Setting up e-mail (OAUTH) in Azure Portal

Introduction

This document briefly describes two general examples of activating <u>user name & password</u> <u>authentication</u> and <u>client secret authentication</u> in Azure Portal to use with e-mail in Exchange/Office365.

The document also describes how to test settings from Azure Portal in the Monitor ERP client with the <u>user name/password method</u> and the <u>client secret method</u>.

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Azure Portal

- An account to Azure Portal is required.
- To test e-mail, the required credentials must be added under "Users" in Azure Portal.

Limitations

- <u>Only one</u> authentication method can be active at a time.
- The setting for "Supported account type" may differ depending on company setup this guide describes a setup with the "single tenant" account type.
- <u>Two-factor authentication can not be used</u> with the user name & password authentication method.

Please note: Further configuration and customization of settings according to each environment is required to complete the setup. Also note that this document does not cover the security aspect of setting up e-mail using these settings in a tenant.

Security considerations

The document **does not cover settings or configurations for security**; it covers settings used to test that a configuration for both authentication methods in the Azure Portal works in the Monitor ERP client on a basic level. Please note: **It is up to each IT department to select and configure appropriate security settings** in their respective environments.

Example: You may want to complement with suitable security settings if you configure a tenant with the <u>Client secret authentication method</u> according to guidelines from Microsoft:

https://learn.microsoft.com/en-us/powershell/module/exchange/newapplicationaccesspolicy?view=exchange-ps



User name & password authentication

Azure Portal setup

1. Sign in with an existing Azure account at <u>https://portal.azure.com</u>.

IVIIC	rosoft Azı	ire
- Microsoft		
Sign in to continue to Micro	soft Azure	
Email address, ph	one number or Sky	/pe
No account? Create	one!	
Can't access your ac	count?	
	Back	Next

2. Once signed in, search for and access "Azure AD B2C".

<u> </u>	Azure AD <u>B2C</u>	×	
Welcome to Az	All Services (99+) Resources Resource Groups	Marketplace (3) Documentation (29)	
Don't have a subscription	Azure Active Directory (0) Services	See al	
	Azure AD B2C	Azure AD Security	
	💠 Advisor	🛖 Azure AD Conditional Access	
	🖉 Azure Cosmos DB	🚸 Azure AD Connect Health	
	Azure Database for MySQL servers	🕹 Azure AD roles and administrators	



3. Click on "App registrations".



4. Click on "New registration".





5. Enter a name and select your preferred account type (single tenant by default).

Home > Azure AD B2C App registrations > Register an application
* Name
The user-facing display name for this application (this can be changed later). Monitor G5
Supported account types
Who can use this application or access this API? Accounts in this organizational directory only (only - Single tenant)
Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant) Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)
Personal Microsoft accounts only
Help me choose

6. Click on the "Register" button.

Home > Azure AD B2C App registrations >
Register an application
* Name
The user-facing display name for this application (this can be changed later).
Monitor G5 🗸
Supported account types
Who can use this application or access this API?
 Accounts in this organizational directory only (only - Single tenant)
O Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant)
Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)
O 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 V 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 🗗
Register



7. You will be forwarded to the menu of the application you just registered, if not – click on the application.



8. Copy the values of the <u>Application (client) ID</u> and <u>Directory (tenant) ID</u> and save them, you will need them later.



9. Click on "Manifest" in the left-hand menu.



10. We need to add the authentication method to our manifest, this can be done by copying and pasting the code found under the section "Configure for delegated authentication" in the documentation from Microsoft.

Refer to – <u>https://learn.microsoft.com/en-us/exchange/client-developer/exchange-web-</u> <u>services/how-to-authenticate-an-ews-application-by-using-oauth#configure-for-delegated-</u> <u>authentication</u>.

For example, copy and add the <u>delegated authentication code</u> to the "Manifest" as shown below:





11. Save the "Manifest" settings.



12. Click on "API permissions" in the left-hand menu.





13. Confirm that the permissions have been added (EWS.AccessAsUser.All, Type: Delegated).

₽ Search	« 🕐 Refresh 🛛 🗖 Got feed	back?		
Cverview				
 Quickstart Integration assistant 	1 The "Admin consent requir	ed" column shows th	e default value for an organization. However, user	consent can be customized per permission, user, or a
Manage	Configured permissions			
Branding & properties	Applications are authorized to c	all ADIs when they	are granted permissions by users/admins as par	a of the encount encours. The list of each such a
			re about permissions and consent	t of the consent process. The list of configured p
		on needs. Learn mo	re about permissions and consent	t of the consent process, the list of configured p
Authentication Certificates & secrets	all the permissions the applicati	on needs. Learn mo	re about permissions and consent	Admin consent requ., Status
Authentication Certificates & secrets	all the permissions the applicati + Add a permission ✓ G	on needs. Learn mo	re about permissions and consent	
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Authentication Certificates & secrets Token configuration API permissions	all the permissions the applications of the application of the application of the applications of the appl	on needs. Learn mo rant admin consent Type Delegated	re about permissions and consent Description	Admin consent requ Status

14. Grant admin consent.

Monitor ERP **requires full access** to Exchange Online, additional security settings may be applied to adapt the level of security.

P Search	< 🜔 Refresh 🛛 🔗 Got feedl	Nack7			
Overview	Grant admin consent c	onfirmation.			
Quickstart	Do you want to grant consent	for the requeste	d permissions for all accounts in	is will update any existing admin conse	ent records t
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Manage	consigured permissions				
Branding & properties			are granted permissions by users/admins as p are about permissions and consent	art of the consent process. The list of conf	igured permis
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Authentication					
Authentication Certificates & secrets	+ Add a permission 🗸 Gr				
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📍 Certificates & secrets	+ Add a permission 🗸 Gr	ant admin consen		Admin consent requ	Status
Certificates & secrets Token configuration API permissions	+ Add a permission v Gr API / Permissions name	ant admin consen		Admin consent requ No	Status
Certificates & secrets Token configuration	+ Add a permission v Gr API / Permissions name Microsoft Graph (1)	ant admin consent Type Delegated	for 1		Status

15. Verify that the icon is green.

+ Add a permission 🗸 Grant admin consent					
API / Permissions name	Туре	Description	Admin consent requ	Status	
∽ Microsoft Graph (1)					
User.Read	Delegated	Sign in and read user profile	No	🕑 Granted for	
∽ Office 365 Exchange Online (1)					
EWS.AccessAsUser.All	Delegated	Access mailboxes as the signed-in user via Exchange Web	No	🕑 Granted for	



16. Click on "Authentication" in the left-hand menu.

₽ Search	« 🕐 Refresh 🕂 Got feedback?
Overview	
 Quickstart Integration assistant 	The "Admin consent required" column shows the default value for an organization
Manage	Configured permissions
Branding & properties	Applications are authorized to call APIs when they are granted permissions by all the permissions the application needs. Learn more about permissions and co
Authentication	
Certificates & secrets	+ Add a permission 🗸 Grant admin consent
Token configuration	API / Permissions name Type Description
API permissions	✓ Microsoft Graph (1)
Expose an API	User,Read Delegated Sign in and read user profi

17. Under "Advanced settings", set "Enable the following mobile and desktop flows" to "Yes".

Home > Azure AD B2C App registrations > Monitor G5 Omitor G5 Authentication							
₽ Search «	R Got feedback?						
 Overview Quickstart Integration assistant Manage 	Supported account types Who can use this application or access this API? Accounts in this organizational directory only (only - Single tenant) Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant)						
Branding & properties	Help me decide						
 Authentication Certificates & secrets Token configuration API permissions Expose an API App roles 	Advanced settings Allow public client flows ① Enable the following mobile and desktop flows: • App collects plaintext password (Resource Owner Password Credential Flow) Learn more coll • No keyboard (Device Code Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more coll • SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn wore coll • SSO for domain-joined Windows (Windows Integr						

18. Save the settings.





19. Go to "Users", copy an existing e-mail address, then test it in the Monitor ERP client according to the next part.

ρ Users <mark>1</mark>		
All Services (17)	Resources	Resource Groups
Azure Active Directory (0) Services		
Lusers 2		
A Users		



Monitor ERP setup (User name/password method)

1. Start the Monitor ERP client and sign in with the appropriate admin account.



2. Access the "System settings" procedure.



3. Click on the "System overall" tab.

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	Manufa	cturing Purchase Sales Stock Time recording Accounting	System overall	V
L	General			
	1.	Date format Date	▼ ≫	
	2.	Use alias when exporting to Business intelligence No 🔻 ≫		
	3.	Manage staggered discount rates in the procedure Discount categories Yes 🔹		



4. In "E-mail method" select "Server based, via Microsoft Exchange Online".

6)	팀 🔎 💷 🏭 🖶 💷 ★ 🕜		System settings
Manu	facturing Purchase Sales Stock Time record	ding Accounting	System overall Web Ag
Gener	al		
1.	Date format	Date	▼ >>
2.	Use alias when exporting to Business intelligence	No 🔻 🔊	
3.	Manage staggered discount rates in the procedure Discount categories	Yes 🔻 ≫	
4.	Part grouping term for discount categories	Product group	* >>
5.	Company is approved for F-tax	Yes 🔻 🔊	
5.	Time when order day/start day changes to next day	12:00 >>>	
7.	Show identifier for external programs (Extra fields)	No 🔻 🔊	
в.	Search indexing (Monitor search)	Yes 🔻 ≫	
9.	Send usage statistics to Monitor	No 🔻 ≫	
Backu	p		
10.	Number of days before warning	3 🌲 ≫	
11.	E-mail sender of backup notification		>>
12.	User name (Exchange)		>>
13.	Password (Exchange)		>>
E-mail			
14.	E-mail method	Server based, via Micros	soft Exchange Online
15.	Server address (Exchange/SMTP)	192.168.100.13	
16.	Port (Exchange/SMTP)	0 >>	
17.	User name (SMTP)		>>
18.	Password (SMTP)		>>
19.	Use SSL	No - >>	

5. Set the server address – outlook.office365.com.



6. Paste the <u>Application (client) ID</u> from Azure in the corresponding field.

	■ ρ == 🔡 亜 💷 ★* Ø	System settings
Manu	facturing Purchase Sales Stock T	ime recording Accounting System overall Web Agent
10. 11. 12. 13. F-mail	Number of days before warrang E-mail sender of backup notification User name (Exchange) Password (Exchange)	3 7 300
E-IIIdii 14.	E-mail method	Server based, via Microsoft Exchange Online
15.	Server address (Exchange/SMTP)	outlook.office365.com
16.	Port (Exchange/SMTP)	0 >>
17.	User name (SMTP)	>>
18.	Password (SMTP)	>>
19.	Use SSL	No 🔻 ≫
20.	Maximum size for files in e-mail	10 🌲 MB ≫
Micros	oft Entra ID (Azure Exchange/SharePoint)	
21.	Application (dient) ID	***************************************
22.	Directory (tenant) ID	***************************************
23.	Authentication flow	User name/Password 🔹 ≫
24.	Client secret	>



7. Paste the <u>Directory (tenant) ID</u> from Azure in the corresponding field.



8. In "Authentication flow" select "User name/password".



9. The port can be set, for more information refer to <u>https://learn.microsoft.com/en-us/microsoft-365/enterprise/urls-and-ip-address-ranges?view=o365-worldwide</u>.

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Manu	ufacturing	Purchase	Sales	Stock	Time recor	ding	Accounting	System	overall	Web	Agent
10. 11. 12. 13. E-mail	E-mail seno User name Password (days before wan der of backup not (Exchange) (Exchange)				3	•	>>	>>		
14.	E-mail meti	hod				Serve	er based, via Microso	ft Exchange O	nline 🔻	>>	
15.	Server add	iress (Exchange/	SMTP)			outio	ok.office365.com		0 >>		
16.	Port (Exch	ange/SMTP)					443 >>>				
17.	User name	(SMTP)							>>		
18.	Password	(SMTP)							>>		
19.	Use SSL					No	▼ ≫				
20.	Maximum s	ize for files in e-m	hail			10	\$ МВ ≫				



10. Click on the green icon next to the server address to test the settings.

	م .	• • •	≞ ★-	0				System settir	igs		
Manufa	acturing	Purchase	Sales	Stock	Time recordin	g .	Accounting	System overall	Web	Agent	
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11.		ler of backup not	-		Ľ	· •	**	>>			
12.		(Exchange)	neauon		F			>>>			
13.					F			>>			
15.	Password (Exchange)			L			"			
E-mail											
14.	E-mail meth	nod			5	erver ba	ased, via Microso	oft Exchange Online 🔹	>>		
15.	Server add	ress (Exchange/	SMTP)			utlook.o	ffice365.com	O >>			
16.	Port (Excha	ange/SMTP)			Ī		443 >>>				
17.	User name	(SMTP)			Ē			>>			
18.	Password (SMTP)						>>			
19.	Use SSL				1	lo -	>>				
20.	Maximum s	ize for files in e-n	nail		1	10 ‡ M	1B >>>				

11. Set e-mail method to "Server based, via Microsoft Exchange Online".

c		
*	Che	eck e-mail settings
-	E-mail method	Server based, via Microsoft Exc 🗙 🔻
	Recipient	
-	Sender	
-	User name (Exchange)	
	Password (Exchange)	**************
	Result	
-		*
		*
	Т	Cancel

12. Enter a valid recipient, sender, user name and password.

-			_
<u>c</u>	Che	eck e-mail settings	
-	E-mail method	Server based, via Microsoft Exc 🗙 🔻] [
-	Recipient		
-	Sender		
÷	User name (Exchange)		
	Password (Exchange)	*******	
	Result		
1		*	Н
			Ш
		Ŧ	Ч
	Т	Cancel	



13. Press the "Test" button – the message "OK" will be displayed if everything is set up according to the examples in this document.

g	Che	ck e-mail settings
-	E-mail method	Server based, via Microsoft Exc 🗙 🔻
_	Recipient	
-	Sender	
-	User name (Exchange)	
-	Password (Exchange)	************
	Result	
:	OK!	*
		*
	Т	Cancel

(Please note: If the service has been set up recently you may receive a **403 Forbidden message** due to delays when updating a tenant in Azure Portal. In this case, wait a moment then press "Test" again. If you encounter other messages in the "Result" box, please refer to the online documentation by Microsoft).



Settings for incoming e-mail (User name/password method)

		Den
😑 🕒 🤤 🖻 😵 🔕		
	 Basic settings Company information System settings Calendars Multi-company settings Edit bulletin board Desktop templates 	File management Paths File path list Settings for file viewer
	Server printers Form templates	Settings for BI Settings for incoming e-mail 2 Balance import

1. Access the "Settings for incoming e-mail" procedure.

2. Under "Service" select "Exchange Online".

(m) □ P □ 1 = 1 = 1 = 0	Settings for it	coming e-mail	0	_ 🗆 🗙
	Settings for in	iconning e maii		
Server settings				
Service Server name Exchange	Por			
Exchange Directory (tenant) ID	Authentication flow Client secret			
IMAP	User name/Password 👻			
Exchange Online				
+≣ Val. E-mail	User name Passwor	і Туре	Available	
-=				
0				



3. Enter the URL to the server – for example outlook.office365.com.

● ● ● ■ ■ ■ ★ ● Ø	Setti	ngs for incoming e-ma	il	🛛
Server settings				
Service Server name		Port Polling interva	1	
Exchange Online		0 min	-	
Application (dient) ID Directory (tenant) ID		Client secret		
00	User name/Password 🔻			
E-mail accounts				
	User name	Password	Type Available	
-=				
0				
				2 errors
				Applica Application (client) ID is missing
				Directo Directory (tenant) ID is missing

4. Set a pooling interval (in minutes) according to your requirements. In our example we set this to 60,00 to check for new e-mails on the server once every hour.

Serv	er settings	i II III ★· 0		Setting	gs for incoming e-mai	I			X
Servi		Server name			Port Polling interval				
	ange Online 🔹 🔻	outlook.office365.com			0 60,00 min				
	ation (dient) ID	Directory (tenant) ID	Authenticatio	in flow C	ent secret				
0		0	User name/						
E-m	ail accounts								
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5. Enter the Application (client) ID.

Server settings	Settin	gs for incoming e-mai			- 🗆 🖬
Service Server name		Port Polling interval			
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Application (dient) ID Directory (tenant) ID		lient secret			
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E-mail accounts					
+≡ Val. E-mail	User name	Password	Type A	Vailable	
				0 ieu 0 Dire	rrors V cto Directory (tenant) ID is missing

6. Enter the <u>Directory (tenant) ID.</u>

Server settings Service Server name Exchange Online outdook.office365.com Application (client) ID Directory (tenant) ID Auth	Settings for incoming e-ma	zal	🛛
E-mail accounts	Password	Type Available	
-=			



7. "Authentication flow" should be set to "User name/Password".

P ■ ■ ★ · P ■	Settings for incoming	j e-mail	- 🗆 🗙
Server settings			
Service Server name	Port Poli	ng interval	
Exchange Online		io,00 min	
	Authentication flow Client secret		
••••••			
	User name/Password		
E-mail accounts	Client secret		
+≣ Val. E-mail User name	Password	Type Available	
0			

8. Add an e-mail account by pressing the plus icon or F5 on your keyboard.

	۹ 🗖		2 <u>0</u>	💷 🛧 - 🕜		5	Setting	gs for incoming e-ma	ail		🛛
Serv	er settings	S									
Servio			erver na					Port Polling interv	al		
Exch	ange Online	- 0	outlook.	office365.com				0 60,00 m	n		
Applic	ation (dient) I	ID		Directory (tenant) ID		Authentication flow	Cli	ient secret			
****	**********	***********	*****	*******	***********	User name/Password	-				
E-m	ail account	re .									
F=	Val. E-m				User name			Password	Type	Available	
	run e m				ober Hame			100011010	1105		
	dd new row a	at the end (F5)	1								
Q,		at the end (FS)	1								



9. Enter the e-mail address.

P = 1	■ ≕ 甽 ★・ 🥝	Setting	gs for incoming e-mail		🛛
Server settings Service Exchange Online * Application (client) ID E-mail accounts	Server name outlook.office:365.com Directory (tenant) ID	Authentication flow Cl	Port Poling interval 0 60,00 min ent secret		
	a normal ne	Uter name	Password	Type Availat	

10. Enter the user name.

	Settings for incoming e-mai	I	- 🗆 🛛
Server settings			
Service Server name	Port Poling interva		
Exchange Online v outlook.office365.com	0 60,00 min		
Application (client) ID Directory (tenant) ID Authentication flow	Client secret		
User name/Passwor	rd 👻		
E-mail accounts			
◆ E-mail User name	Password	Type Available	
Reduktorpy and address	9	>>	
			9 1 errors 🗸
			Passw Incorrect value
			- <u>L</u>



11. Enter the password.

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rver setting	igs									
vice	Server n	ame			Port	Polling interval				
change Online	e 🔻 outlook.	office365.com			0	60,00 min				
plication (dient)	t) ID	Directory (tenant) ID		Authentication flow	Client secret					
*********		******	*******	User name/Password	-					
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	CONTRACTOR OF A	Phase Inc.	100.000	press and spec	*********	*****		>>		
-										
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12. Select all "Types" that apply to your configuration of Monitor ERP, for example "Monitorto-Monitor".

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Server settings Service Server name Exchange Online v outdook.office.365.com Application (client) ID Directory (tenant) ID E-mail accounts		Port Poling interval 0 60,00 mm ent secret		
+≣ Val. E-mail	User name	Password	Type Available	
			Monitor-to-Monitor CKM SRM Part Customer order Case Quote Quote Purchase order Inquiry Personnel Project	



13. Click on "Available" and set your preferred permissions ("Available to all" by default).

Server settings Service Server name Exchange Online outlook.office 365.com Application (clent) ID Directory (tenant) ID Termal accounts Server settings	Authentication flow Cir User name/Password v	Port Polling interva 0 60,00 min int secret			_ 0
+ ≣ Val. E-mail - ≣ Image: Second	Uername	Na	Type Available	Aval. to	

14. Press the green icon to validate the selected address.

● P ■ # # # ★· 0	Setting	s for incoming e-mail		
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Exchange Online		0 60,00 min		
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15. Press "Save" then close the procedure.

₽ ■ # # ■ ★ • Ø	Setting	s for incoming e-mail		🛛
Server settings				
Service Server name		Port Polling interval		
Exchange Online		0 60,00 min		
Application (client) ID Directory (tenant) ID		ent secret		
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	Contract of the second second	*******	>>	



Client secret authentication

Azure Portal setup

1. Sign in with an existing Azure account at <u>https://portal.azure.com</u>.



2. Once signed in, search for and access "Azure AD B2C".

	Azure AD <u>B2C</u>	×	
	All Services (99+) Resources Resource Groups	Marketplace (3) Documentation (29)	
Nelcome to Azi	Azure Active Directory (0)		
Don't have a subscription			
	Services		See all
	Azure AD B2C	Azure AD Security	
	🗛 Advisor	Azure AD Conditional Access	
	💐 Azure Cosmos DB	🚸 Azure AD Connect Health	
	Azure Database for MySQL servers	Azure AD roles and administrators	

3. Click on "App registrations".





4. Click on "New registration".

Home > Azure AD B2C		
Azure AD B2C App	registrations	S 🖈 …
	1	
	+ New registratio	n 🕀 Endpoints
4 Overview		
Manage	Starting June	30th, 2020 we will no
App registrations		
Company branding	All applications	Owned applicat
User attributes	Start typing a	display name or app
A Users		

5. Enter a name and select your preferred account type (set to single tenant by default).



6. Enter the appropriate "Redirect URI" – for example, select "Public client/native (mobile & desktop)" and at the URL <u>https://login.microsoftonline.com/common/oauth2/nativeclient</u>.

Refer to - https://learn.microsoft.com/en-us/azure/active-directory/develop/reply-url.





7. Click on the "Register" button.



8. You will be forwarded to the menu of the application you just registered, if not – click on the application.





9. Copy the values of the <u>Application (client) ID</u> and <u>Directory (tenant) ID</u> and save them, you will need them later.



10. Click on "Manifest" in the left-hand menu.

t credentials a certificate or secret tert URs b 0 soa L oublic client cation ID UR an Application ID URI aged application in local directory tor GS. ny Authentication Library (ADAL) and Azure AD Graph. We will continue × updates. Applications will need to be upgraded to Microsoft	 Essentials Display name Monitor GS, Application (client) 1D Object 1D Directory (tenant) 1D
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itor G5. ry Authentication Library (ADAL) and Azure AD Graph. We will continue ²	
	the second se
	Supported account types My organization only
	Authentication Library (MSAL) and Microsoft Graph. Leas
	Get Started Documentation
1	Puild and the first
licrosoft identity platform	Build your applicati
	Build your applicati



11. We need to add the authentication method to our manifest, this can be done by copying and pasting the code found under the section "Configure for app-only authentication" in the documentation from Microsoft.

Refer to – <u>https://learn.microsoft.com/en-us/exchange/client-developer/exchange-web-</u> <u>services/how-to-authenticate-an-ews-application-by-using-oauth#configure-for-app-only-</u> <u>authentication</u>.

For example, copy and add the <u>app-only authentication code</u> to the "Manifest" then save.



12. Save the "Manifest" settings.





13. Click on "API permissions" in the left-hand menu.

₽ Search	~	🗄 Save	e 🗙 Disca
Overview		🔒 Sud	ccessfully upd
😃 Quickstart			
🚀 Integration assistant		The edito	or below allo
Manage		17	"te
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📍 Certificates & secrets		22	"keyCre
		23	"known0
Token configuration		24	"logoUr
- API permissions		25	"logout
		26	"name":
Expose an API		27	"notes"
		28	"oauth2
App roles		29	"oauth2
Monters		30	"oauth2
omen		31	"oauth2
Boles and administrators		32	"optior
_		33	"orgRes
0 Manifest		34	"parent
		25	"

14. Confirm that the permissions have been added (full_access_as_app, Type: Application).

₽ Search «	🕐 Refresh 🛛 🔗 Got feedb	ack?			
Overview					
 Quickstart Integration assistant 	The "Admin consent require	d" column shows th	te default value for an organization. However, user consent can be o	customized per permission, s	user, or app. This
fanage	Configured permissions				
		n needs. Learn mo	are granted permissions by users/admins as part of the conser ore about permissions and consent for	nt process. The list of confi	igured permissi
Authentication Certificates & secrets	all the permissions the applicatio	n needs. Learn mo	ore about permissions and consent	nt process. The list of confi Admin consent requ	
Authentication Certificates & secrets Token configuration	all the permissions the application + Add a permission ✓ Gr	n needs. Learn mo	re about permissions and consent		
Authentication Certificates & secrets Token configuration API permissions	all the permissions the application + Add a permission ✓ Gr API / Permissions name	n needs. Learn mo	re about permissions and consent		Status
Authentication Certificates & secrets Token configuration	all the permissions the applicatio + Add a permission \checkmark Gr API / Permissions name \checkmark Microsoft Graph (1)	n needs. Learn no ant admin consent Type Delegated	re about permissions and consent t for Description	Admin consent requ	

15. Grant admin consent. Monitor ERP requires full access to Exchange Web Services, additional security settings can be applied to adapt the level of security.

٩	< Search «	🔘 Refresh 🗖 Got feedback?				
賜	Overview	Grant admin consent confi	irmation.			
44	Quickstart	Do you want to grant consent for t	he requested	I permissions for all accounts in ? This will update a	ny existing admin conse	ent records
*	Integration assistant	Ves 2 No				
Ma	inage	connyure[14] maaiona				
		Applications are authorized to call API all the permissions the application ner		are granted permissions by users/admins as part of the conser re about permissions and consent	it process. The list of confi	igured perr
€	Authentication					
t	Certificates & secrets	+ Add a permission 🗸 Grant a	dmin consent	for =1		
8	Token configuration	API / Permissions name	Type	Description	Admin consent requ	Status
+	API permissions	Microsoft Graph (1)				
4	Expose an API	User Read	Delegated	Sign in and read user profile	No	Grant
1	App roles	✓ Office 365 Exchange Online (1)				
24	Owners	full_access_as_app	Application	Use Exchange Web Services with full access to all mailboxes	Yes	🔺 Not g



16. Verify that the icon is green.

Configured 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 permission all the permissions the application needs. Learn more about permissions and consent				
+ Add a permission 🗸 Grant admin consent for				
API / Permissions name Type Description Admin consent requ Status			Status	
∽ Microsoft Graph (1)				
User.Read	Delegated	Sign in and read user profile	No	🤡 Granted for v
✓ Office 365 Exchange Online (1)				
full_access_as_app	Application	Use Exchange Web Services with full access to all mailboxes	Yes	📀 Granted for w

17. Click on "Authentication" in the left-hand menu.

₽ Search	« 🕐 Refresh 🛛 🖗 Got feedback?
R Overview	
duickstart	The "Admin consent required" column shows the
🕺 Integration assistant	The Admin consent required column shows to
Manage	Configured permissions
Branding & properties	Applications are authorized to call APIs when they a all the permissions the application needs. Learn mo
O Authentication	
Y Certificates & secrets	+ Add a permission 🗸 Grant admin consent
Token configuration	API / Permissions name Type

18. Under "Advanced settings", set "Enable the following mobile and desktop flows" to "No".





19. Save the settings.

Home > Azure AD B2C App registration					
₽ Search «	🔗 Got feedback?				
💉 Integration assistant	editor. Learn more about these restrictions.				
Manage					
🔤 Branding & properties	Advanced settings				
Authentication	Authentication Allow public client flows O				
📍 Certificates & secrets	Enable the following mobile and desktop flows: Yes	No			
Token configuration	• App collects plaintext password (Resource Owner Password Credential Flow) Learn more				
API permissions	 No keyboard (Device Code Flow) Learn more² SSO for domain-joined Windows (Windows Integrated Auth Flow) Learn more² 				
🔷 Expose an API	App instance property lock $^{\odot}$				
u App roles					
A Owners					
& Roles and administrators					
0 Manifest	Save Discard				

20. Access "Certificates & secrets" in the left-hand menu and click on "New client secret".

	ertificates & se					
P Search	🔹 🖉 Got feedt	back?				
Overview						
Quickstart		Credentials enable confidential applications to identify themselves to the authentication service when receiving tokens at a web addressable location (using an HTTPS scheme). For a higher level of assurance, we recommend using a certificate (instead of a client secred as a credential.				
lntegration assistant	201010211010	scheme). For a higher level of assurance, we recommend using a certificate (instead of a client secret) as a credential.				
Manage	Applicat	ion poistration certificates sero	ts and federated crede	ntials can be found in the tabs below.		
Branding & properties	•					
Authentication	Certificates (0) Client secrets (0)	Federated credential	s (0)		
Certificates & secrets 🕕				· · · ·	for the second second second	
Token configuration	A secret string	g that the application uses to	prove its loentity when	n requesting a token. Also can be re	rened to as application password.	
API permissions	+ New clie	ent secr 2				
Expose an API	Description	n New client secret	Expires	Value 💿	Secret ID	
App roles	No client sec	rets have been created for this	application			
Owners	no cicit sec		approvent			

21. Enter a name and set a preferred client secret expiration, then click "Add".

Home > Azure AD B2C App registrations > Monitor G5 Monitor G5 Certificates & secrets * ···	Add a client secret		×
R Got feedback?	Description Expires	ClientSecretTest	~
Credentials enable confidential applications to identify themselves to the authentication service when receiv scheme). For a higher level of assurance, we recommend using a certificate (instead of a client secret) as a c	3 Add Cancel		
Application registration certificates, secrets and federated credentials can be found in the tabs below.			
Certificates (0) Client secrets (0) Federated credentials (0)			
A secret string that the application uses to prove its identity when requesting a token. Also can be referred			



22. Note that **the client secret can only be copied once** – copy the content in "Value" and store it in a safe place, you will need it later.



23. Go to "Users", copy an existing e-mail address, then test it in the Monitor ERP client according to the next part.

𝒫 Users 1		
All Services (17)	Resources	Resource Groups
Azure Active Directory (0)		
Services		
🚨 Users [2]		
A Users		



Monitor ERP setup (Client secret method)

1. Start the Monitor ERP client and sign in with the appropriate admin account.

	х
Monitor ERP	
<u>画</u> 004.1 Demo3 ~	

2. Access the "System settings" procedure.



3. Click on the "System overall" tab.





4. In "E-mail method" select "Server based, via Microsoft Exchange Online".



5. Set the server address – outlook.office365.com.



6. Paste the <u>Application (client) ID</u> previously saved from Azure in the corresponding field.

_							
		. ♀ = # # # ® ★ · Ø	System settings				
	Manufa	cturing Purchase Sales Stock Time record	ding Accounting System overall Web Agent				
	E-mail						
	14.	E-mail method	Server based, via Microsoft Exchange Online 🔹 🍽				
	15.	Server address (Exchange/SMTP)	outlook.office365.com				
	16.	Port (Exchange/SMTP)	0 >>				
	17.	User name (SMTP)	>>				
	18.	Password (SMTP)	>>				
	19.	Use SSL	No 🔻 ≫				
	20.	Maximum size for files in e-mail	10 🗘 MB ≫				
	Microso	Microsoft Entra ID (Azure Exchange/SharePoint)					
	21.	Application (client) ID	***********************				
	22.	Directory (tenant) ID	······ >>				
	23.	Authentication flow	Client secret 🔹 🔊				
	24.	Client secret					



7. Paste the <u>Directory (tenant) ID</u> previously saved from Azure in the corresponding field.



8. In "Authentication flow" select "Client secret".



9. Paste the <u>Client secret</u> previously saved from Azure in the corresponding field.





10. The port can be set, for more information refer to <u>https://learn.microsoft.com/en-us/microsoft-365/enterprise/urls-and-ip-address-ranges?view=o365-worldwide</u>.

	■ ♀ ■ ■ 亜 ■ ★・ 🛛	System settings
Manu	facturing Purchase Sales Stock Time re	ecording Accounting System overall Web Agent
E-mail		
14.	E-mail method	Server based, via Microsoft Exchange Online 🔹 🍽
15.	Server address (Exchange/SMTP)	outlook.office365.com
16.	Port (Exchange/SMTP)	443 >>>
17.	User name (SMTP)	>>
18.	Password (SMTP)	>>
19.	Use SSL	No - >>
20.	Maximum size for files in e-mail	10 ‡ MB >>>

11. Click on the green icon next to the server address to test the settings.



12. Set e-mail method to "Server based, via Microsoft Exchange Online".

: 9	Che	eck e-mail settings	
-	E-mail method	Server based, via Microsoft Exc >	< -
-	Recipient		
-	Sender		
-	User name (Exchange)		
-	Password (Exchange)	***************	
	Result		
•			*
			Ŧ
	Т	Test Cancel	



13. Enter a valid recipient, sender, user name and password.

2		
2	Che	eck e-mail settings
-	E-mail method	Server based, via Microsoft Exc 🗙 🔻
_	Recipient	
	Sender	
	User name (Exchange)	
-	Password (Exchange)	*****
	Result	
:		*
		Ŧ
	1	Test Cancel

14. Press the "Test" button – the message "OK" will be displayed if everything is set up according to the examples in this document.

ç	Che	ck e-mail settings
-	E-mail method	Server based, via Microsoft Exc × 👻
_	Recipient	
Ì	Sender	
-	User name (Exchange)	
-	Password (Exchange)	***********
	Result	
	OK!	*
		*
	Т	Cancel

(Please note: If the service has been set up recently you may receive a **403 Forbidden message** due to delays when updating a tenant in Azure Portal. In this case, wait a moment then press "Test" again. If you encounter other messages in the "Result" box, please refer to the online documentation by Microsoft).



Settings for incoming e-mail (Client secret method)

1. Access the "Settings for incoming e-mail" procedure.

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	Basic settings Company information System settings Calendars	 File management Paths File path list Settings for file viewer
	Multi-company settings Edit bulletin board Desktop templates Server printers Form templates	 Export/Import Settings for export/import Settings for BI Settings for incoming e-mail Balance import

2. Under "Service" select "Exchange Online".

	프 💷 ★ - 😮	Settings for i	ncoming e-mai	1		- 🗆 🗙
Server settings						
Service Service	Server name	Por	Polling interval			
Exchange	Directory (tenant) ID Authentication flow	Client secret				
IMAP	User name/Passwor					
Exchange Online						
+≣ Val. E-mail	User name	Passwor	d	Туре	Available	
-E •						



3. Enter the URL to the server – for example outlook.office365.com.

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Serv	er settings							
Servio	e	Server name		Port	Polling interval			
Exch	ange Online 🔻	outlook.office365.com		0	min			
Applic	ation (dient) ID	Directory (tenant) ID	Authentication flow	Client secret				
0		9	User name/Password	-				
	ail accounts		1					
+≣	Val. E-mail		User name	Password	ī	Туре	Available	
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0								
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								 Applica Application (client) ID is missing Directo Directory (tenant) ID is missing
								Greeco Directory (tenany to is missing

4. Set a pooling interval (in minutes) according to your requirements, in our example we set this to 60,00 to check for new e-mails on the server once every hour.

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	er settings							
Service		Server name		Port Polling interva				
Excha	inge Online	▼ outlook.office365.com		0 60,00 min				
	ation (dient) ID	Directory (tenant) ID		Client secret				
0		0	User name/Password 🔻					
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	al accounts							_
+=	Val. E-mail		User name	Password	Туре	Available		_
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0								
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							2 errors	
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							 Applica Application (client) ID is missing Directo Directory (tenant) ID is missing 	
							Directo Directory (tenant) ID is missing	



5. Enter the Application (client) ID.

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Serve	er settings							
Service		Server name		Port Polling interva	al			
		 outlook.office365.com 		0 60,00 min				
	ation (client) ID	Directory (tenant) ID	Authentication flow	Client secret				
*****	**************	•••••••••••••••••••••••••••••••••••••••	User name/Password +					
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+≣	Val. E-mail		User name	Password	Туре	Available		_
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							1 errors	~
							Directo Directory (tenant) ID is missing	

6. Enter the <u>Directory (tenant) ID.</u>

Server settings	≞ ★- 0	Settings for incoming e-mail		- 🗆 🛛
Service Server nam Exchange Online • outlook.of Application (client) ID Di	ne ffice365.com irectory (tenant) ID Authentication flow User name/Password	Port Poling interval 0 60,00 min Clent secret		
+≦ Val. Emal	User name	Password	Type Available	



7. "Authentication flow" should be set to "Client secret".

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Sen	/er s	ettings											
Servi	ce		Server n	iame				Port	Polling interval				
Exd	nange (Online 🔻	outlook	.office365.com				0	60,00 min				
Appli	cation	(client) ID		Directory (tenant) ID		Authentication flow		t secret					
***	******	**************	*******	*************	***********		•						
E-m	ail ac	ccounts				User name/Password	_						
+=					User name	Client secret		assword		Туре	Available		_
	-												_
0													
												1 errors	~
												Client Client secret is missing	

8. Enter the <u>client secret.</u>

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erver settings						
	Server name		Port Polling interv	al		
-	outlook.office365.com		0 60,00 mir	1		
pplication (client) ID	Directory (tenant) ID	Authentication flow	Client secret			
		Client secret	•			
-mail accounts						
ŧ≣ Val. E-mail	L	Jser name	Password	Туре	Available	



9. Add an e-mail account by pressing the plus icon or F5 on your keyboard.

ver settings ice							
	Server name			Port Polling interva	4		
iange Online	 outlook.office365.com 			0 60,00 min]		
ation (client) ID	Directory (tenant) ID	Authentication flo		ent secret			
****************	*******	Client secret	¥ 8	*****************			
ail accounts							
Val. E-mail		User name		Password	Туре	Available	
					1465		
d new row at the end ((F5)						

10. Enter the e-mail address.

P = 1	: □: □: ★ · ()	Setting	gs for incoming e-mai	I	🛛
Server settings Service Exchange Online * Application (client) ID E-mail accounts	Server name outlook.office.85.com Directory (tenant) ID		Port Poling interval 0 60,00 min ent secret		
+≣ Val. E-mai		ame	Password	Type Avaliat	



11. Select all "Types" that apply to your configuration of Monitor ERP, for example "Monitor-to-Monitor".

Service Service Exchange Online upplication (dent) ID Image: Counts	Image: Cleant secret Cleant secret User name Password Vipe Available Image: Cleant secret Image: Cleant secret User name Password Vipe Available Image: Cleant secret Image: Cleant secret Image: Cleant secret secret Image: Cleant secret Image: Cleant secret sec	Exchange Online		ⅲ ःः 助 ★・ 😮		Setting	is for incoming e-mail					
Exchange Online	Authentication flow Client secret Client secret ************************************	Exchange Online	rver settings									
polication (dent) ID Directory (tenant) ID Authentication flow Client secret	Authentication flow Client secret User name Password Vire Nonitor-to-Monitor CRM Nonitor-to-Monitor CRM Part Customer order Customer order Customer order Part Part Customer order Part Part Customer order Part Part Part Part Part Part Part Par	pokation (dent) ID Directory (tenant) ID Authentication flow Client secret Glient secret Glie	rvice	Server name			Port Polling interval					
	User name Password Type Available User name Password Type Available User name Password Type Quarter of Part CAM SRM Part Customer order Case Quarte Quarte Quarte Parts Case Quarte Parts Case Part		change Online 🔹	outlook.office365.com			0 60,00 min					
Yell. E-mail User name Password Type Available -= Wall. E-mail User name Password Type Available -= -= - - - • • • • -= - - - •	User name Password Type Available User name Password Type Available User name Password Type Available I Monitor-to-Monitor CRM SRM SRM Part Customer order Customer order Quote Purchase order Inquiry Personnel	y= y= y= Y= Available y= Val. E-mail User name Password Type Available -= <	plication (dient) ID									
Val. E-mail User name Password Yye Available	Image: Second secon	Val. E-mail User name Password Yype Available	***********************	******	Client secret	* **	******************					
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GRM SRM Part Customer order Case Quote Purchase order Induiry	SRM Part Customer order Case Quote Quote Purchase order Inquiry Personnel	CRM SRM SRM Casher Customer order Case Quote Purchase order Inquiry Personnel Personnel							Monitor-to-Monitor			
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Customer order Case Quote Purchase order Inguiry	Customer order Case Quote Purchase order Inquiry Personnel	Customer order Case Quote Purchase order Inquiry Personnel							SRM			
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	roject							<u> </u>	Project	1		

12. Click on "Available" and set your preferred permissions ("Available to all" by default).





13. Press the green icon to validate the selected address.

Server settings	Settings I	for incoming e-mail	- 🗆 🛛
Service Server name Exchange Online Application (client) ID Directory (tenant) ID		Port Poling interval 60,00 min t secret	
E-mai accounts	User name Pa	Password Type Monitor-Ib-Monitor	Avslabe

14. Press "Save" then close the procedure.

E P ■ III III ★ 0	Setting	is for incoming e-mail	ail	🗙
Service Server name		Port Polling interval		
Exchange Online		0 60,00 min	in	
Application (dient) ID Directory (tenant) ID		ent secret		
	Client secret 🔹 🔹	*******		
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