect is not used at all so can remain as is.

Microsoft Azure

Search resources, services, and docs (G+/)

Home > Plugins4 LLC. >

Register an application ...

* Name

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

Office365ForAutomate

Supported account types

Who can use this application or access this API?

☒ Accounts in this organizational directory only (Plugins4 LLC. 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

☐ 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 URI is optional, but a value is required for most authentication scenarios.

Web

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

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

Register

Select the Register button to complete new application registration. The next page displayed will have your "ClientID" and "TenantID". You will need these ID's so copy and paste them into a text file for later use. These will be the 2 of 3 key IDs needed to get rolling with REST API access.

In the same window is the "Certificates & Secrets" menu item (Left Panel). You will need to select this to get the 3rd ID the "SecretID".

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

Home > Plugins4 LLC. >

Office365ForAutomate

Search (Ctrl+/) Delete Endpoints Preview features

- Overview
- Quickstart
- Integration assistant

Manage

- Branding
- Authentication
- Certificates & secrets**
- Token configuration
- API permissions
- Expose an API
- App roles

Essentials

Display name
Office365ForAutomate

Application (client) ID
1a440c52-1f5d-4aca-8a8a-7abe706019ec

Object ID
05fcb483-a410-46d9-93f9-c444a95d3789

Directory (tenant) ID
7af3e67f-d2da-4afc-9c22-8a917c3da73c

Supported account types
My organization only

Welcome to the new and improved App registrations. Looking to learn how it's

In the Certificate & Secrets panel select the "New client secret" button

Office365ForAutomate | Certificates & secrets

Search (Ctrl+/) Got feedback?

Credentials enable confidential applications to identify themselves to the authentication service (instead of a client secret). For a higher level of assurance, we recommend using a certificate (instead of a client secret).

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

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

A secret string that the application uses to prove its identity when requesting a token. Also

+ New client secret

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

In the Add a client secret pop up set the following information and click “Add”.

Add a client secret ×

Description

Office365ForAutomate-Secret

Expires

24 months ✓

You will get a new Secret ID and “Value”

Certificates (0)

Client secrets (1)

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
Office365ForAutomate-Secret	10/27/2023	1g77Q~yHptajSKFGljucw [REDACTED]	0db24173-04c5-491c-879f- [REDACTED]

But Wait!!!

Not so fast....

You were about to grab “0db24173-04c5-491c-879” as your SecretID weren’t you? Everyone makes that mistake!

You want the “Value” of the SecretID as your SecretID..

You are still not done yet, yes you have the 3 IDs needed now but you still need to “Grant Permissions” to this new 3 ID combo.

Now select from the left menu the API permissions tool.

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

Home > Plugins4 LLC > Office365ForAutomate

Office365ForAutomate | Certificates & secrets

Search (Ctrl+ /) << Got feedback?

Overview
Quickstart
Integration assistant

Manage

- Branding
- Authentication
- Certificates & secrets**
- Token configuration
- API permissions
- Expose an API
- App roles

Application registration certificate

Credentials enable confidential applications to authenticate with the application (using a certificate scheme). For a higher level of assurance, you can use a certificate.

Certificates (0) Client secrets

A secret string that the application can use to authenticate with the application.

+ New client secret

Description

Office365ForAutomate-Secret

That will launch the following panel

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

Home > Plugins4 LLC. > Office365ForAutomate

Office365ForAutomate | API permissions

Search (Ctrl+/) Refresh Got feedback?

- Overview
- Quickstart
- Integration assistant

Manage

- Branding
- Authentication
- Certificates & secrets
- Token configuration
- API permissions

The "Admin consent required" column shows the default value for an orga reflect the value in your organization, or in organizations where this app w

Configured permissions

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

+ Add a permission	Grant admin consent for Plugins4 LLC.	
API / Permissions name	Type	Description
Microsoft Graph (1)		

Select to add permissions button, remember the Grant Button exists.


Add the Microsoft Office 365 Management API to your API permissions.

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 Azure AD, 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 DevOps**


Integrate with Azure DevOps and Azure DevOps server

**Azure Service Management**


Programmatic access to much of the functionality available through the Azure portal

**Data Export Service for Microsoft Dynamics 365**


Export data from Microsoft Dynamics CRM organization to an external destination

**Dynamics 365 Business Central**


Programmatic access to data and functionality in Dynamics 365 Business Central

**Dynamics CRM**


Access the capabilities of CRM business software and ERP systems

**Flow Service**

Embed flow templates and manage flows

**Intune**

Programmatic access to Intune data

**Office 365 Management APIs**

Retrieve information about user, admin, system, and policy actions and events from Office 365 and Azure AD activity logs

Select the permissions type as Application Permissions

< All APIs



Office 365 Management APIs

<https://manage.office.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.

Next select the following 3 permission sets from API

Permission	Admin consent required
✓ ActivityFeed (2)	
<input checked="" type="checkbox"/> ActivityFeed.Read ⓘ Read activity data for your organization	Yes
<input checked="" type="checkbox"/> ActivityFeed.ReadDlp ⓘ Read DLP policy events including detected sensitive data	Yes
✓ ServiceHealth (1)	
<input checked="" type="checkbox"/> ServiceHealth.Read ⓘ Read service health information for your organization	Yes

Here is where you will need to Select to Grant admin permissions.

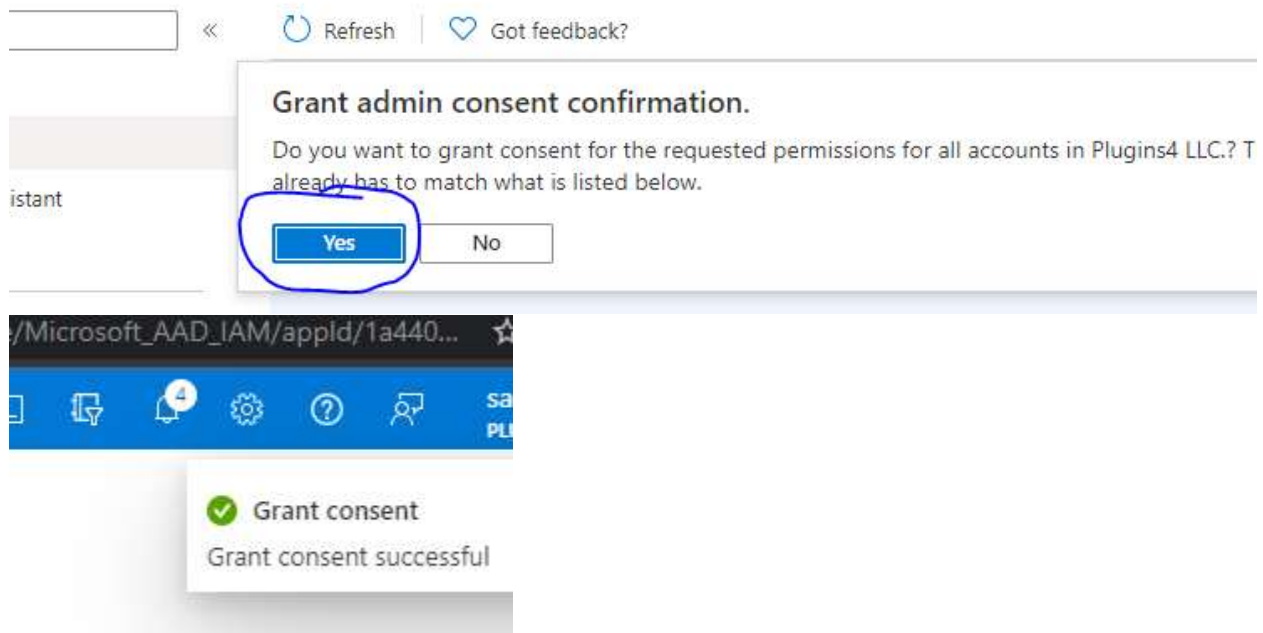
Configured permissions

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 Plugins4 LLC.

API / Permissions name	Type	Description	Admin consent requ...	Status
✓ Microsoft Graph (1)				***
User.Read	Delegated	Sign in and read user profile	No	✓ Granted for Plugins4 LLC. ***
✓ Office 365 Management APIs (3)				***
ActivityFeed.Read	Application	Read activity data for your organization	Yes	✓ Granted for Plugins4 LLC. ***
ActivityFeed.ReadDlp	Application	Read DLP policy events including detected sensitive data	Yes	✓ Granted for Plugins4 LLC. ***
ServiceHealth.Read	Application	Read service health information for your organization	Yes	✓ Granted for Plugins4 LLC. ***

365ForAutomate | API permissions



Now you are ready to place the ClientID, TenantID and SecretID into Office365 for Automate.

Office365 for Automate

Office 365 for Automate

Client Data Collection

Configure client for data retrieval

Select one agent per client account as scanner (\$)

JTI-SVRDC00 -> (\$)

Scan MSOL for

- ☒ Azure AD
- ☒ Exchange
- ☒ SharePoint
- ☒ Exchange Groups

Tenant ID

REST Access

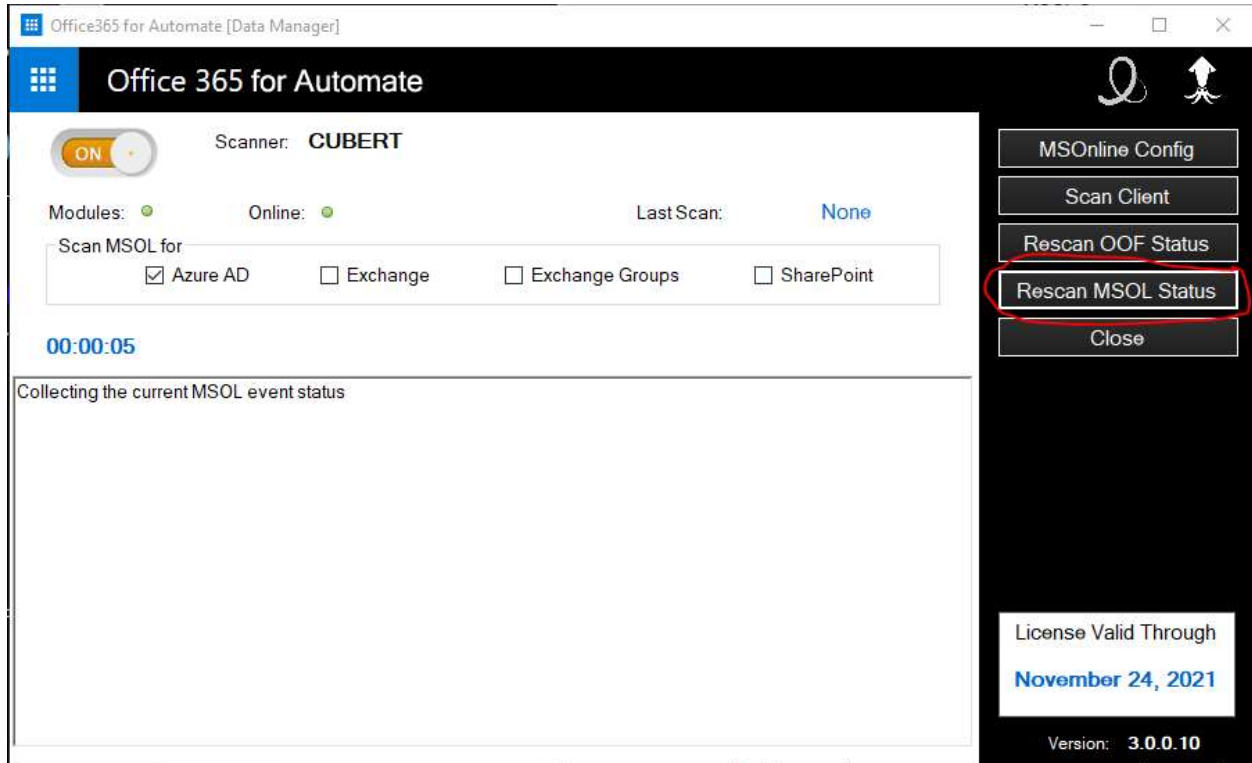
Configure API access to MSOnline Events

ClientID

SecretID (Value)

Save Cancel

Afterwards go test the MSOL Status Scanner to see if you have any issues. It may take up to 10 minutes for the permissions to propagate down to the different services in MSOLine so if at first it fails, wait a few minutes and try again.



Enjoy!