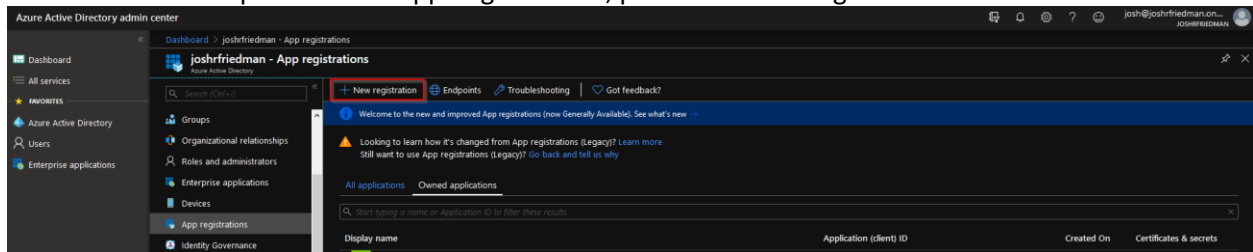
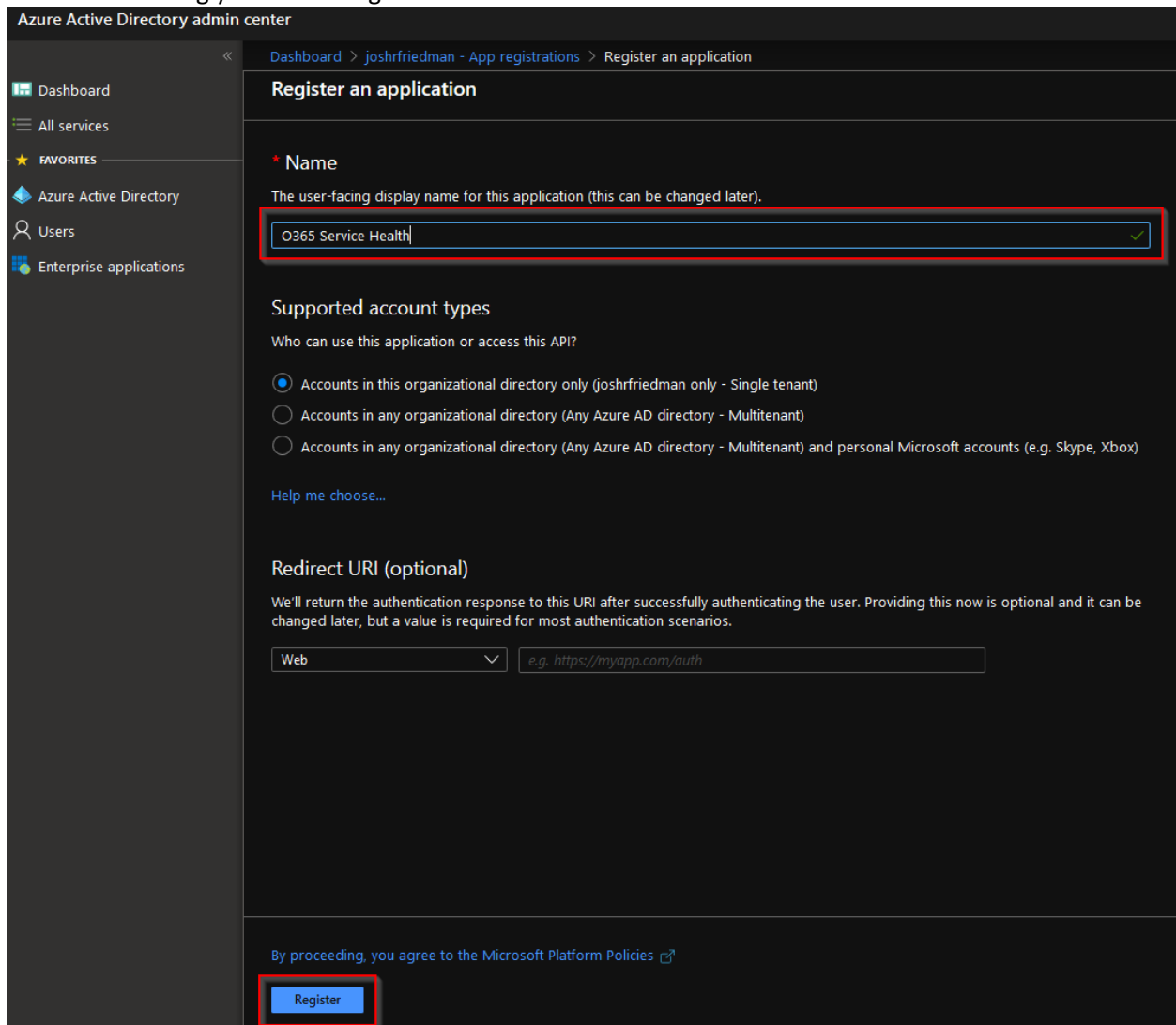


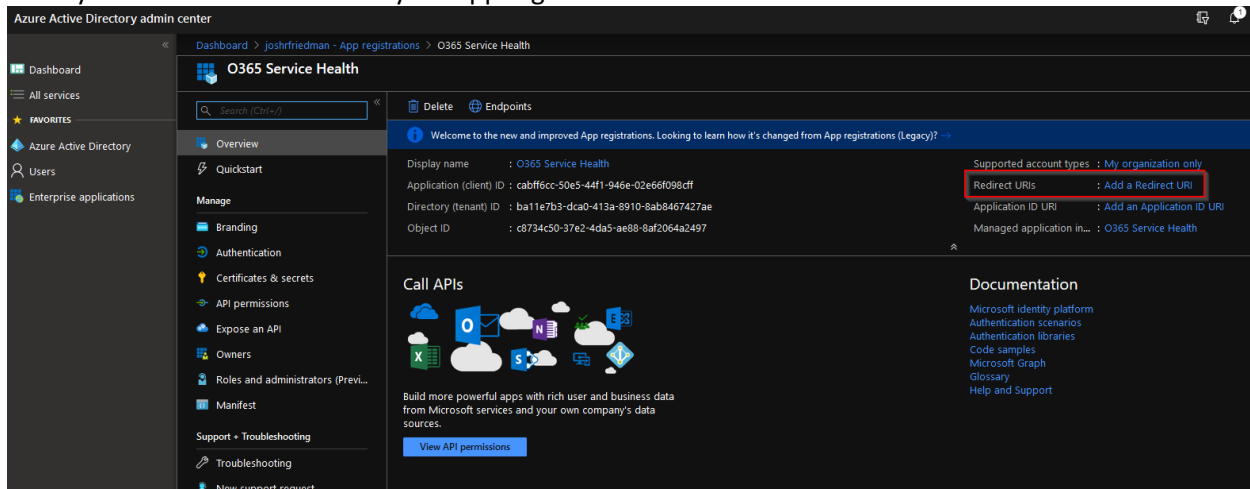
From the Azure AD portal under App Registrations, please hit New Registration



You may call the App Registration whatever you like, I chose "O365 Service Health" for simplicity, once done with naming you can hit register

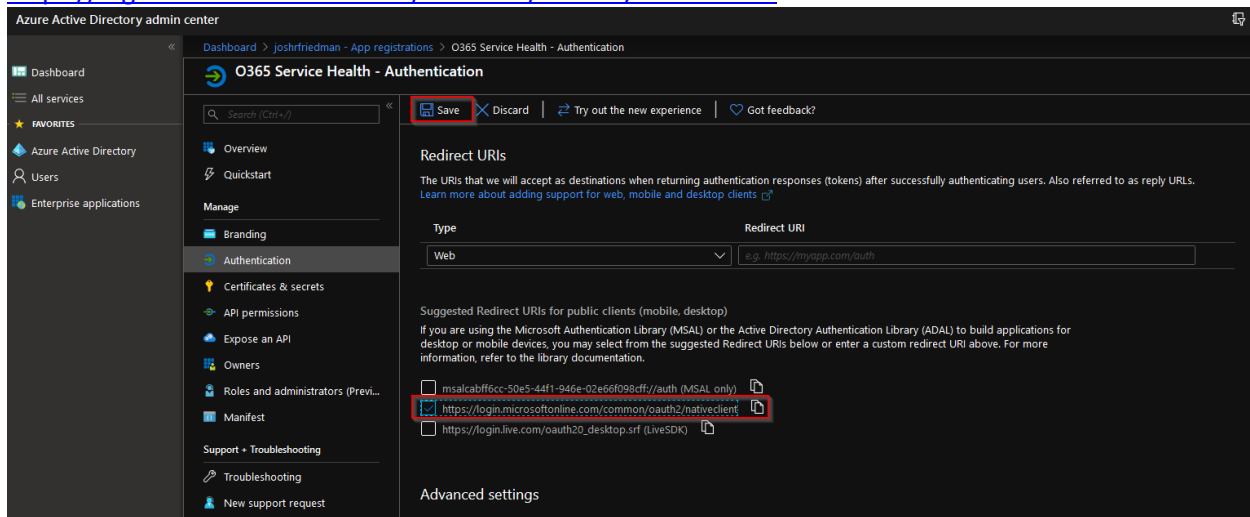


Once you are in the overview of your app registration hit "Add a Redirect URI"

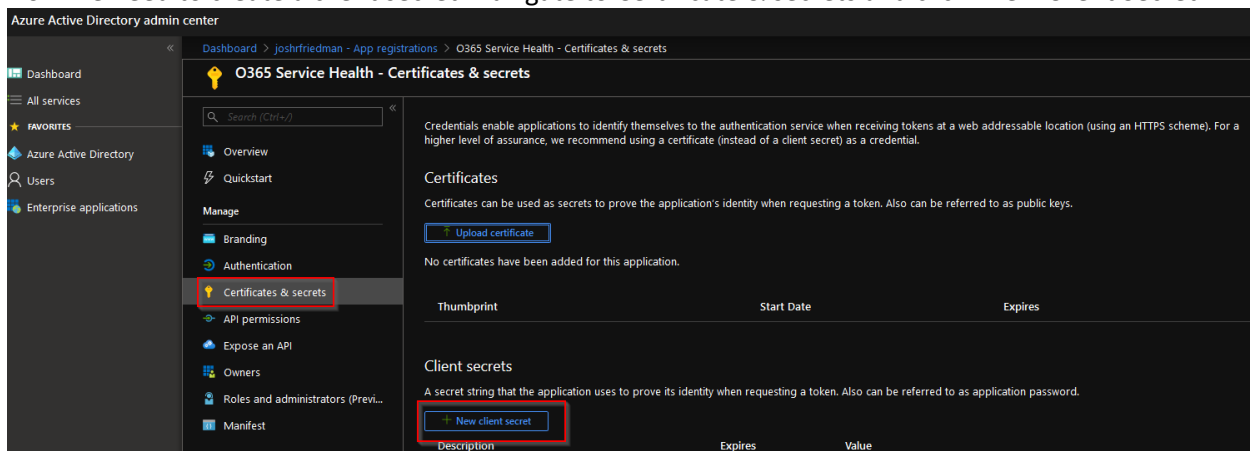


Once on the Redirect URIs page you can select

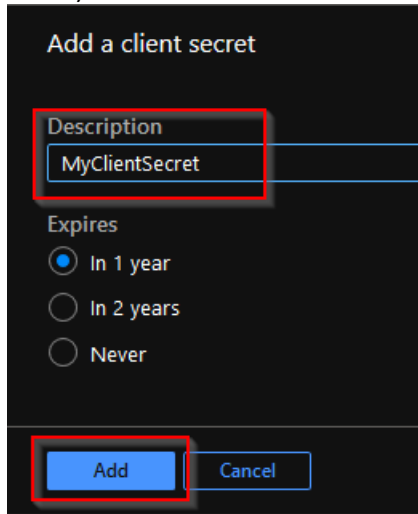
<https://login.microsoftonline.com/common/oauth2/nativeclient> and then save that



Now we need to create a client secret. Navigate to Certificate & secrets and click "New Client Secret"



Give the Client Secret a Description and then hit add. (you can set this expiration to 1 year, 2 years, or never)



Add a client secret

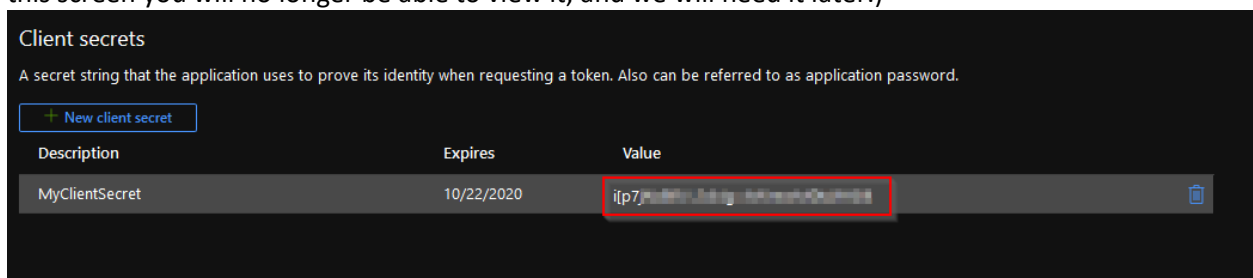
Description
MyClientSecret

Expires

☒ In 1 year
☐ In 2 years
☐ Never

Add Cancel

Once you hit add, copy the client secret value, and save it in a secure place. (once we click away from this screen you will no longer be able to view it, and we will need it later.)



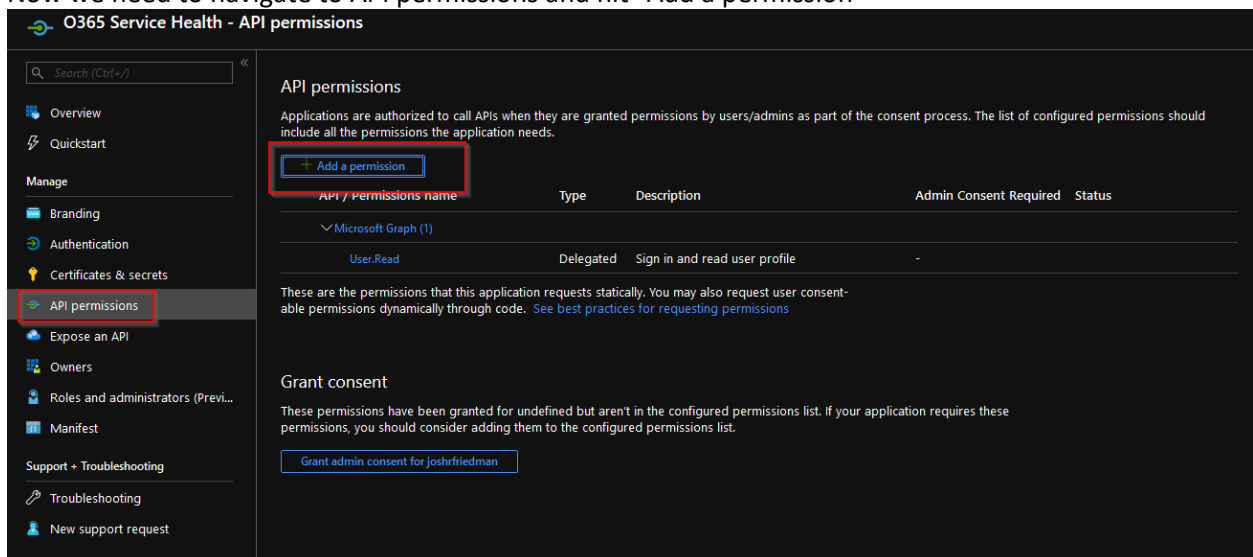
Client secrets

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
MyClientSecret	10/22/2020	iiP7...

Now we need to navigate to API permissions and hit "Add a permission"



O365 Service Health - API permissions

Search (Ctrl+F)

Overview
Quickstart
Manage
Branding
Authentication
Certificates & secrets
API permissions
Expose an API
Owners
Roles and administrators (Previous version)
Manifest
Support + Troubleshooting
Troubleshooting
New support request

API 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.

+ Add a permission

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

These are the permissions that this application requests statically. You may also request user consentable permissions dynamically through code. [See best practices for requesting permissions](#)

Grant consent

These permissions have been granted for undefined but aren't in the configured permissions list. If your application requires these permissions, you should consider adding them to the configured permissions list.

Grant admin consent for joshfriedman

You should be able to select "Office 365 Management APIs"
















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 Data Catalog Programmatic access to Data Catalog resources to register, annotate and search data assets	 Azure DevOps Integrate with Azure DevOps and Azure DevOps server	 Azure Rights Management Services Allow validated users to read and write protected content
 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	 OneNote Create and manage notes, lists, pictures, files, and more in OneNote notebooks	 Power BI Service Programmatic access to Dashboard resources such as Datasets, Tables, and Rows in Power BI
 PowerApps Runtime Service Powerful data storage, modeling, security and integration capabilities	 SharePoint Interact remotely with SharePoint data	 Skype for Business Integrate real-time presence, secure messaging, calling, and conference capabilities

Now select Application permissions then drop down the ServiceHealth permission and check the box for ServiceHealth.Read and then hit add permission

Request API 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.

Select permissions expand all

Type to search

Permission	Admin Consent Required
> ActivityFeed	
> ActivityReports	
▼ ServiceHealth (1)	
<input checked="" type="checkbox"/> ServiceHealth.Read Read service health information for your organization ⓘ	Yes
> ThreatIntelligence	

Add permissions

Discard

You will also need to grant admin consent to this app registration

Permissions have changed, please wait 10 seconds before granting admin consent. Users and/or admins will have to consent even if they have already done so previously.

API 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.

[Add a permission](#)

API / Permissions name	Type	Description	Admin Consent Required	Status
Microsoft Graph (1)				
User.Read	Delegated	Sign in and read user profile	-	
Office 365 Management APIs (1)				
ServiceHealth.Read	Application	Read service health information for your orga...	Yes	⚠ Not granted for joshfriedman

These are the permissions that this application requests statically. You may also request user consent-able permissions dynamically through code. [See best practices for requesting permissions](#)

Grant consent

These permissions have been granted for undefined but aren't in the configured permissions list. If your application requires these permissions, you should consider adding them to the configured permissions list.

[Grant admin consent for joshfriedman](#)

Now that you have the app registration, please go back to the overview tab as we will need to collect some information from there. You will need to copy the Client ID and the Tenant ID, as we will need to use these in powershell.

Overview

Display name : O365 Service Health

Application (client) ID : cabff6cc-11ce-4f7c-8f2d-4a2497

Directory (tenant) ID : ba11e7b3-d1e5-4d88-ba20-6a2497

Object ID : c8734c50-37e2-4da5-ae88-8af2064a2497

Supported account types : My organization only

Redirect URIs : 0 web, 1 public client

Application ID URI : Add an Application ID URI

Managed application in... : O365 Service Health

Call APIs

Documentation

Microsoft identity platform

Open the O365ServiceHealth.ps1 to edit the Client and Tenant ID, as well as the Secret. This will need to match the App Registration we have just created.

```
#####
# Description:
# This script can be used to access the Office 365 Service Communications Management API.
# Once configured using the app registration from Azure AD, you can view Office 365 Service
# Health Information. This script will output the incident information immediately for you
# in a grid view, as well as saving all of the Incident, Advisory, and Message Center Posts
# to a CSV file under C:\temp\O365ServiceHealth_<datetime>
#####

# App Registration Variables (Must be configured to match the app registration created in Azure AD)
#####
$tenantId = "ba11e7b3-d1e5-4d88-ba20-6a2497"
$client_id = "11ce5f7c-8f2d-4a24-97ba-11ce5f7c8f2d"
$client_secret = "N[6gzW-11ce5f7c-8f2d-4a24-97ba-11ce5f7c8f2d]"
#####
```