Registering the Microsoft Graph App on the Microsoft Azure Portal

- 1. Go to the Microsoft Azure portal at <u>https://portal.azure.com/</u> and sign in with your Microsoft Azure account.
- 2. Under Azure services, select Microsoft Entra ID.

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3. Once the page opens hover on **Add** and click on **App registration** from drop down menu.

≡ Microsoft Azure 🔑 Searc	ch resources, services, and docs	(G+/)	D. 6	۵ ۵	@ &	AbhiD@ampventures.on
Home >						
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App registrations	Alero					
Identity Governance	A Microsoft Entra	Connect v1 Retirement Azure A	D is now Microsoft Entra ID			

4. On **Register an application** page enter **Name** of your application (for example **customesignature-graph**)



5. Select Accounts in this organizational directory only (**AMP Ventures only - Single tenant**) option radio button.

By choosing **Supported account types**, specify who can use the application (sometimes called its *sign-in audience*.). Select the option **Accounts in this organizational directory only**.

Register an application * Name The user-facing display name for this application (this can be changed later). customesignature-graph Supported account types Who can use this application or access this API? Image: Counts in this organizational directory only (AMP Ventures only - Single tenant) Image: Counts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant) Image: Counts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant) Image: Counts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant) Image: Counts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant) and personal Microsoft accounts (e.g. Skype, 2000)
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Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox) Descent Microsoft accounts only
Personal Microsoft accounts only
Help me choose
By proceeding, you agree to the Microsoft Platform Policies 🗗
Register

6. Once all above is done, click on Register.

- 7. After redirect Under Manage on the left side menu, select Certificates & secrets.
- 8. On the **Certificates & secrets** page that opens, select **Client secrets**, and click **New client secret**.

Search	≪ 🎗 Got feedback?				
Quickstart Integration assistant	Credentials enable confid scheme). For a higher lev	ential applications to identify ther el of assurance, we recommend u	nselves to the authentication service sing a certificate (instead of a client	when receiving tokens at a web addressable location (using an HTTPS secret) as a credential.	^
anage Branding & properties	 Application registrat 	ion certificates, secrets and federated	credentials can be found in the tabs be	low.	×
Authentication Certificates & secrets	Certificates (0) Clie	nt secrets (0) Federated crea	lentials (0)		
Token configuration	A secret string that the a	application uses to prove its ident	ity when requesting a token. Also ca	in be referred to as application password.	
Expose an API	+ New client secret]			
	Description	Expires	Value 🗊	Secret ID	

9. In the dialog that appears, provide a **Description** for the new secret, select the period after which the secret expires, and then click **Add**.

Home > AMP Ventures Overview > a	istomesignature-graph2	Add a client sec	xret ×
Customesignature-	R Got feedback?	Description Expires	My Secrets 365 days (12 months)
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API permissions Compared by the second sec	New Client secret Description Expires No client secrets have been created for this application.	Value O	
 Roles and administrators Manifest 		Add Cancel]

10. **Copy the secret value** and **make sure to save it somewhere** to access it later because the secret will not be accessible after you proceed from here.

> Search	≪ Ar Got f	eedback?				
 Quickstart Integration assistant 	Credential: scheme). F	s enable confidential applic or a higher level of assurar	ations to identify themselves to nce, we recommend using a ce	o the authentication service when rec rtificate (instead of a client secret) a:	eiving tokens at a web addressable locatior a credential.	n (using an HTTPS
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Note: Copy the secret value on that step because it will not be accessible after you proceed from here.

- 11. Under Manage, on the left side menu, select API permissions.
- 12. On the API permissions page that opens, click Add permission.

₽ Search	≪ ◯ Refresh 🏾 🎘 Got feed	back?			
Quickstart	^				
/ Integration assistant	The "Admin consent requir	ed" column shows t	the default value for an organization. However, use	er consent can be customized per permission, user, or app. This	column may not reflect t
1anage	value in your organization,	or in organizations	where this app will be used. <u>Learn more</u>		
් Branding & properties	Configured permissions				
 Branding & properties Authentication 	Applications are authorized to include all the permissions	call APIs when they	/ are granted permissions by users/admins a	s part of the consent process. The list of configured perm	nissions should
Branding & properties Authentication Certificates & secrets	Configured permissions Applications are authorized to a include all the permissions the a	call APIs when they application needs.	are granted permissions by users/admins as Learn more about permissions and consent	s part of the consent process. The list of configured perm	nissions should
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13. On the Request API permissions window that appears, double click Microsoft Graph.

Home > AMP Ventures Overview > customesignature-graph2		Request API permissions				
		Select an API				
- Search		Microsoft APIs APIs my organization	n uses My APIs			
📣 Quickstart		Commonly used Microsoft APIs				
🚀 Integration assistant	The "Admin consent required" coluvalue in your organization, or in organization.	Microsoft Graph				
Manage		Take advantage of the trem	nendous amount of data in Office 365, Enterprise	Mobility + Security, and Windows 10.		
😾 Branding & properties	Configured permissions	Access Microsoft Entra ID, through a single endpoint.	Excel, Intune, Outlook/Exchange, OneDrive, One	Note, SharePoint, Planner, and more		
Authentication	Applications are authorized to call APIs					
📍 Certificates & secrets	medde un die permissions die upplicat					
Token configuration	+ Add a permission 🗸 Grant ad	Azure Rights Management				
- API permissions	API / Permissions name	Services	Azure Service Management Programmatic access to much of the functionality available through	Access the canabilities of CRM business		
🙆 Expose an API	✓ Microsoft Graph (1)	protected content		Access the capabilities of CRM business software and ERP systems		
u App roles	User.Read [the Active portain			
A Owners						
👃 Roles and administrators	To view and manage consented permis	Intune	Office 365 Management APIs	Power Automate		
Manifest	v	Programmatic access to Intune data	Retrieve information about user, admin,	Embed flow templates and manage		

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14. Select Application Permissions.

ustomesignature-graph2	Request API permissions		\times
graph2 API permissior			
🕐 Refresh 🔊 Got feedback?	C All APIs Microsoft Graph https://graph.microsoft.com/ Docs 🔊 What type of permissions does your application require?		
The "Admin consent required" colu value in your organization, or in org	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 signed-in user.	ta
Configured permissions Applications are authorized to call APIs include all the permissions the applicat + Add a permission ✓ Grant ad API / Permissions name ✓Microsoft Graph (1) User.Read		Application provided application runs as a background service or dae without a signed-in user.	mon
To view and manage consented permis	Add permissions Discard		

- 15. Then, the **Permission tree** appears below:
 - Expand the Group node and select Group.Read.All

istomesignature-graph2	Request API permissions					
Jrapn2 API permissior	✓ Group (1)					
🕐 Refresh 🛛 🖗 Got feedback?	Group.Create @ Yes					
The "Admin consent required" colu	Group.Read.All ① Yes Yes					
value in your organization, or in org	Read and write all groups Yes					
Configured permissions Applications are authorized to call APIs	> GroupMember					
include all the permissions the applicat	> IdentityProvider					
ADI a permission Grant ad ADI / Permissions name 1	> IdentityRiskEvent					
✓ Microsoft Graph (1)	> IdentityRiskyServicePrincipal					
User.Read [N IdentityBichel Icer					
To view and manage consented permis	Add permissions Discard					

• Expand the User node and select User.Read.All

ustomesignature-graph2	Req	lest API permissions		\times
graph2 API permissior		·		
🕐 Refresh 🔰 🛜 Got feedback?	> Us	erShiftPreferences		
	∨ Us	er (1)		
The "Admin consent required" colu value in your organization, or in organization		User.EnableDisableAccount.All ① Enable and disable user accounts	Yes	
Configured permissions		User.Export.All ① Export user's data	Yes	
Applications are authorized to call APIs include all the permissions the applicat		User.Invite.All ① Invite guest users to the organization	Yes	
+ Add a permission ✓ Grant ad		User.ManageIdentities.All ① Manage all users' identities	Yes	
API / Permissions name 1		User.Read.All 🛈 Read all users' full profiles	Yes	
✓ Microsoft Graph (1) User.Read [User.ReadWrite.All ① Read and write all users' full profiles	Yes	
To view and manage consented permis	Add	permissions Discard		

• Click Add permissions to confirm the selection.

16. On the **API permissions** page that opens, do the following steps:

Configured permissic	ons				
Applications are authorize include all the permission	ed to call APIs when they a sthe application needs. L	are granted permissions by users/adn earn more about permissions and cor	nins as part of the consent process. The list of ensent	onfigured permissions should	
+ Add a permission	✓ Grant admin consent	for AMP Ventures			
API / Permissions name	е Туре	Grant admin consent for AMP Ventures	Admin consent req	Status	
∽Microsoft Graph (3)					
Group.Read.All	Application	Read all groups	Yes	🛕 Not granted for AMP Ve	•••
User.Read	Delegated	Sign in and read user profile	No		
User.Read.All	Application	Read all users' full profiles	Yes	🛕 Not granted for AMP Ve,	•••

17. Select **Grant admin consent for <Organization>**, read the confirmation dialog that opens, and then click **Yes**.



• The Status value should now be Granted for < Organization >

API / Permissions name	Туре	Description	Admin consent req	Status
✓ Microsoft Graph (3)				
Group.Read.All	Application	Read all groups	Yes	Granted for AMP Ventures •••
User.Read	Delegated	Sign in and read user profile	No	♂ Granted for AMP Ventures ····
User.Read.All	Application	Read all users' full profiles	Yes	Granted for AMP Ventures ····
To view and manage consented pe	rmissions for ir	dividual apps, as well as your tenant's consent settings, try E	nterprise applications.	

- 18. Once Granted go to back to Microsoft Entra ID And search your newly created application

Home >	Dverview	×
Microsoft Entra ID		
Overview	≪ + Add ✓ (2) Manage tenants (2) What's new	
Preview features	Azure Active Directory is now Microsoft Entra ID. Learn more	
🗙 Diagnose and solve problems	Overview Monitoring Properties Recommendations Tutorials	
Manage		
🚨 Users	licere	
🏞 Groups	No results. No results.	
🏮 External Identities	Devices Ann conjutations	
🚨 Roles and administrators	No results.	
Administrative units	CU customesignature-graph 5565012-2576-4048-abc3-112257cBea85	
🔶 Delegated admin partners	CU customesignature-graph2 9fc888a3-b664-47ff-a11e-82e5160f00	
Enterprise applications	Enterprise applications See all Roles See all	
Devices	CE Customer Experience Platform PROD 2220bbc4-4518-4fet-a	
App registrations		
Identity Governance	Customer Service Inal PVA 944801ds-9875-4880-48220001 Attribute Assignment Reader	

19. On app registration click on newly created application (customesignature-graph).

Home > AMP Ventures Overvie	_{■w >} ure-gra	aph2 🖈 …				
₽ Search		📋 Delete ⊕ Endpoint	ts 💀 Preview features			
📕 Overview	^					
📣 Quickstart						
Integration assistant		Display name	: customesignature-graph2	Client credentials	: <u>0 certificate, 1 secret</u>	
integration assistant		Application (client) ID	: 9fc889a3-bd64-47ff-a11e-82e5160fd020	Redirect URIs	: Add a Redirect URI	
/lanage		Object ID	: 34783604-f074-4485-8409-28ae91d9ae0d	Application ID URI	Add an Application ID URI	
Branding & properties		Directory (tenant) ID	: a595ea6a-2ae7-48b8-9ef1-1fe2b7f2d603	Managed application in I	: customesignature-graph2	
Authentication		Supported account type	es : <u>My organization only</u>			
Certificates & secrets		Ctarting June 20th	2020 we will be langer add any new features to Aruro Asti	(ADAL) a	ad Azuro Activo Directory Graph We will continue to	×
Token configuration		provide technical s	support and security updates but we will no longer provide	feature updates. Applications will need to be	upgraded to Microsoft Authentication Library (MSA	dL)
API permissions		and Microsoft Grap	n. <u>Lean more</u>			
Expose an API		Get Started Docum	nentation			
App roles						
Owners			Build your application w	ith the Microsoft ide	entity platform	
Roles and administrators						
	~		The Microsoft identity platform is an authentication	on service, open-source libraries, and ap	oplication management tools.	

- Copy Application (Client) ID:
- Copy **Client Secret** (we copied this in Step 10)
- Copy Directory (tenant) ID

20. Paste the above copied values and choose if you would like to turn on or off an automatic sync with Active Directory every 24 hours and click Continue:

Step 2 Step 3 Step	
ase, provide the following information after you have set :	the AD application:
pplication ID	
pplication secret	
pplication Tenant ID	
comatic Signature Update with Active Directory roldstamp can automatically update signatures if any information i signature is changed in Google Directory. Automatic sync will occu rs. Manual signature updates can still be done at any point of time.	mported to r every 24
	Continue
	se, provide the following information after you have set in plication ID pplication secret pplication Tenant ID matic Signature Update with Active Directory Idstamp can automatically update signatures if any information i gnature is changed in Google Directory. Automatic sync will occu . Manual signature updates can still be done at any point of time.

21. Done!