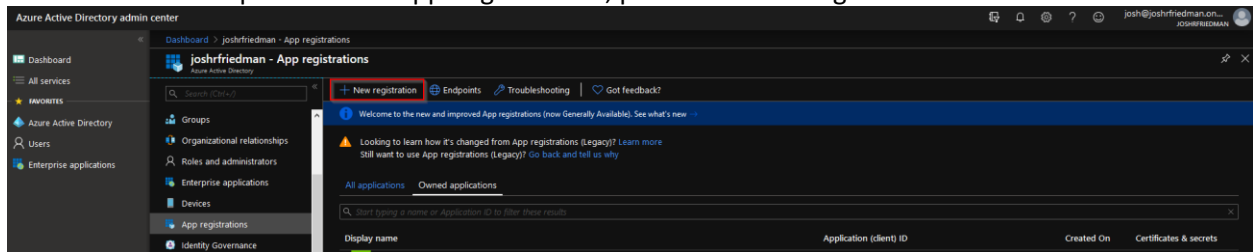
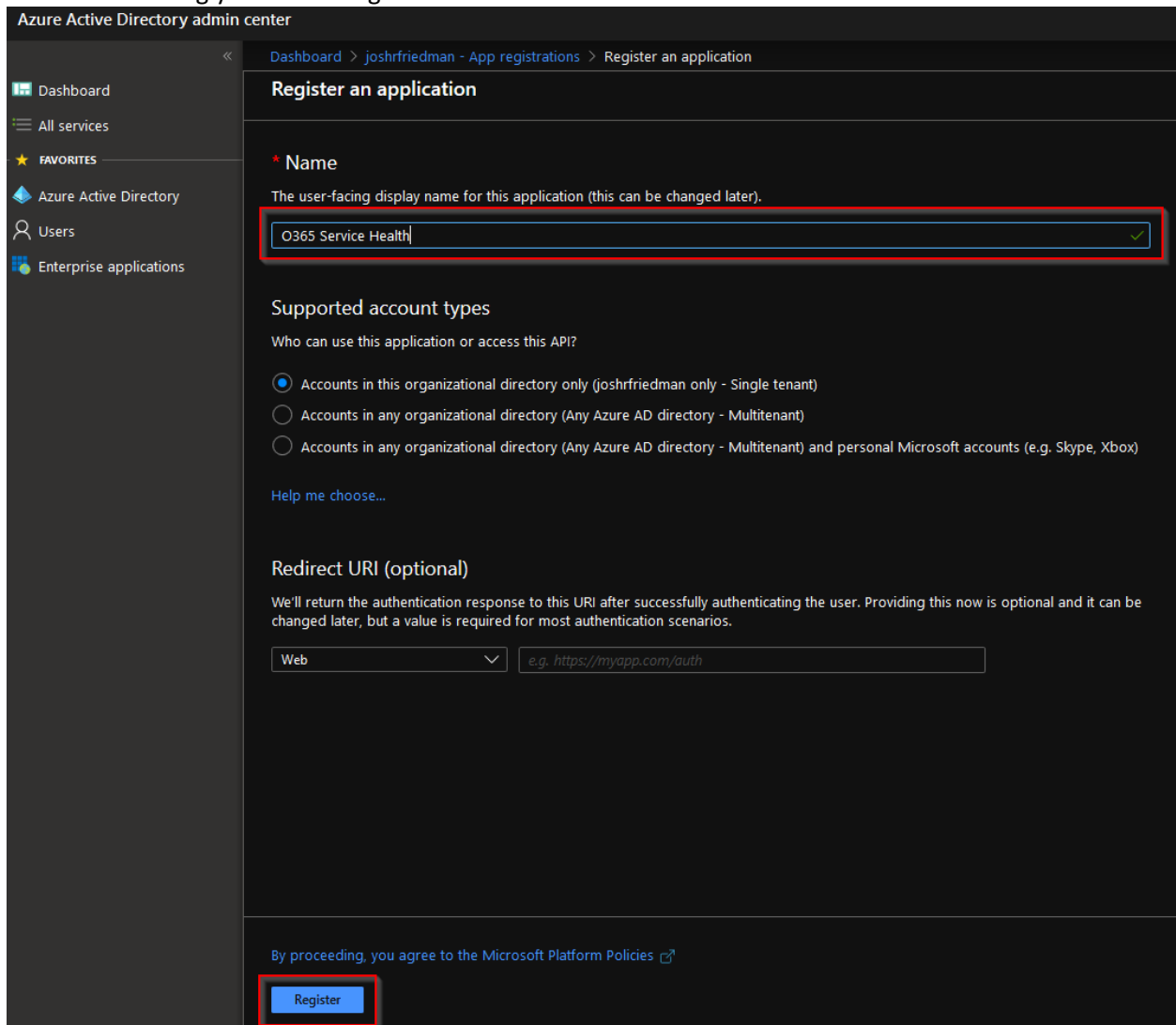


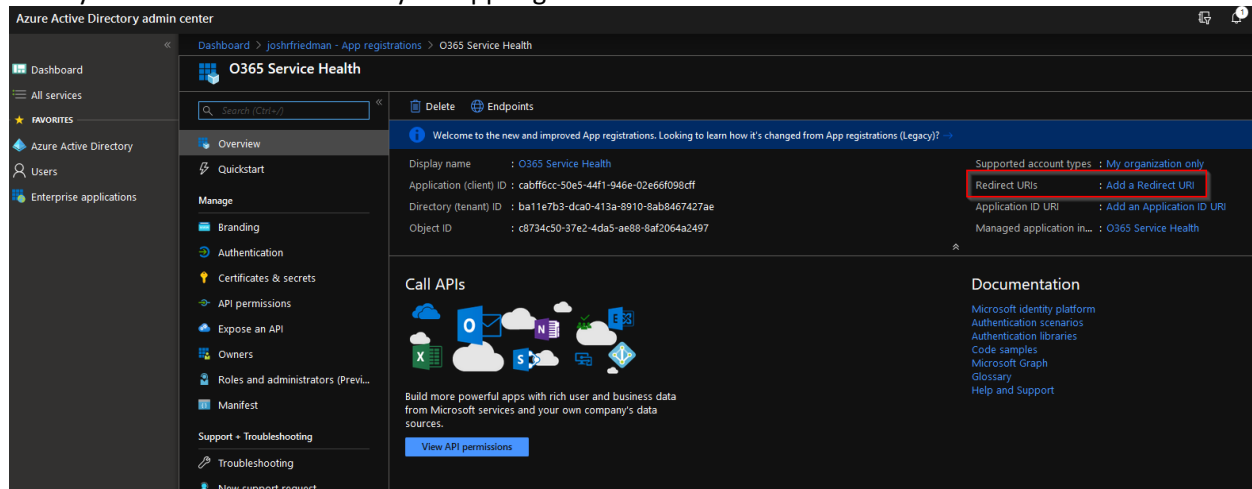
From the Azure AD portal under App Registrations, please hit New Registration



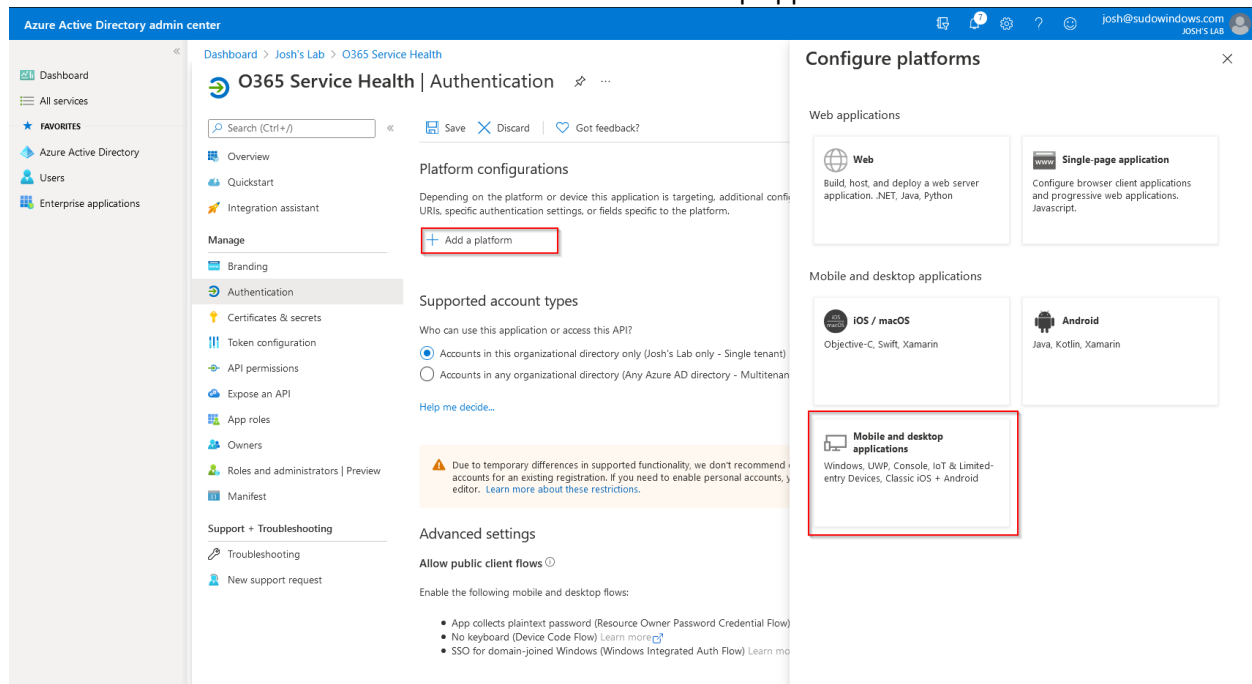
You may call the App Registration whatever you like, I chose "O365 Service Health" for simplicity, once done with naming you can hit register



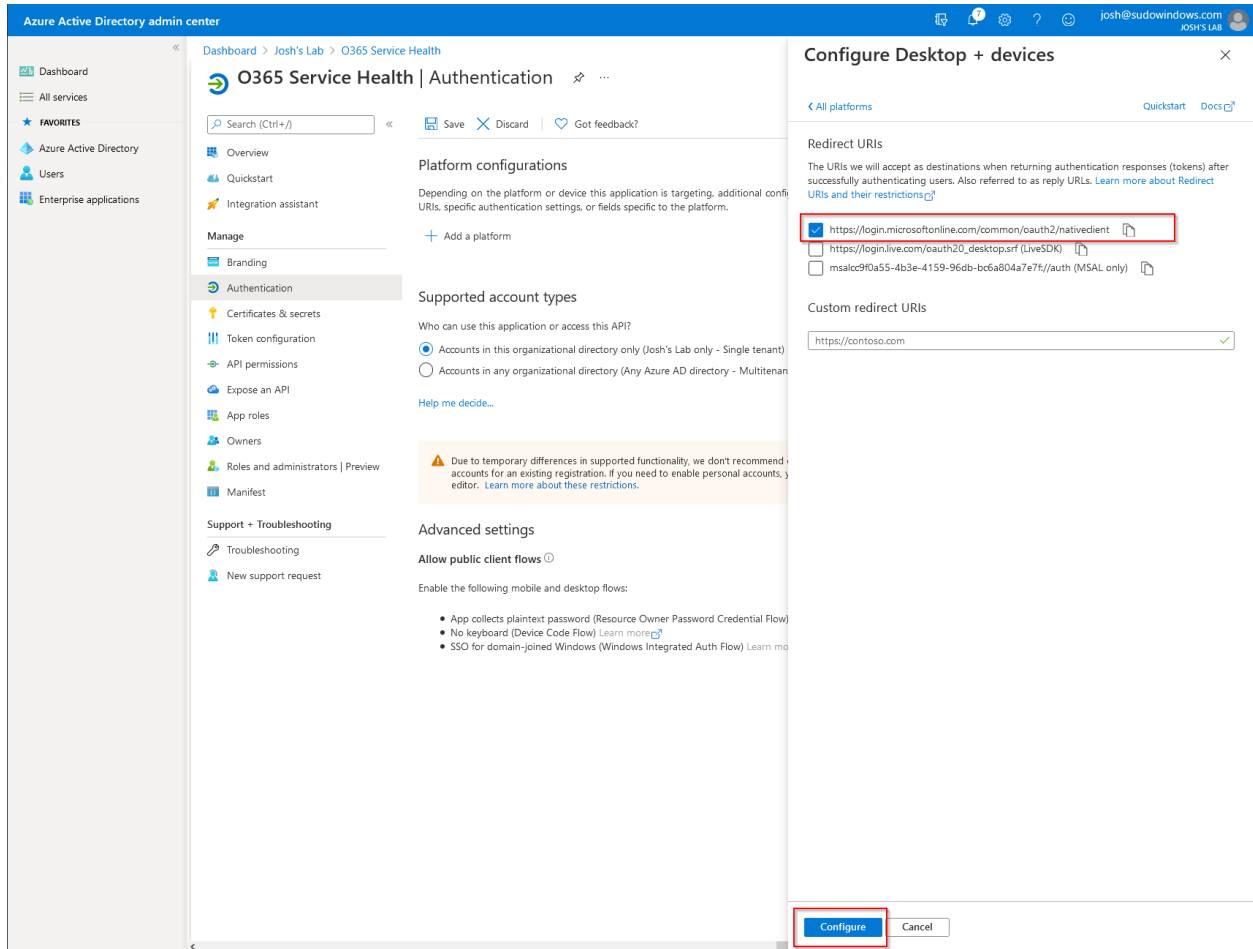
Once you are in the overview of your app registration hit "Add a Redirect URI"



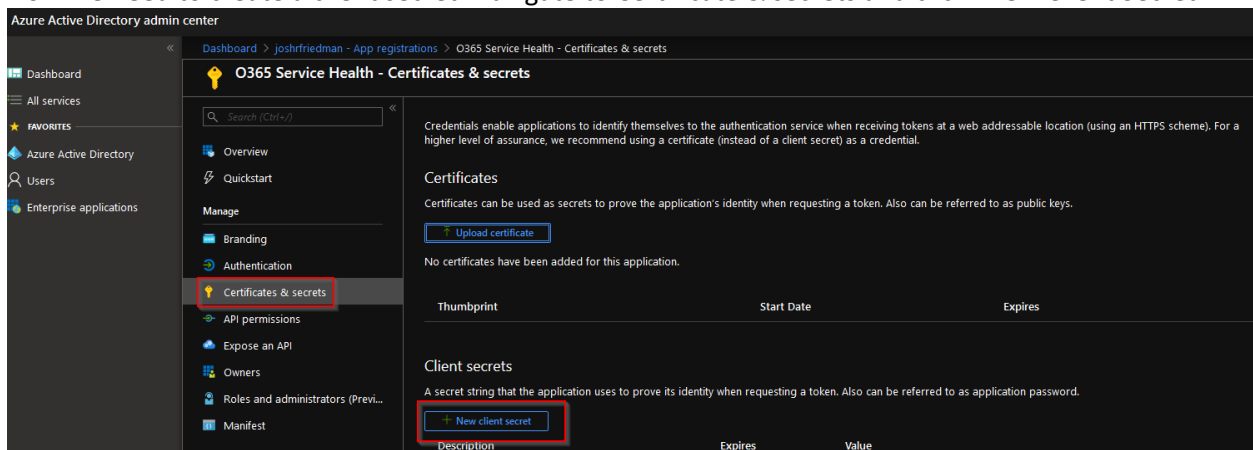
From here select "Add Platform" > Select "Mobile and desktop applications"



Select the option for <https://login.microsoftonline.com/common/oauth2/nativeclient> then hit configure



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

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 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

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.

 <b>Azure Data Catalog</b> Programmatic access to Data Catalog resources to register, annotate and search data assets	 <b>Azure DevOps</b> Integrate with Azure DevOps and Azure DevOps server	 <b>Azure Rights Management Services</b> Allow validated users to read and write protected content
 <b>Azure Service Management</b> Programmatic access to much of the functionality available through the Azure portal	 <b>Data Export Service for Microsoft Dynamics 365</b> Export data from Microsoft Dynamics CRM organization to an external destination	 <b>Dynamics 365 Business Central</b> Programmatic access to data and functionality in Dynamics 365 Business Central
 <b>Dynamics CRM</b> Access the capabilities of CRM business software and ERP systems	 <b>Flow Service</b> Embed flow templates and manage flows	 <b>Intune</b> Programmatic access to Intune data
 <b>Office 365 Management APIs</b> Retrieve information about user, admin, system, and policy actions and events from Office 365 and Azure AD activity	 <b>OneNote</b> Create and manage notes, lists, pictures, files, and more in OneNote notebooks	 <b>Power BI Service</b> Programmatic access to Dashboard resources such as Datasets, Tables, and Rows in Power BI
 <b>PowerApps Runtime Service</b> Powerful data storage, modeling, security and integration capabilities	 <b>SharePoint</b> Interact remotely with SharePoint data	 <b>Skype for Business</b> 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	
<b>ServiceHealth (1)</b>	
<input checked="" type="checkbox"/> <b>ServiceHealth.Read</b> 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-4b7c-8f2d-4a2497

Directory (tenant) ID : ba11e7b3-d1e1-4b7c-8f2d-4a2497

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-d1e1-4b7c-8f2d-4a2497"
$client_id = "11ce5f7c-11ce-4b7c-8f2d-4a2497"
$client_secret = "N[6gzW-11ce-4b7c-8f2d-4a2497"
#####
```