Unknown Cyber Customer Setup (Azure)

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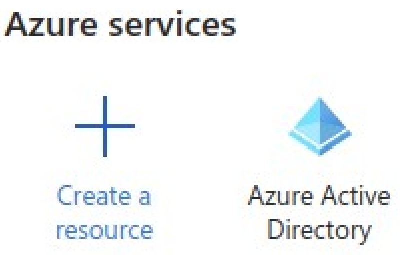
IMPORTANT!!!!!

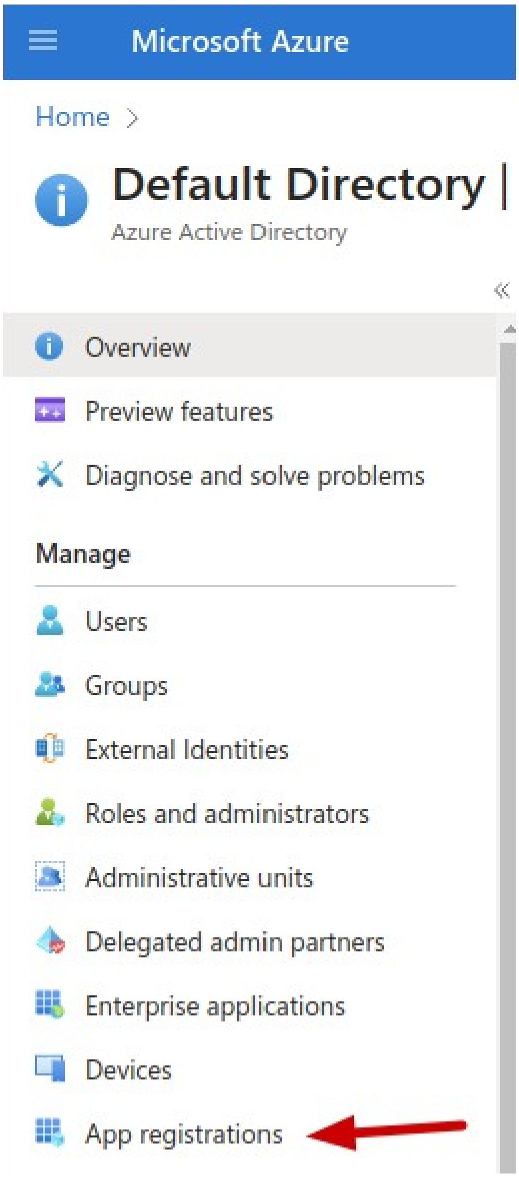
You must be a Global Administrator or have equivalent rights to complete this setup guide.

1. Open to portal.azure.com and authenticate with your company credentials.

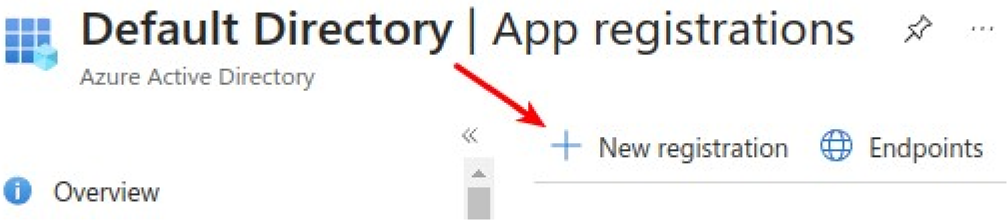


Select Azure Active Directory

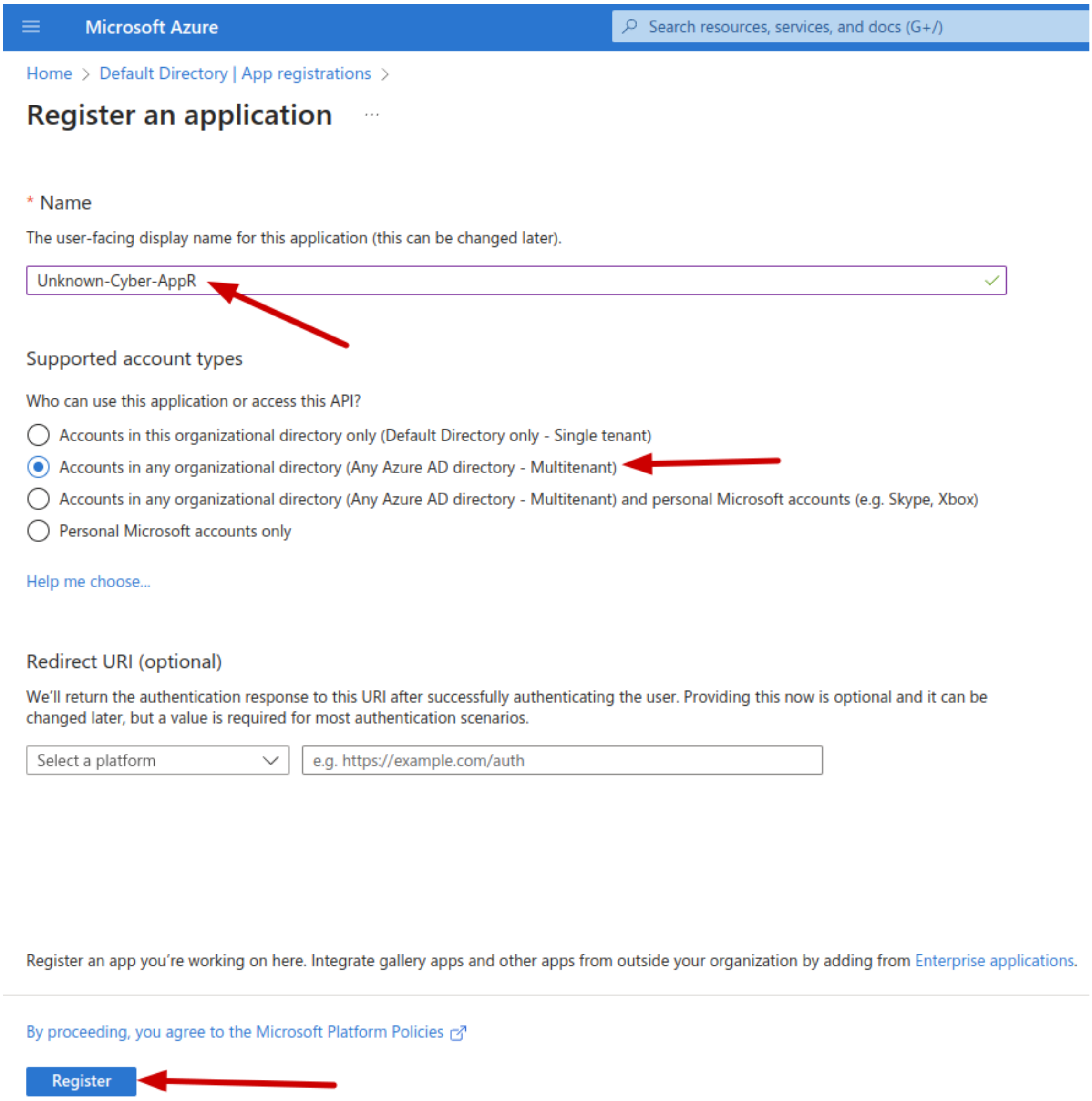
2. Create your App Registration



- Scroll down and Select “App Registrations”



- Select New Registration



Microsoft Azure
Search resources, services, and docs (G+/)
Home > Default Directory | App registrations >

Register an application

* Name

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

Unknown-Cyber-AppR

Supported account types

Who can use this application or access this API?

○ Accounts in this organizational directory only (Default Directory 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)
○ Personal Microsoft accounts only

Help me choose...

Redirect URI (optional)

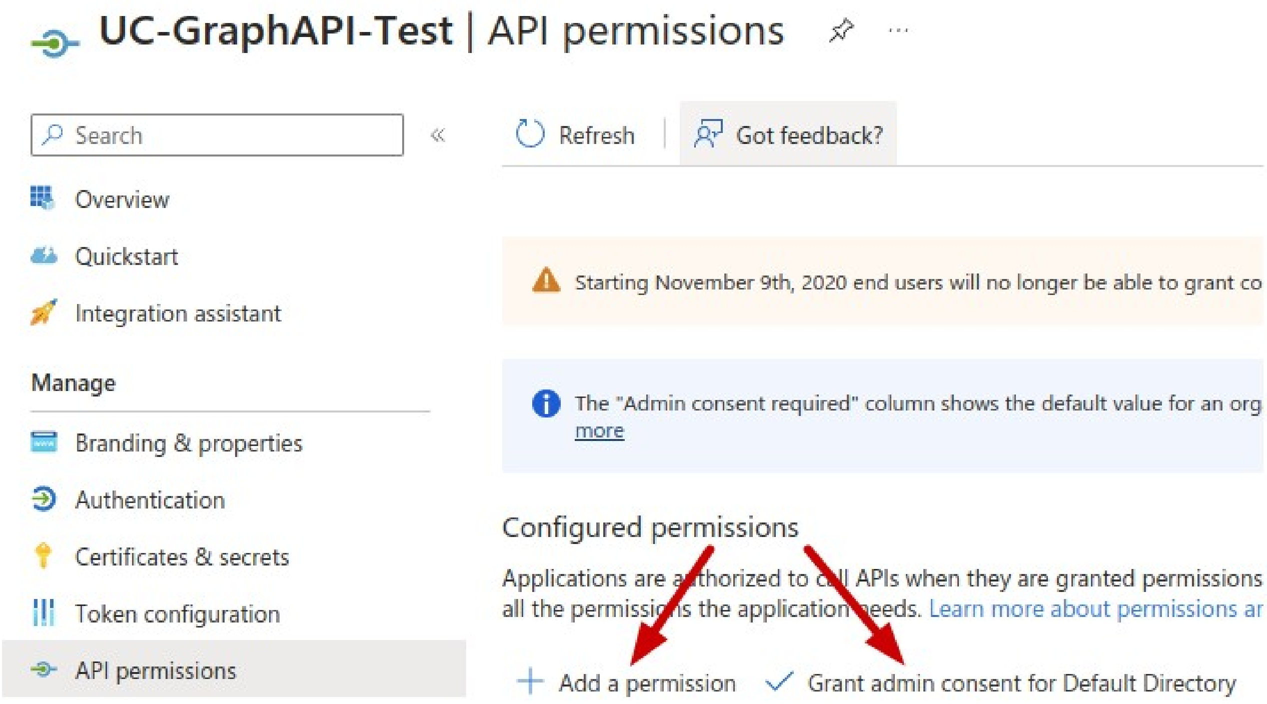
We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be changed later, but a value is required for most authentication scenarios.

Select a platform | e.g. https://example.com/auth

Register an app you're working on here. Integrate gallery apps and other apps from outside your organization by adding from Enterprise applications.

By proceeding, you agree to the Microsoft Platform Policies

- We recommend the naming convention “Unknown-Cyber-AppR-CustomerName”
- Set for Multi-Tenant
- Click Register



UC-GraphAPI-Test | API permissions

Starting November 9th, 2020 end users will no longer be able to grant co

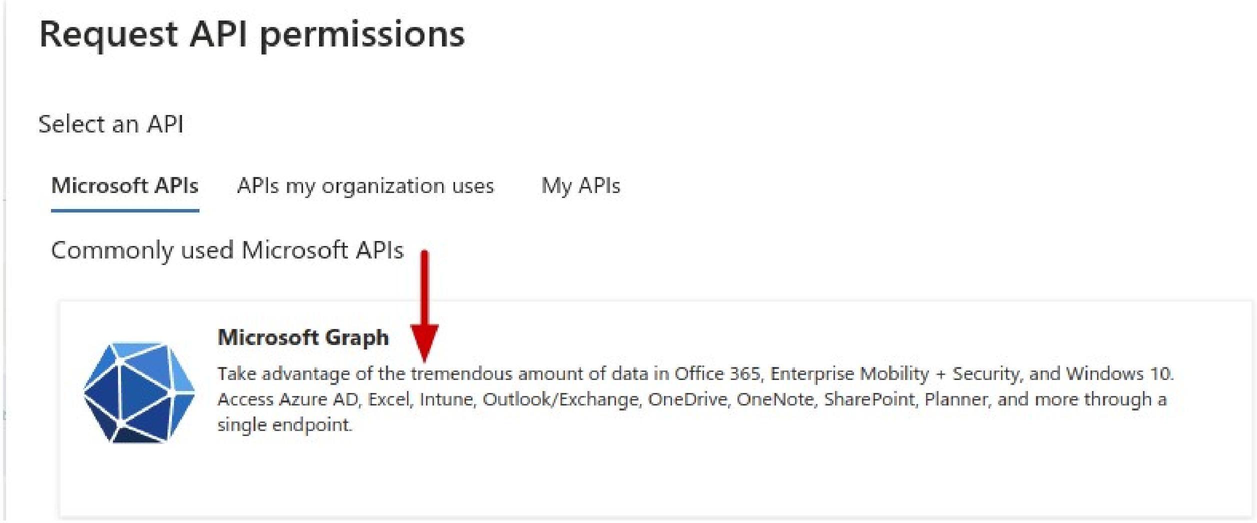
The "Admin consent required" column shows the default value for an org more

Configured permissions

Applications are authorized to call APIs when they are granted permissions all the permissions the application needs. Learn more about permissions ar

3. Set Rights for your App Registration.

- Open the Newly Created App Registration.
- Ensure that “Grant admin consent for Default Directory” has a check mark, if not click the + Next to Grant and go through the wizard.
- Click on Add a Permission



Request API permissions

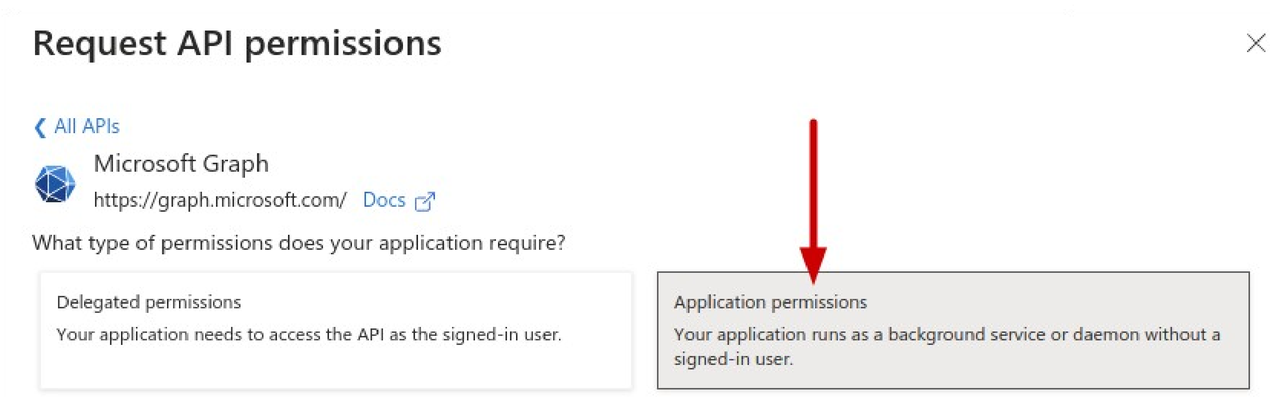
Select an API

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.

- Select Microsoft Graph



Request API permissions

❮ All APIs

Microsoft Graph

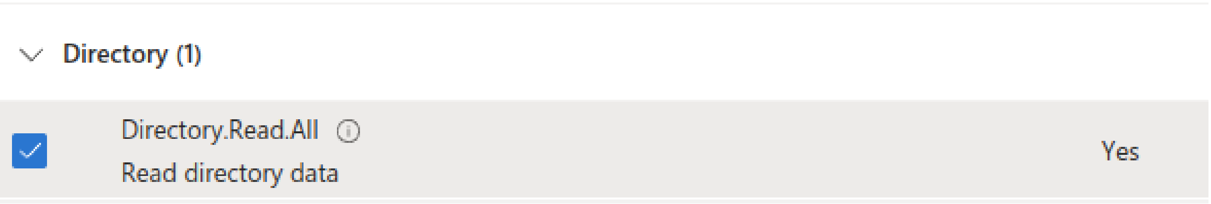
https://graph.microsoft.com/ Docs

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.

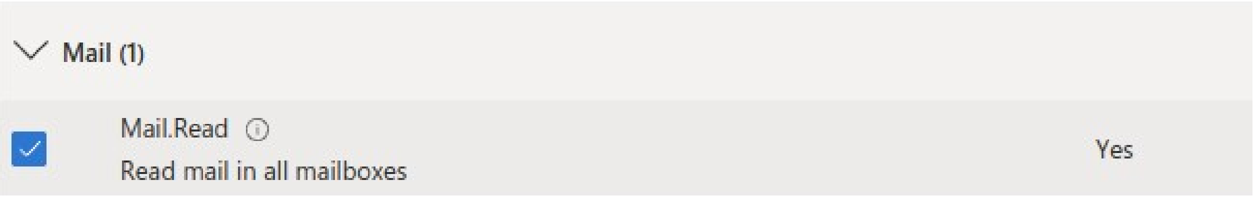
- Set to Application Permissions



Directory (1)

☑ Directory.Read.All
Read directory data — Yes

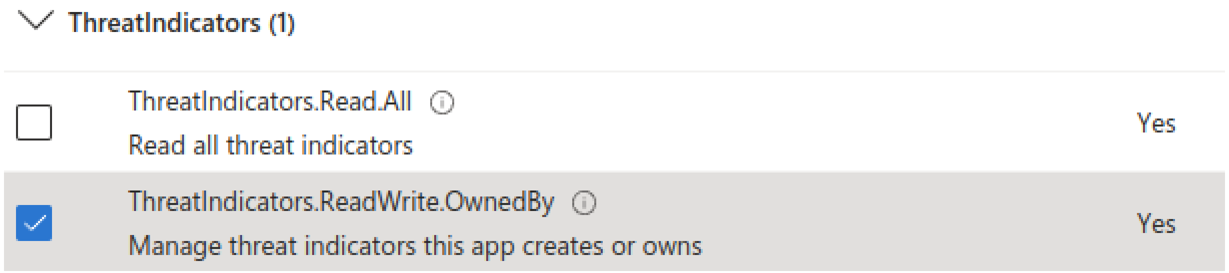
- Select Directory.Read.All



Mail (1)

☑ Mail.Read
Read mail in all mailboxes — Yes

- Select “Mail → Mail.Read”



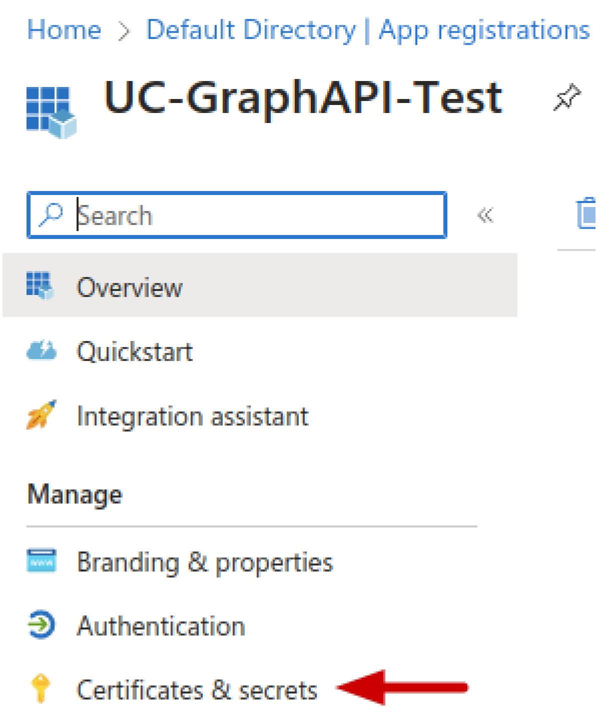
ThreatIndicators (1)

☐ ThreatIndicators.Read.All
Read all threat indicators — Yes

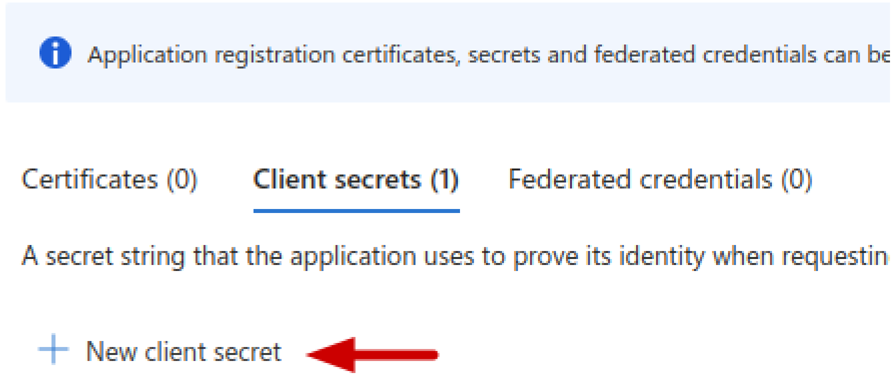
☑ ThreatIndicators.ReadWrite.OwnedBy
Manage threat indicators this app creates or owns — Yes

- Select “ThreatIndicators → ThreatIndicators.ReadWrite.OwnedBy”
- Click “Add permissions” at the bottom of the screen.

4. Create the App Reg Secret

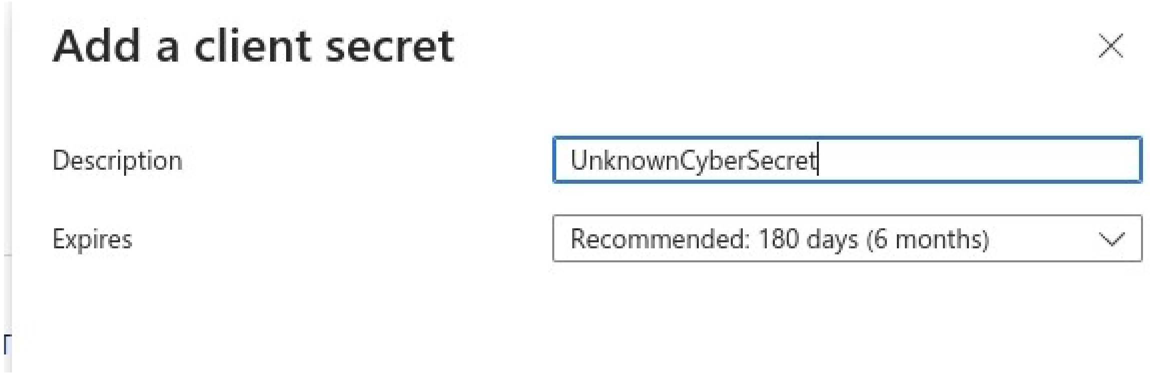


- Select “Certificates and secrets”


Application registration certificates, secrets and federated credentials can be

A secret string that the application uses to prove its identity when requestin

- Click “New client secret”

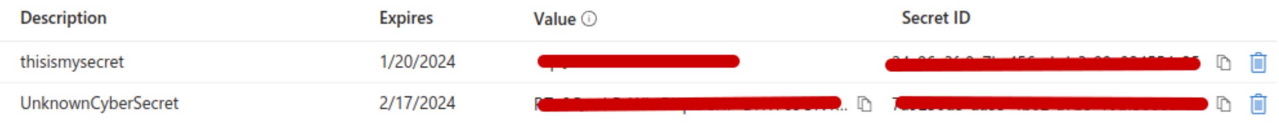

Add a client secret

Description: UnknownCyberSecret

Expires: Recommended: 180 days (6 months)

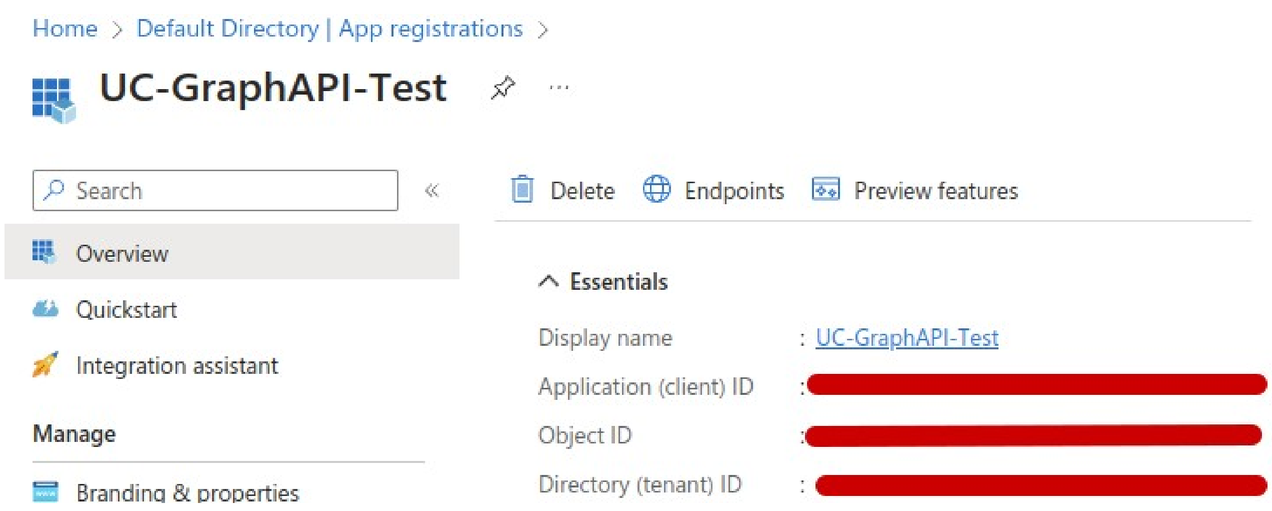
- Description “UnknownCyberSecret” is recommended
- Click Add

5. Gather your information for Registering with Unknown Cyber.



Description	Expires	Value	Secret ID
thisismysecret	1/20/2024	[redacted]	[redacted]
UnknownCyberSecret	2/17/2024	[redacted]	[redacted]

- Click the Copy Icon in the “Value” Column and store that value securely.



Display name : UC-GraphAPI-Test

Application (client) ID : [redacted]

Object ID : [redacted]

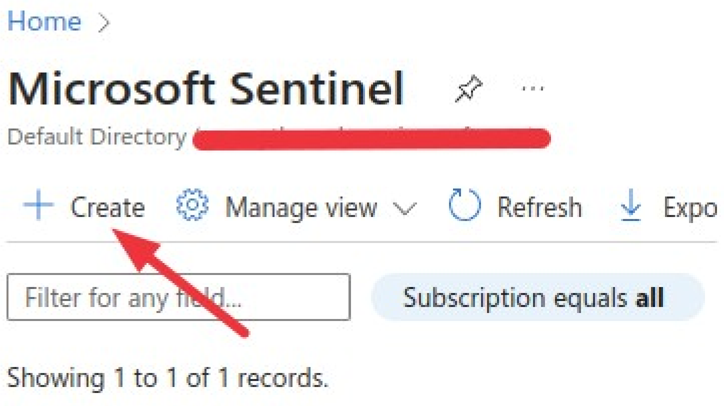
Directory (tenant) ID : [redacted]

- Copy the “Application (client) ID
- Copy the “Directory (tenant) ID
- Contact Unknown Cyber and have the:
  - Application ID
  - Tenant ID
  - Secret Value

6. Setup Azure Sentinel

RECOMMENDED (Optional) – Enable Microsoft Sentinel

- Open “Microsoft Sentinel” from your Azure Portal.

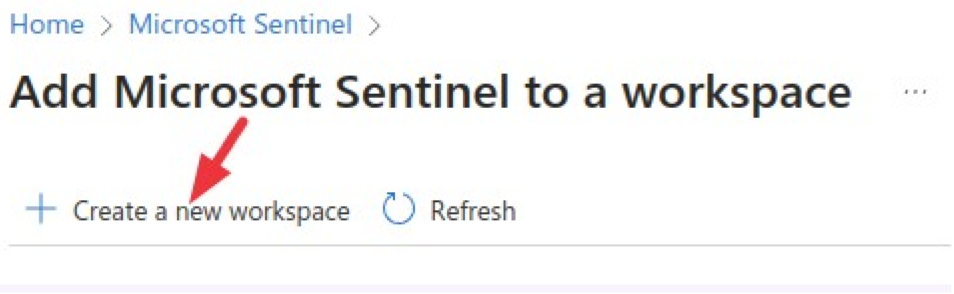


Microsoft Sentinel

Default Directory [redacted]

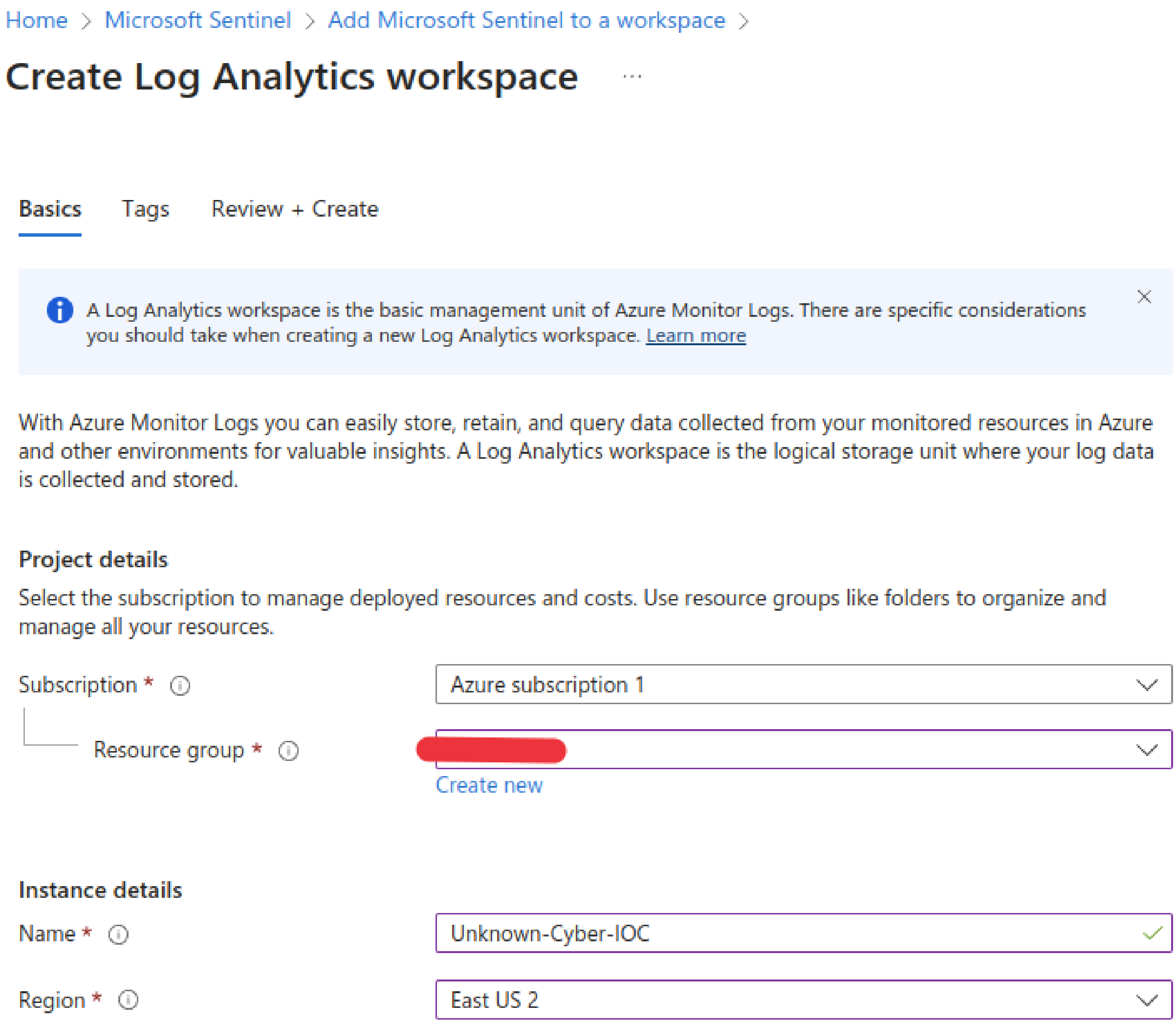
Showing 1 to 1 of 1 records.

- Click “Create”



Add Microsoft Sentinel to a workspace

- Click “Create a new workspace”



Home > Microsoft Sentinel > Add Microsoft Sentinel to a workspace >

Create Log Analytics workspace ...

A Log Analytics workspace is the basic management unit of Azure Monitor Logs. There are specific considerations you should take when creating a new Log Analytics workspace. Learn more

With Azure Monitor Logs you can easily store, retain, and query data collected from your monitored resources in Azure and other environments for valuable insights. A Log Analytics workspace is the logical storage unit where your log data is collected and stored.

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ Azure subscription 1

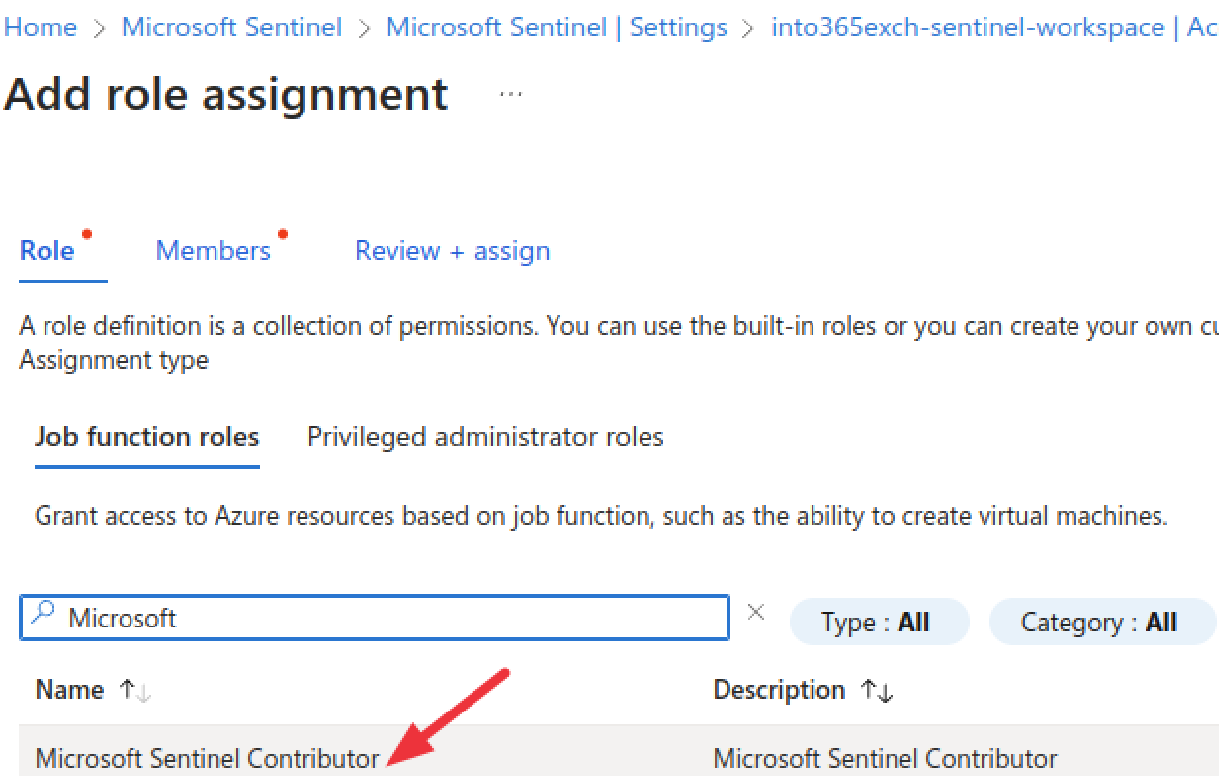
Resource group * ⓘ [redacted]

Instance details

Name * ⓘ Unknown-Cyber-IOC ✓

Region * ⓘ East US 2

- Fill out the details in the Screen then click “Review + Create” wait for the validation to show green. Then click Create.
- Open your newly created Microsoft Sentinel Workspace and navigate to “Access Control (IAM) using the lefthand column.
- Click on “Add - > Add Role Assignment”



Home > Microsoft Sentinel > Microsoft Sentinel | Settings > into365exch-sentinel-workspace | Ac

Add role assignment ...

Role • Members • Review + assign

A role definition is a collection of permissions. You can use the built-in roles or you can create your own cu
Assignment type

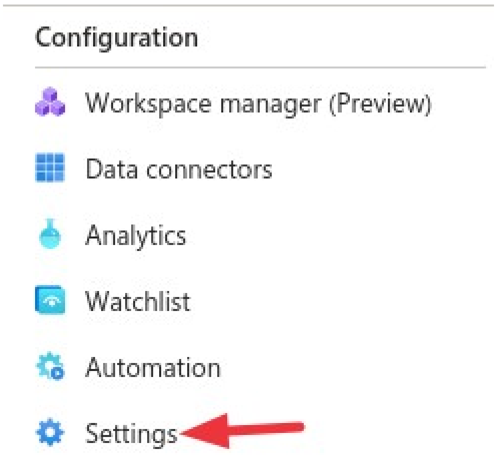
Job function roles Privileged administrator roles

Grant access to Azure resources based on job function, such as the ability to create virtual machines.

Microsoft ✕ Type : **All** Category : **All**

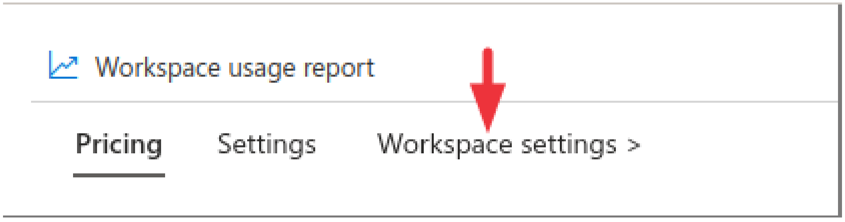
Name ↑↓	Description ↑↓
Microsoft Sentinel Contributor	Microsoft Sentinel Contributor

- Select “Microsoft Sentinel Contributor” for the Role
- For the Member, choose the App Reg you created earlier in this document.
- Move to Review and Assign, then click on “Review + assign”

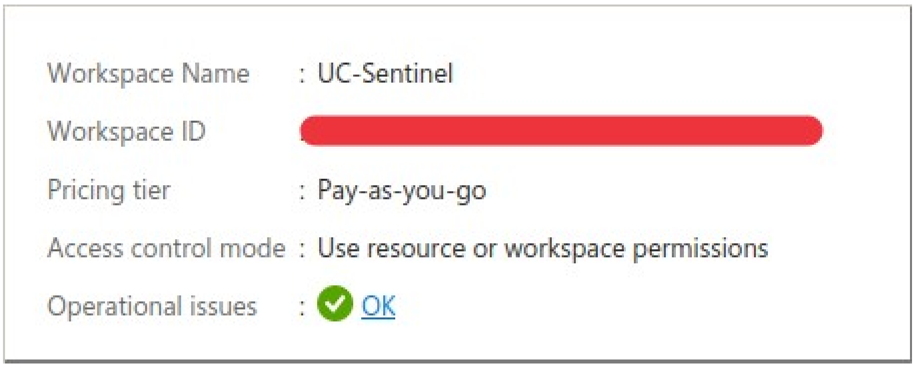


- Select "Settings" Under Configuration inside Sentinel

- Select "Workspace Settings"



- Copy the "Workspace ID" for use in linking Sentinel to Unknown Cyber for receiving IOC feeds



Workspace Name : UC-Sentinel

Workspace ID [redacted]

Pricing tier : Pay-as-you-go

Access control mode : Use resource or workspace permissions

Operational issues : ✓ OK

- You can now proceed with the portal setup.