Integrating Azure with Authomize

Azure can be integrated with Authomize so that Authomize will be able to analyze identity and access information held on Azure. Information such as users, groups, roles and applications are extracted once and updated regularly thereafter.

Note: When Azure is integrated, Azure AD and Microsoft Office 365/SharePoint/OneDrive are also integrated.

Azure integration workflow



Commented [Y11]: CAmir Avitzur I would remove the word crucial, since users can still get value from Authomize without this data

Commented [AA2R1]: done

Commented [YI3]: The guide should talk about Azure AD, O365 and Share point (as you've done in section #7)

Commented [AA4R3]: done

Integrating Azure with Authomize

1. Log into Authomize

1

2. Go to Settings/Data Sources and click Add New App.

< Back to Dashboard Settings	Recommended Apps Add New Automite has identified these apps in your organization Image: Control of the second se	Арр
I+4 INTEGRATIONS		
Data Sources		

 Select Azure or Microsoft Active Directory or Office 365, SharePoint & OneDrive to open the integration dialog.

Google Drive	Google Cloud Platform	Google Admin Directory	Okta
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- 4. In the Integrate Azure (or Integrate MS Active Directory or Integrate Office 365 ...) dialog:
 - Step 1. Click Go to Microsoft and log in.

Integrate Azure	ି । Ingin mikresoftenine.com/vegerization/bach24/28/. ବେ ଏହି ଏହି 🖈 🕽 Microsoft Azure
1. As a Microsoft Azure AD admin, install the Authomize app Visit our setup guide for more information Go to Microsoft	Microsoft Pick an account to continue to Microsoft Azure

Have a look through the permission needed by Authomize. If you agree click Accept.



You will see this, if all goes well:



Copy the tenant from the URL (see the <u>Appendix</u> for more details).

Alternatively, copy the Tenant ID from the Authomize | Overview page in Microsoft Azure

			P Search resources, services, and	docs (G+/)	
Home >					
Authomize Overvie Azure Active Directory	ew				
«	+ Add 🗸 🍥 M	anage tenants 🛛 🔀 What	s new 📑 Preview features	🔗 Got feedbac	k? ~
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B Roles and administrators	Name	Authomize		Users	144
Administrative units	Tenant ID			Groups	105
Delegated admin partners	Primary domain	authomize.com		Applications	84
Enterprise applications	Printary domain	adromazioni			
Devices	License	Azure AD Premium P1		Devices	130

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Step 2. Paste the Tenant ID from Azure.



Step 3. Click the checkbox to give Authomize a principal Reader role on the root Azure management group. (If not checked, very limited data will be collected).



Step 4. Click Go to Microsoft Portal. To confirm that Authomize is set up in a Reader Role.

4. For Azure cloud access - Give Authomize service principal Reader role access on the root azure management group Select the root account and then Access controls, Role assignments and Add O Go to Microsoft portal

For step-by-step instructions, see Appendix B: Setting up a reader role.

👗 Tenant Root Group - Microsoft A: 🗙	+					v - u .
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Microsoft Azure		\mathcal{P} . Search resources, services, and docs (G+/)				amir avitzur@authomiz
Home > Management groups > Tenar	nt Root Group					
A Tenant Root Group	Access control (IAM)					×
🔎 Search 🧠	🕂 Add 🞍 Download role assignments 📰 Edit	columns 🜔 Refresh 🗙 Remove 🖉 G	ot feedback?			
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Subscriptions	Creck access have assignments hores be	assignments Cassic administrators				
(iii) Resource Groups	O Saarch by name or amail	- All Role - All Scope - All scopes	Cours by Bala			
Resources	p search of many or even	the sector sector	and of the			
Activity Log	8 items (5 Users, 3 Service Principals)					
32 Access control (IAM)	Name	Тура	Role	Scope	Condition	
Governance	V Reader					
🌱 Get started	Authomize	App	Reader ©	This resource	None	
Security	🗆 🔳 authomize	App	Reader ③	This resource	None	
Policy	Automize	App	Reader (0)	This resource	None	
in Deproyments						

Step 5. Skip this step. There is no need to check Allow Authomize to update access policies.

Step 6. Enter an integration name

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6. Set an integration Name			
If set, the integration will get a unique name			
Integration name			

Step 7. Enter a contact email



Click ..Create..

5. Wait for the integration to finish. When Azure, or one of the other connectors, are integrated you will see three new entries in the

Connected Apps list.

Azure E	: Microsoft Active Directory	I Office 365, SharePoint & OneDrive
Status Synced ©	Status Synced &	Status Synced (S)
Last sync -	Last sync -	Last sync -
Owner -	Owner -	Owner -
Type Built I	Type Built I	Type Built !

What data is collected

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Azure • Application • Group • Virtual Machine	Microsoft Active Directory Application Drive Domain Group Account User Account Integration 	Office 365 • Files • Folders • Drives SharePoint • Group • User • Link OneDrive • Package • Resource • Account
		 Account User Group

Commented [YI6]: DAMA Avitation - that's the data we collect: Best Email City Country Department Division Employee number First name fullName1 Display name Employee ID Job Title lastName Location State Status Supervisor Supervisor supervisord terminationDate workEmail Commented [AA7R6]: Done Commented [YI8]: Dama Avitation for 3: each per each integration. For Azure we have much more data: let's add a section for "Cloud resources" and add : Virtual machine, storage accounts, data bases, etc...

Commented [YI5]: @Amir Avitzur need to update to

Commented [AA9R8]: done

Appendix A: Getting the Tenant ID from Azure

1. Log into portal.azure.com as an admin.:

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Microsoft Acute Microsoft Pick an account is certina to Merced Acute Use another account	Microsoft Microsoft Microsoft Microsoft Password Password Forgot my password Sign in	 Microsoft entranticative entrantication Approve sign in request Open your Microsoft Authenticator app a daprove the request to sign in. Carr's use my Microsoft Authenticator app inject noot More information

2. Click Azure Active Directory.

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Ġ Google 💐 Google Translate 🛐 Thesaurus 🚺	KB Home 🔺 ZD Stats 🛕 KB Articles 📃 V	fideos o Product documenta 🎯 Demo I	🔋 auth-env 🛛 »
E Microsoft Azure P Search resources, services, and d	> <s (g+="")<="" th=""><th></th><th></th></s>		
Welcome to Azure! Don't have a subscription? Check out the following option	s.		
Start with an Azure free trial Get \$200 free credit toward Azure products and services, plus 12 months of popular free services.	Manage Azure Active Directory Manage access, set smart policies, and enhance security with Azure Active Directory.	Access student benefits Get free software, Azure credit, or access Azure Dev Tools for Teaching after you verify your academic status.	
Start	View Learn more G [*]	Explore Learn more C ²	
Azure services			
Create a Azure Active Application	Quickstart Unitual App Services SS	Corage SQL databases Azure Cosmos More ser	vices

3. On the Authomize | Overview page, copy the Tennant ID.

	∠ Search resources, service	s, and docs (G+/)
Home >		
Authomize Overvie Azure Active Directory	2W	
~	+ Add \vee 🚳 Manage tenants 🔯 What's new 🛛 🗔 Preview feature	res 🛛 🗖 Got feedback? 🗸
1 Overview		
Preview features	 Microsoft Entra has a simpler, integrated experience for managing all you 	r Identity and Access Management ne
🗙 Diagnose and solve problems		
Manage	Overview Monitoring Properties Tutorials	
🚨 Users	Search your tenant	
🎎 Groups		
External Identities	Basic information	
Roles and administrators	Name Authomize	Users 144
Administrative units	Tenant ID	Groups 105
🚸 Delegated admin partners		
Enterprise applications	Primary domain authomize.com	Applications 84
Devices	License Azure AD Premium P1	Devices 130

Appendix B: Setting up a reader role

- 1. Log into Azure.
- 2. Search for *Management groups* and click it when found.



3. In Management groups click Tenant Root Group.

≡ Microsoft Azure	م	Search resources, services, and docs (G+/)				
Home > [♠]_Management groups Authomize	\$					
	+ Create + Add subscription 🖒 Refre	esh 🔢 Expand / Collapse all 🛓 Export to CSV 🛛 💝 Feedback				
(4) Overview	Use management groups to group subscriptions. Click on an exisiting group to drill in, view details and govern resources. Right-					
🌱 Get started						
Settings	Search by name or ID					
	Showing 2 subscriptions in 1 groups					
	↑ \downarrow Name	ID				
	V [AA] Tenant Root Group	100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100				
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4. In the Tenant Root Group, click Access Control (IAM) in the menu, then click to open the *Role assignments*.



5. In the Tenant Root Group Access control Role assignments, click + to add a new role assignment.

≡ Microsoft Azure	∠ Search resources, services, and docs (G+/)			
Home > Management groups > Tenant	Root Group			
Tenant Root Group Management group	Access control (IAM)			
	🕂 Add 🞍 Download role as ignment	s ≣≣ Edit columns 🕐 Refresh 🗡	Remove Remove Got feedback?	
[A] Overview	Add role assignment			
Subscriptions	Add co-administrator			
(iii) Resource Groups	Add custom role			
III Resources	1,	Type : All Role : All Sco	Group by : Role	
Activity Log	7 items (4 Users, 3 Service Principals)			
R Access control (IAM)	Name	Туре	Role	
Governance	∼ Reader			
🌱 Get started	Authomize	App	Reader ①	
Security	authomize	Арр	Reader ①	
Policy	Authomize	App	Reader ①	

6. In the Add role assignment dialog | Role page, click **Reader**.



7. In the Add role assignment dialog | Members page, click the Next button.



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- 8. In the Add role assignment dialog Click + Select members.
- 9. Select Authomize from the **Select member** list.

Microsoft Az			ices, and docs (G+/)	
Home > Managemen Add role ass	nt groups > Tenant Root G	roup Access control (IAM) >		Select members
🖗 Got feedback?	<u> </u>			Select ③ autho
Role Members	Review + assign			authomize
selected role	Reader			Authomize
Assign access to	 User, group, or serv Managed identity 	ce principal		Authomize
Members	+ Select members			Authomize - Ilamas1auprod
	Name	Object ID	Туре	Authomize - Ilamas1auprod B
	No members selected			Authomize alpacas1dev
Description	Optional			Selected members: No members selected. Search for and add one or more memb you want to assign to the role for this resource.

10. In the Add role assignment dialog | Review + assign page, click the **Review + assign** button if you see your new Member Role in the Members field.

Home > Management groups > Tenant Root Group Access control (IAM) > Add role assignment R Got feedback?	
Role Members Review + assign Role Reader Scope /mmidler/Mirmonft Management/management/counci/d58h7/0s5-7265-de19-9669-65131	51174ch5
Members Name Object ID Authomize Sal	Туре
Description No description	

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