

Using Azure as the IDP for a SSO connection with Blackbaud ID

Is your org a Microsoft shop? Then learn how easy it is to setup Single Sign On (SSO) with Blackbaud ID using Azure

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I'm the Identity and Access Management (IAM) product manager for Blackbaud SKY platform solutions.

You're here because you regularly sign in to...

Other Business Applications





And your authentication landscape looks something like...



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But you wish it was...



To complete this job you'll need access to 3 roles

- Blackbaud Org Admin –to configure the connection on the Blackbaud side
- Azure Portal Admin to configure the connection within Azure
- **DNS Admin** to verify ownership of the domain being claimed on the connection

Pro tip: Before starting this process, consider inviting yourself as an Org Admin at an email address that will not be on the same domain you are claiming for SSO. This can help avoid accidental lockout on the account.







Azure SSO by Creating an Application

Navigate to Manage SSO within Blackbaud Admin



Select Azure AD



Configure your connection



Sign in to Azure Portal and navigate to Azure AD



https://portal.azure.com/#home

Enter your primary Azure AD domain



Register new app



Copy redirect URI and Register app

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	Configure Azure AD application	lackie's LE	Home > Blackbaud-ID >									
Single	1. In a separate browser tab, sign in to your Azure portal		Register an application — ×									
Back to Au	2. Enter your primary Azure AD domain. blackbaudid.onmicrosoft.com 3. In the Azure portal, create an app registration with the redirect URI https://blackbaudipc.autb0.com/logip/callback bttps://blackbaudipc.autb0.com/logip/callback bttps://blackbaudipc.autb0.com/logip/callbackbaudip		* Name The user-facing display name for this application (this can be changed later). Azure AD SSO connection for Jackie's LE with Blackbaud									
	4. Enter your application's ID. *		Supported account types Who can use this application or access this API? Constraint this organizational directory only (Blackbaud-ID only - Single tenant) Constraint any organizational directory (Any Azure AD directory - Multitenant)									
	5. In the Azure portal, edit the API permissions for your application to											
	 turn on the User.kead permission. In the Azure portal, create a secret key to secure your application's credentials when requesting tokens. Enter the secret key. * 		Accounts in any organizational directory (Any Azure AD directory - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox) Personal Microsoft accounts only									
	Finish Cancel		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. Web Mttps://blackbaudinc.auth0.com/login/callback									
			Register an app you're working	on here. Integrate gallery apps and other apps from outside your organiza	tion by adding from Enterprise applications.							
			By proceeding, you agree to the Register	e Microsoft Platform Policies 🖉								



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Single Back to Al	 In a separate browser tab, sign in to your Azure portal Enter your primary Azure AD domain. * 		Azure AD SSO connect Search (Cmd+/) «	Delete Endpoints Preview features	ud 🖈 …	×		
	3. In the Azure portal, create an app registration with the redirect URI * https://blackbaudinc.auth0.com/login/callback		 Overview Quickstart Integration assistant 		Client credentials Add a certificate or secret			
	4. Enter your application's ID. *			Application (client) ID Object ID	Redirect URIs <u>1 web, 0 spa, 0 public client</u> Application ID URI <u>Add an Application ID URI</u>			
	5. In the Azure portal, edit the API permissions for your application to turn on the User.Read permission.		Authentication Certificates & secrets Token configuration	Directory (tenant) ID Managed application in local directory Azure AD SSO connection for Jackie's LE with Blackbar Supported account types My organization only Welcome to the new and improved App registrations. Looking to learn how it's changed from App registrations (Legacy)? Learn more				
	 In the Azure portal, create a secret key to secure your application's credentials when requesting tokens. Enter the secret key. 		API permissions Expose an API					
	Finish Cancel		 App roles Owners Roles and administrators 	Starting June 30th, 2020 we will no longer add any new Azure AD Graph. We will continue to provide technical s updates. Applications will need to be upgraded to Micro	features to Azure Active Directory Authentication Library (ADAL) and support and security updates but we will no longer provide feature soft Authentication Library (MSAL) and Microsoft Graph. Learn more			
			Manifest	Get Started Documentation				

Go to API Permissions and Add a permission

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Select Microsoft Graph



Select delegated permissions



Add User.Read Permission

Home > Blackbaud-ID > Azure AD Sea	ch resources, services, and docs (G+/) 도 대 산 ③ ⑦ 준 John.Vogel@blackbaud BLACKBAUD-ID
Azure AD SSO cor Search (Cmd+/) A Overview Quickstart Integration assistant	C 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 classed in user.
Manage Branding & properties Authentication Certificates & secrets Token configuration All nermissions	Select permissions expand all Select permission service in cost. The "Admin consent required" column shows the default value for an organization. However, user consent can be customized per permission, user, or app. This column may not reflect the value in your organizations where this app will be used. Learn more
 Expose an API App roles Owners Roles and administrators 	Permission Admin consent required > IdentityRiskyUser > User (f)
Manifest Support + Troubleshooting	User.Read ① No Sign in and read user profile No User.Read.All ① Yes Read all users' full profiles Yes
dest	User.ReadBasic.All © No Read all users' basic profiles No User.ReadWrite © No

Grant Admin Consent



Go to Certificates & secrets and add new secret



Add Secret Value, expiration date and Finish configuration

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	▲ Enter the secret key value 7. In the Azure portal, find the "Expires" date for the secret key used in the previous step. Enter the secret key's Expires date. MM/DD/YYYY r=h Finish Cancel		 App roles Owners Roles and administrators Manifest Support + Troubleshooting Troubleshooting New support request 		New client secret Description Expires bbdevdays2023 6/4/2025	Value ①	Secret ID

Claim email domains



Enter domain and start verification



Enter DNS record details



Email domain Verified



Test Connection



Test connection successful!

EMAIL CONFIRMING SIGN IN



WELCOME PAGE AFTER SIGNING IN



Turn on SSO



Confirm any impact & Connect SSO



Connect your Azure AD SSO

Ready to make the switch? When you connect with Azure AD:

- · Anyone who signs in with a Blackbaud ID that includes one of your verified domains will automatically redirect to your identity provider (IdP), like those currently in Test mode.
 - View the Blackbaud IDs using @blackbaudid.com
- When your IdP authenticates a Blackbaud ID, that ID will ... your Azure AD connection to manage passwords, lockouts, and other security features.
- Automatically send members an email from Blackbaud informing them of the change



These Blackbaud IDs all signed in with your domain in their email address at some point.

Any changes to your SSO settings affect these users. To notify them of changes, you can copy and paste this list as email recipients.

(Showing up to 1,000)



john.vogel@blackbaudidsso.com

Close

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Connect with Azure AD

Cancel

https://signin.blackbaud.com/signin/?loginTest=true Copy

Confirmation email



Sent to users that previously had a Blackbaud ID on the claimed domain(s) used with the SSO connection

Completed connection page

■ Admin Home Users and admins Billing Authentication	Settings V 🥂 🥐
Single sign-on with Azure AD Back to Authentication settings Jackie's LE Edit display name Update application key	
Invite another admin to configure your connection Learn about disconnecting	g SSO
Connection details	Redirect settings
Connection name blackbaudid-onmicrosoft-com Application ID	These links will redirect your users directly to your sign in URL. Raiser's Edge NXT https://signin.blackbaud.com/signin?sso=blackbaudid-onmicrosoft- com&redirectUrl=https://renxt.blackbaud.com/ Copy
Claimed email domains	



Thank you

john.vogel@blackbaud.com



Disconnecting SSO

Disconnecting SSO



Disconnecting SSO



directly to your

Disconnection Email to Users

