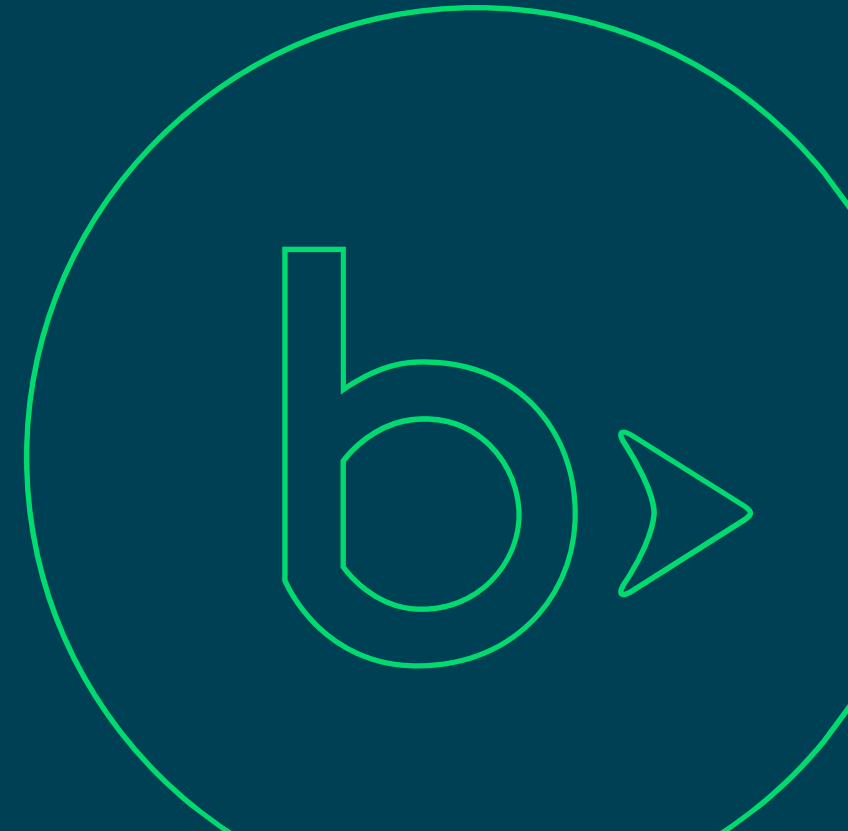blackbaud®

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

John Vogel
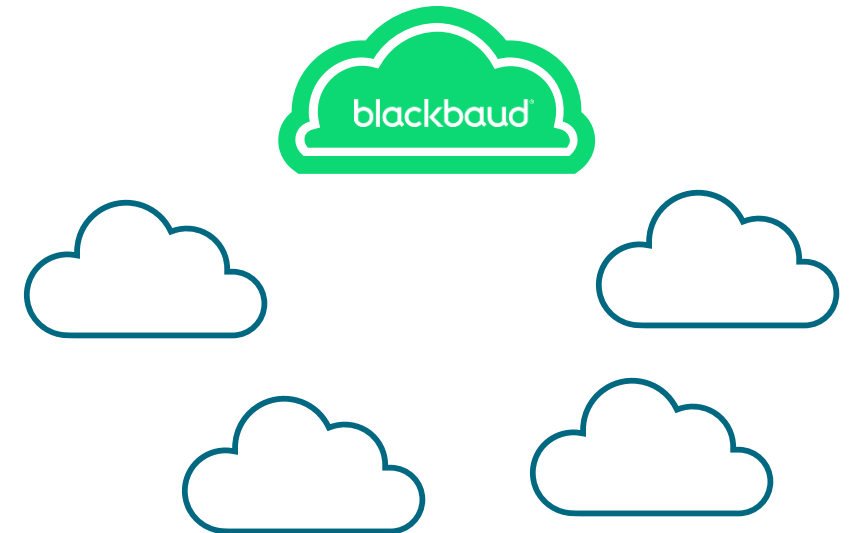Senior Technical Product Manager

John Vogel

Senior Technical Product Manager

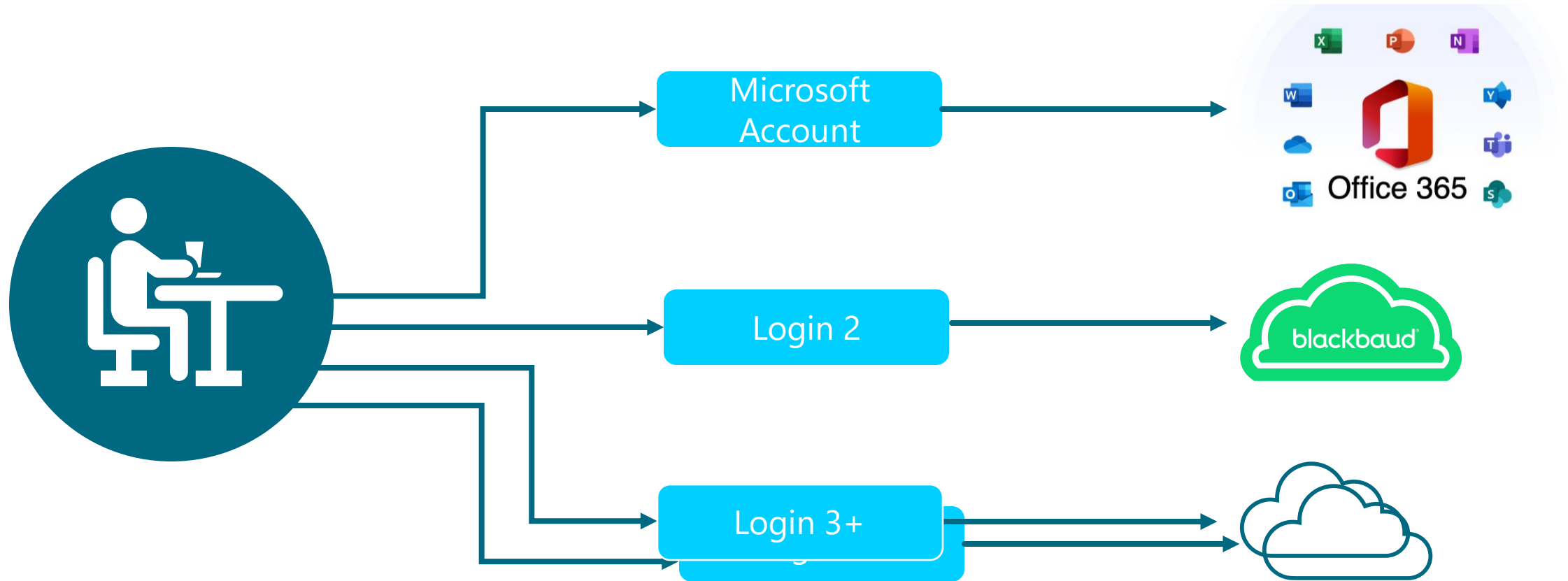I'm the Identity and Access Management (IAM) product manager for Blackbaud SKY platform solutions.
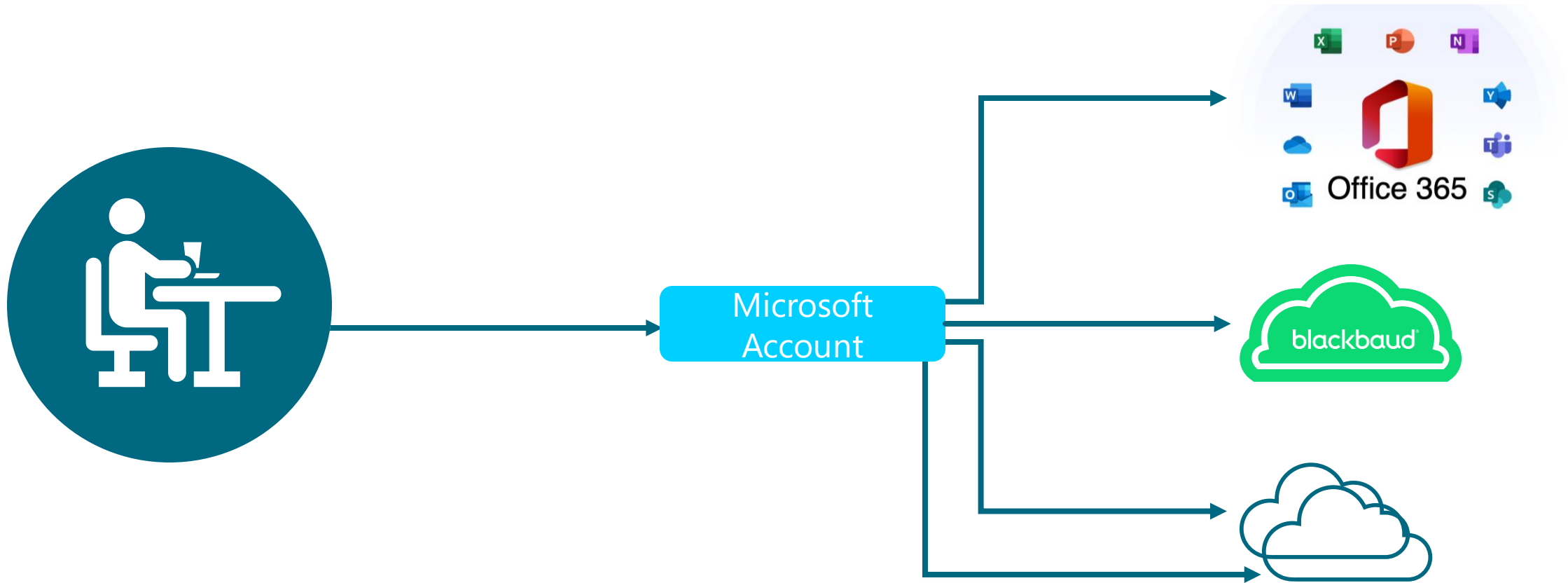
You're here because you regularly sign in to...

Other Business Applications

And your authentication landscape looks something like…

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.
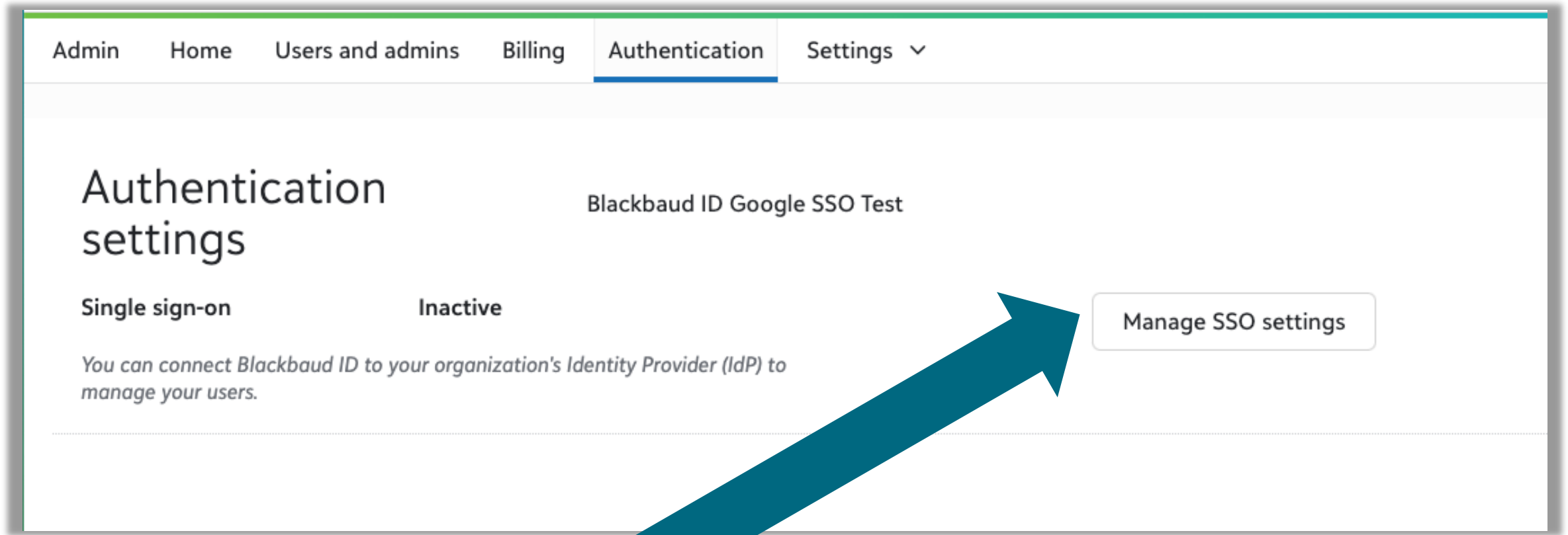
So…
Let's make it happen!!!
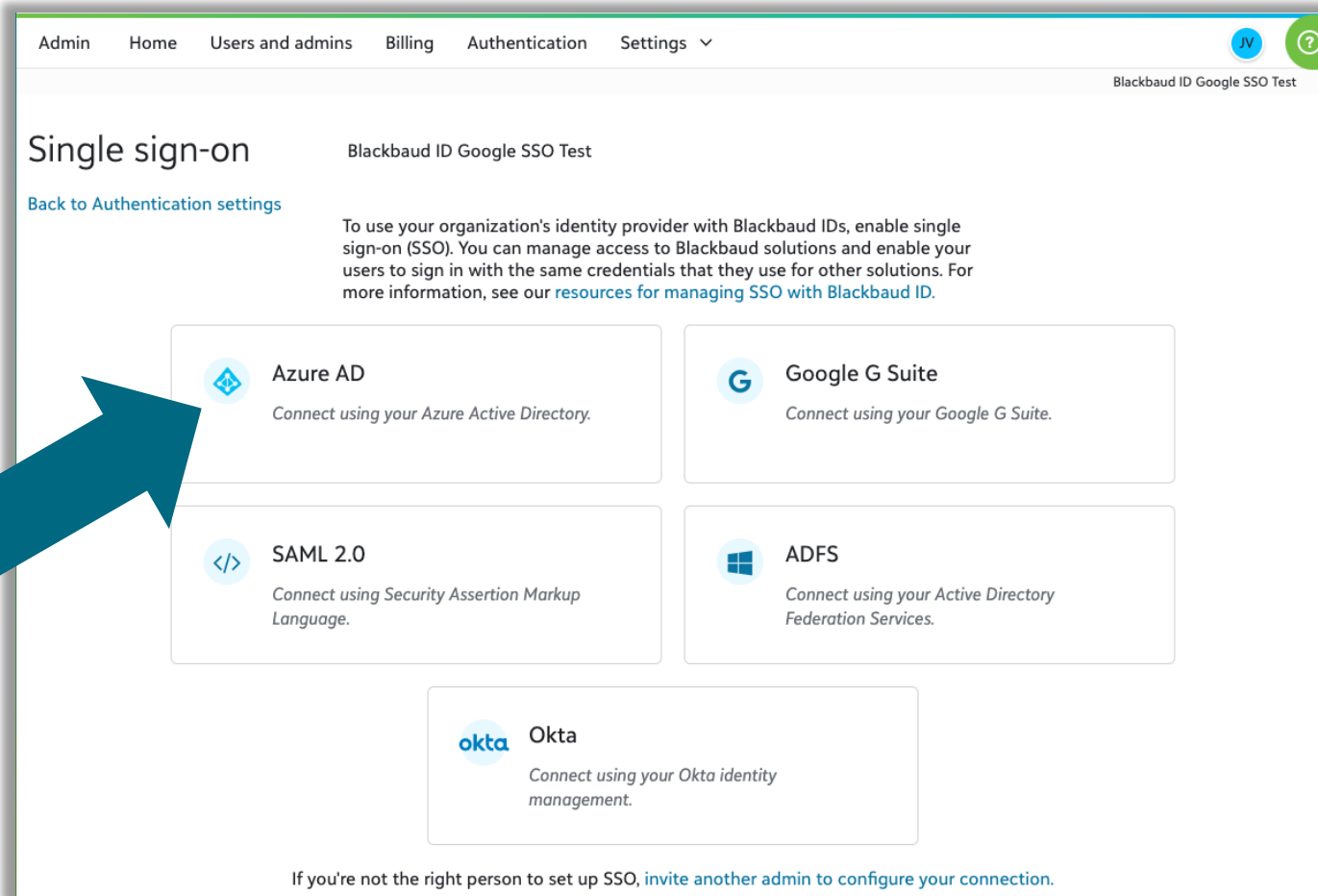
Azure SSO by Creating an Application

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

Enter App's ID
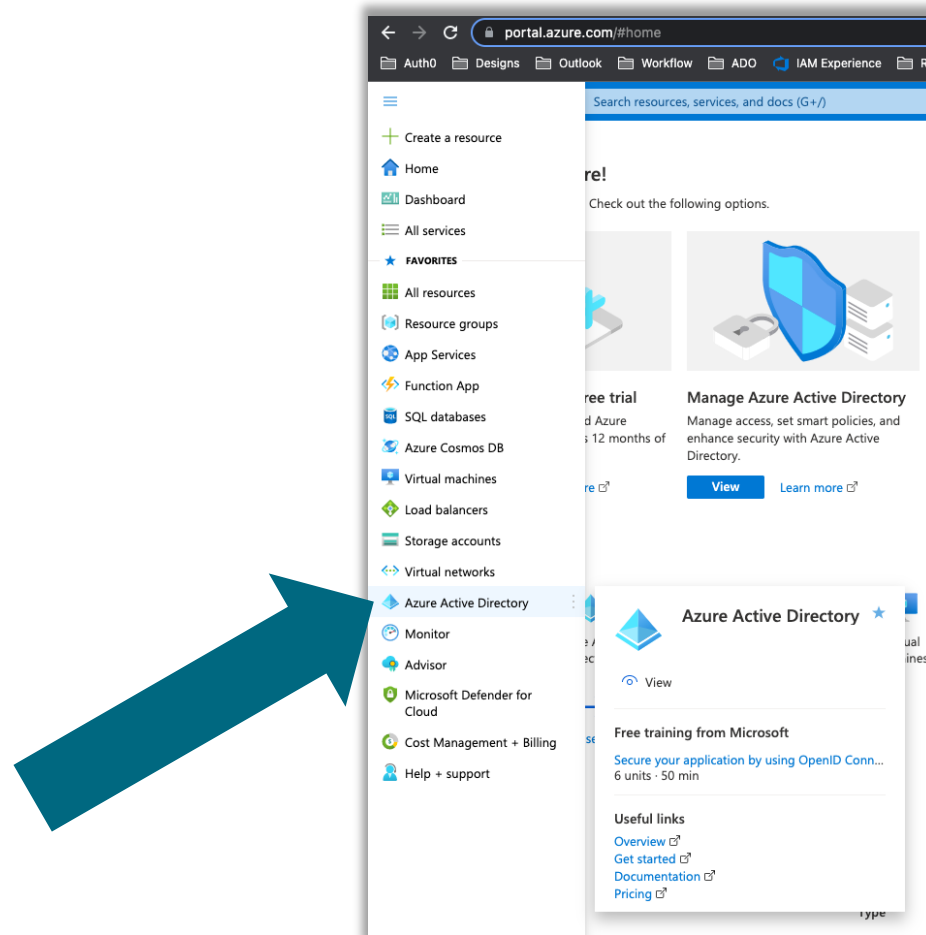
Configure Azure AD application

1. In a separate browser tab, sign in to your Azure portal
2. Enter your primary Azure AD domain. *

   blackbaudid.onmicrosoft.com

3. In the Azure portal, create an app registration with the redirect URI *

   https://blackbaudinc.auth0.com/login/callback   📋 Copy

4. Enter your application's ID. *

   ████████████████████████████████

5. In the Azure portal, edit the API permissions for your application to turn on the **User.Read** permission.

6. In the Azure portal, create a secret key to secure your application's credentials when requesting tokens. Enter the secret key. *

Finish   Cancel

Microsoft Azure   Search resources, services, and docs (G+/)   John.Vogel@blackbaud....
BLACKBAUD-ID

Home > Blackbaud-ID >

Azure AD SSO connection for Jackie's LE with Blackbaud

🔍 Search (Cmd+/)   « | 🗑 Delete   🌐 Endpoints   Preview features

Overview

Quickstart

Integration assistant

Authentication

Certificates & secrets

Token configuration

API permissions

Expose an API

App roles

Owners

Roles and administrators

Manifest

∧ Essentials

Display name
Azure AD SSO connection for Jackie's LE with Blackbaud

Application (client) ID
████████████████████████

Object ID
████████████████████████

Directory (tenant) ID
████████████████████████

Supported account types
My organization only

Client credentials
Add a certificate or secret

Redirect URIs
1 web, 0 spa, 0 public client

Application ID URI
Add an Application ID URI

Managed application in local directory
Azure AD SSO connection for Jackie's LE with Blackbaud

ⓘ Welcome to the new and improved App registrations. Looking to learn how it's changed from App registrations (Legacy)? Learn more

ⓘ Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure AD Graph. We will continue to provide technical support and security updates but we will no longer provide feature updates. Applications will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph. Learn more

Go to API Permissions and Add a permission

Select Microsoft Graph

Select delegated permissions

Add User.Read Permission

Grant Admin Consent

Go to Certificates & secrets and add new secret

Add Secret Value, expiration date and Finish configuration

Claim email domains

Enter domain and start verification

Enter DNS record details

Email domain Verified

Claim email domains

Enter the domains you want to claim below ⓘ

blackbaudidsso.com ✔ **Verified** *You may remove the TXT record from your DNS* 🗑

⊕ Claim another domain

⚠ *You cannot remove a domain that has active users*

Close

Test Connection

Test connection successful!

EMAIL CONFIRMING SIGN IN
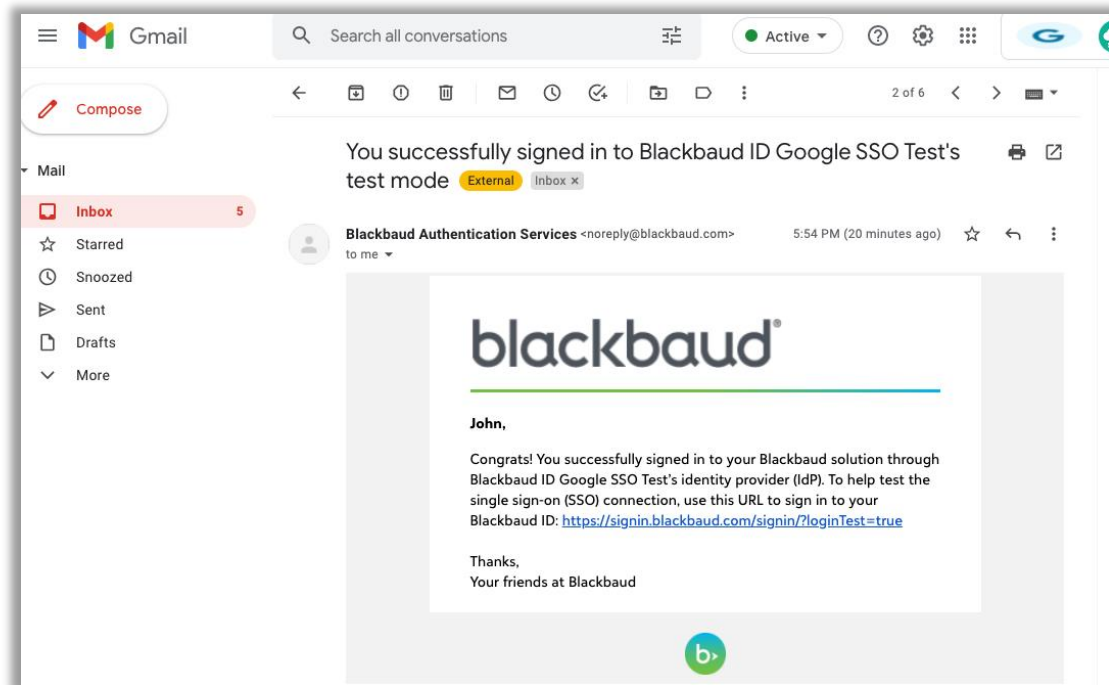
WELCOME PAGE AFTER SIGNING IN
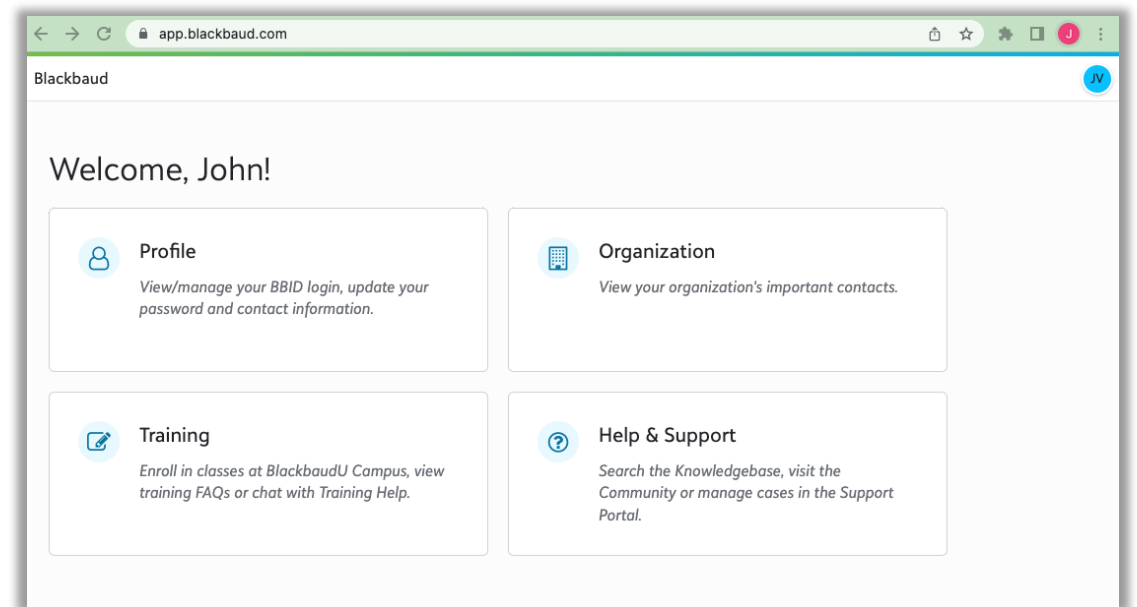
Turn on SSO

1 - Configure your connection

⚠ To edit the connection, first revert users from Test mode.

2 - Claim your email domains

blackbaudidsso.com   View Blackbaud IDs
Edit claimed domains

3 - Test connection

Open this Test mode URL in a private/incognito browser window
ⓘ
https://signin.blackbaud.com/signin/?loginTest=true
📋 Copy

(1 Blackbaud IDs currently in Test mode)
Turn off Test mode

4 - Turn on

Learn about turning 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 then use your Azure AD connection to manage passwords, lockouts, and other security features.

☑ Automatically send members an email from Blackbaud informing them of the change

Connect with Azure AD   Cancel

Blackbaud IDs

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.
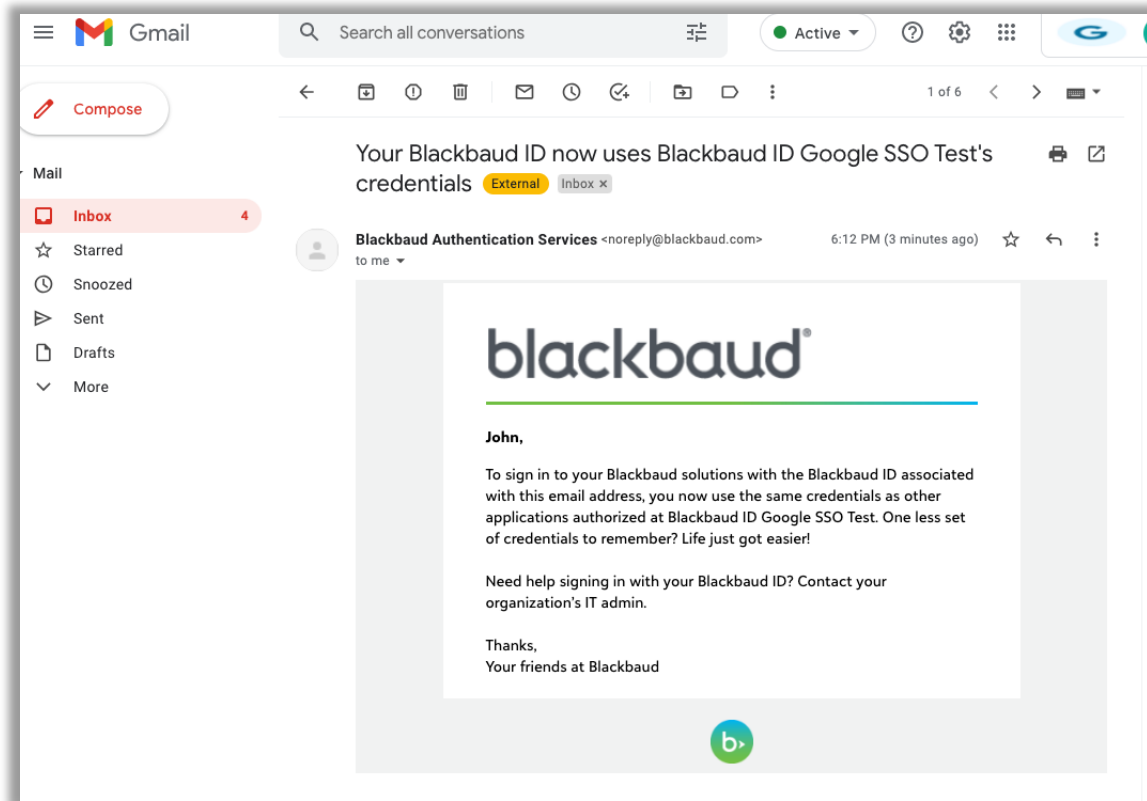
(Showing up to 1,000)

📋 Copy all to clipboard

john.vogel@blackbaudidsso.com

Close

1

2

Admin   Home

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

blackbaud®

Thank you

john.vogel@blackbaud.com

Disconnecting SSO

Disconnecting SSO

Disconnecting SSO

Disconnection Email to Users