

European  
**Power Platform**  
Conference



**BRUSSELS**  
11-13 JUNE — 24

# Power Pages Onboarding and Authentication – Secure and Simple



**Peter Carson**

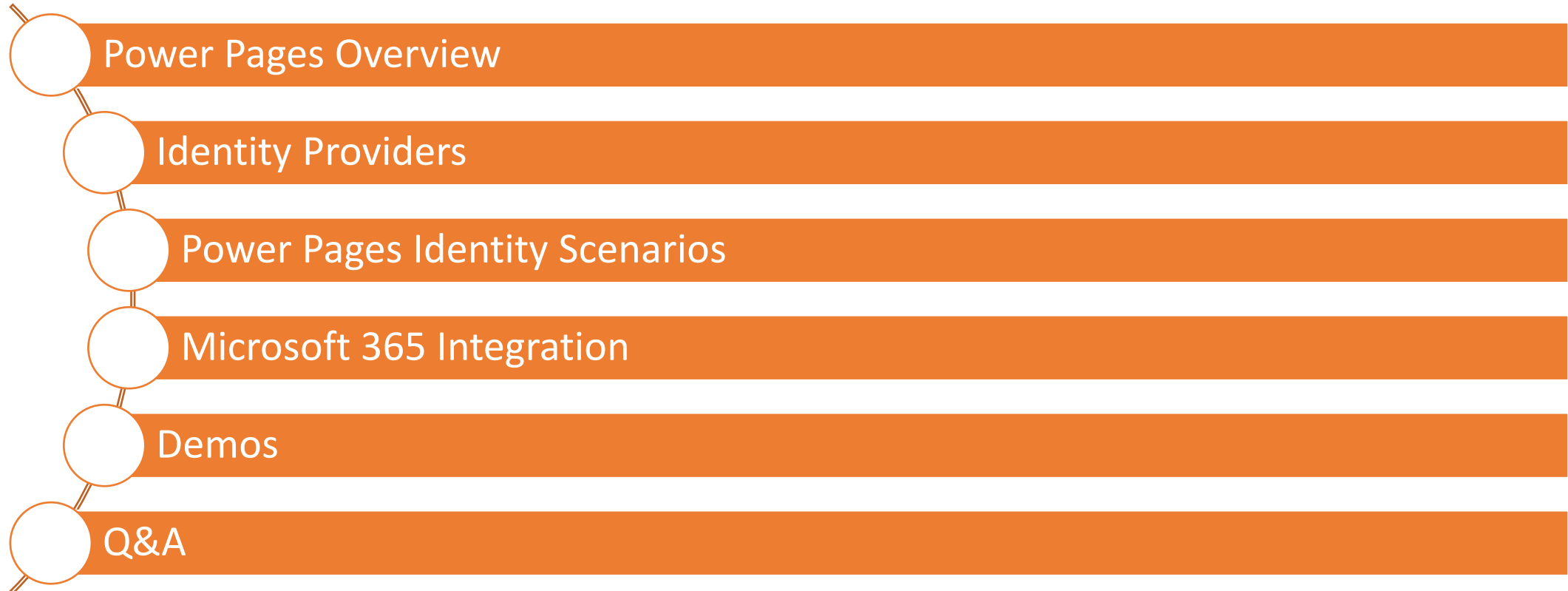
President, Extranet User Manager  
Canada



**Hugo Bernier**

Enterprise Platform Architect, Takeda  
Canada

# AGENDA



# Power Pages Overview

# Power Pages Authentication and Authorization

## Authentication



**Confirms users are who they say they are**

## Authorization



**Validates users have permission to complete the attempted action**

[Understanding the essentials of identity and access management \(IAM\) | Microsoft Entra Identity Platform](#)

## Bad: Password

123456

qwerty

password

iloveyou

Password1

## Good: Password and...



SMS



Voice

## Better: Password and...



Authenticator  
(Push Notifications)



Software  
Tokens OTP



Hardware Tokens OTP  
(Preview)

## Best: Passwordless



Authenticator  
(Phone Sign-in)



Window  
Hello



FIDO2 security key



Certificates

[Authentication methods and features - Microsoft Entra ID | Microsoft Learn](#)

[→ Sign in](#)   [Register](#)   [Redeem invitation](#)

### Sign in with a local account

\* Username

\* Password

☐ Remember me?

[Sign in](#)

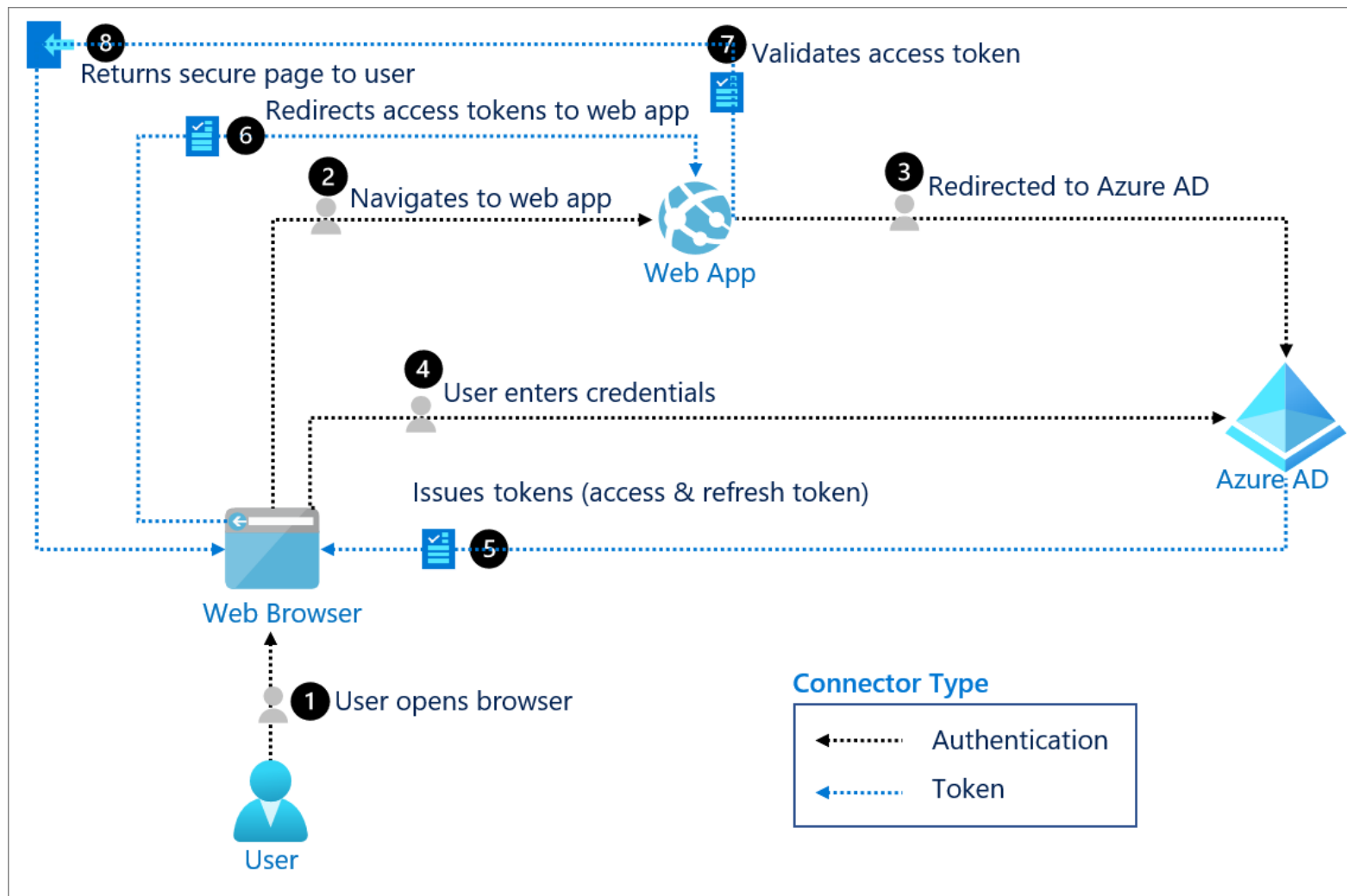
[Forgot your password?](#)

### Sign in with an external account



# SSO and Federation

- Your Power Pages app doesn't manage authentication
- You federate with an Identity Provider (IdP)
  - Entra ID B2C or B2B
  - LinkedIn
  - Google
  - Facebook
  - Okta
  - ...



[OAuth 2.0 authorization with Microsoft Entra ID - Microsoft Entra | Microsoft Learn](#)

Work

Identity providers | Set up | Power Pages

https://make.powerpages.microsoft.com/e/3b0f8f8e-1dd0-e8b9-94c6-26d93de35500/sites/0d269a4b-b50b-4925-bb21-013d4270ee0d/setup/identity-providers

Power Pages

Environment: PowerPagesDeveloper...

Entra ID B2B - Private - Saved

Preview Sync

### Set up

- Pages
- Styling
- Data
- Set up
  - Identity providers

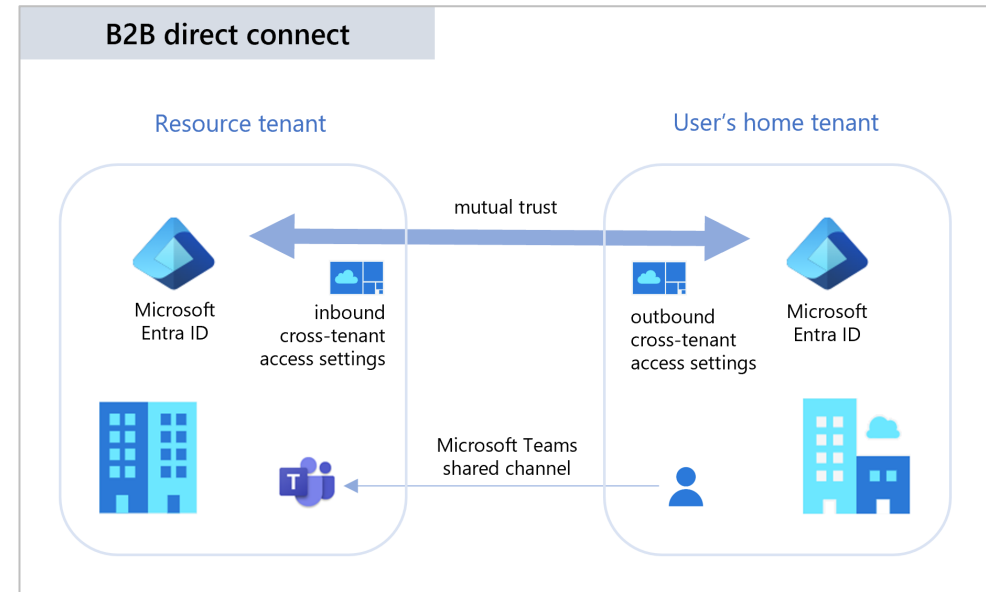
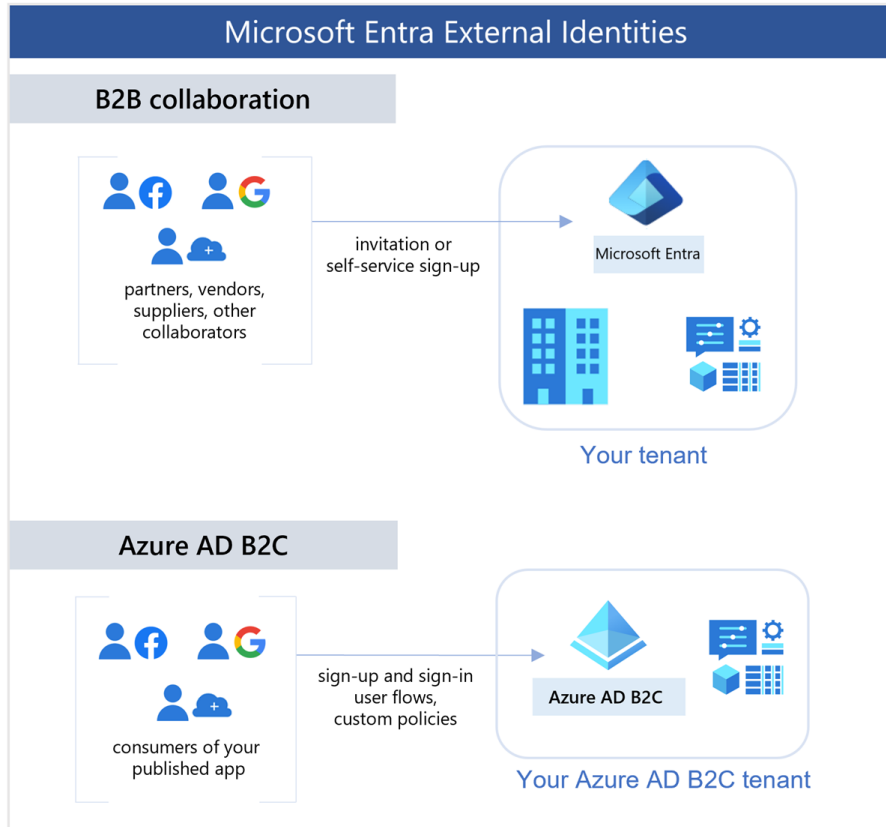
### Identity providers

+ New provider Authentication settings

Search

Name	Provider	Status
Local sign in	Local sign in	Disabled
Azure Active Directory (Default)	Azure Active Directory	Enabled
Azure Active Directory B2C	Azure Active Directory B2C	<a href="#">Configure</a>
Facebook	Facebook	<a href="#">Configure</a>
LinkedIn	LinkedIn	<a href="#">Configure</a>
Google	Google	<a href="#">Configure</a>
Twitter	Twitter	<a href="#">Configure</a>
Microsoft	Microsoft	<a href="#">Configure</a>

# Entra ID External Identities



[Microsoft Entra External ID overview - Microsoft Entra External ID | Microsoft Learn](#)

# Comparison

## B2C

- Broad federation support



And more...

- Custom URLs and branding

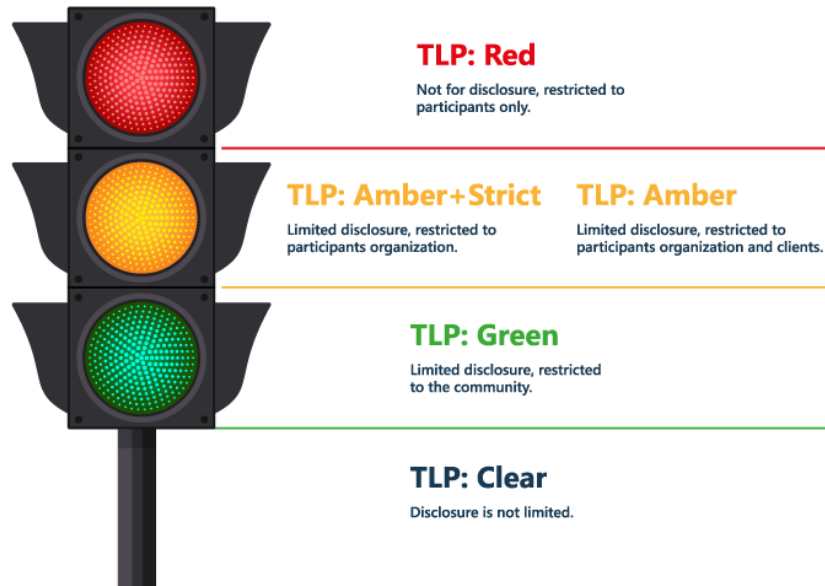
## B2B

- Microsoft 365 support
- Federate with Microsoft, Gmail, Facebook
- Custom branding
- Terms of use
- Conditional access policies
- Cross-tenant access settings
  - Trust MFA and compliant devices
- Information Protection and Rights Management

## Entra ID B2B Scenarios

- Delegated permissions
  - Accessing systems in the context of the signed in user
- SharePoint document libraries or lists
- Custom APIs
- Secure Logic App Workflows

# SharePoint Document Access

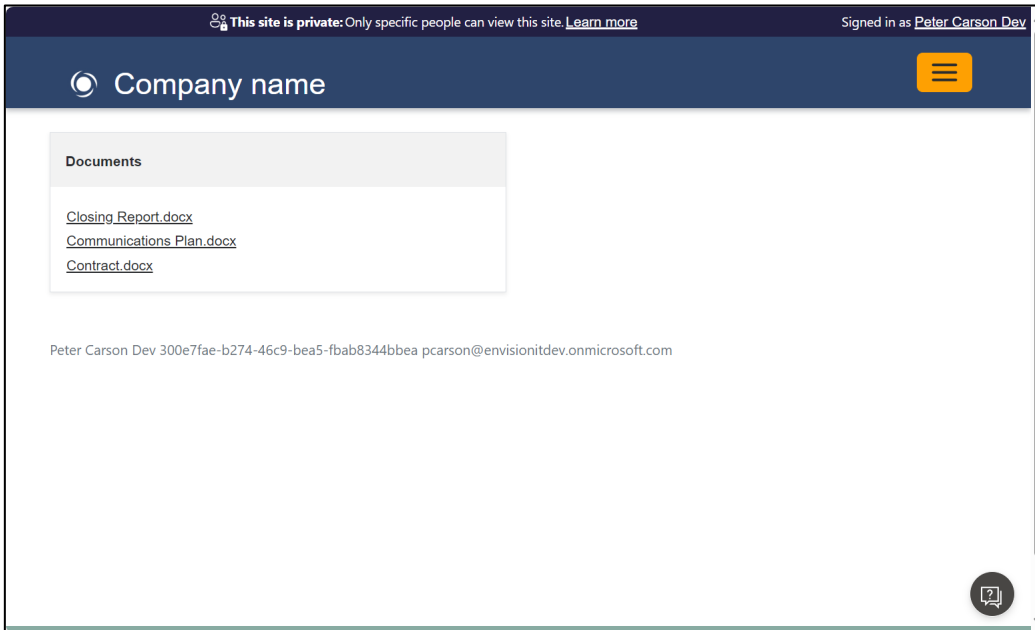


- SharePoint, Purview, and Entra ID is a powerful combination
- Information Protection
  - MFA
  - Conditional Access
  - Authentication Context
  - Document encryption

[The Traffic Light Protocol](#)

[Simplifying Sensitivity Labels in Microsoft 365 | Envision IT](#)

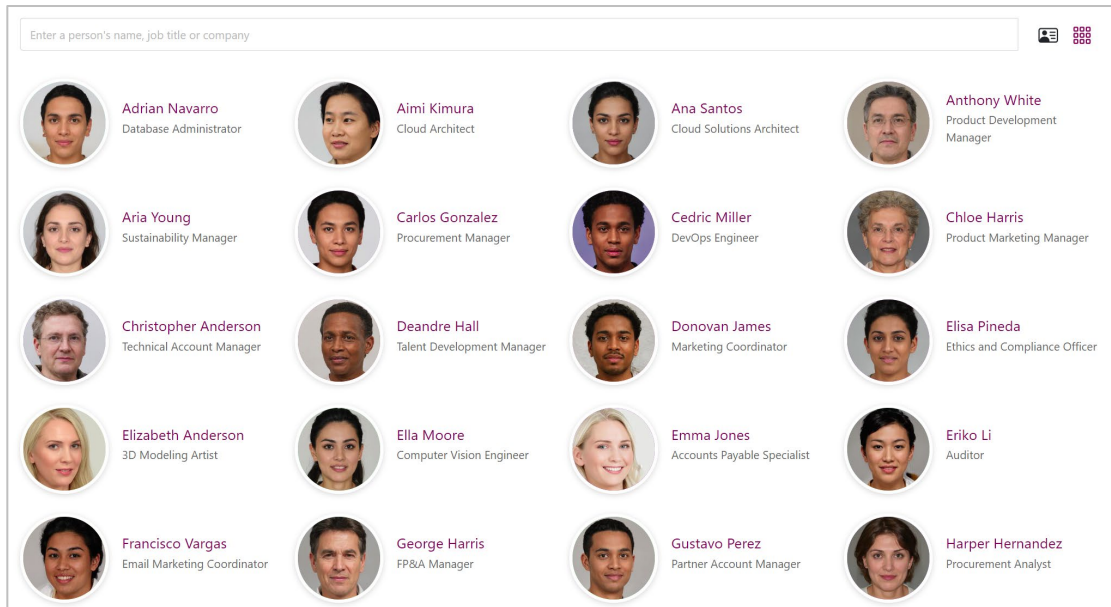
# SharePoint Files



- Retrieve a list of documents the signed in user has access to
- Delegated Graph call
- Document links are directly to SharePoint
  - Any SharePoint or Rights Management permissions are applied
  - Read-only, view only (no download), co-author



# Custom API – Azure AI Search



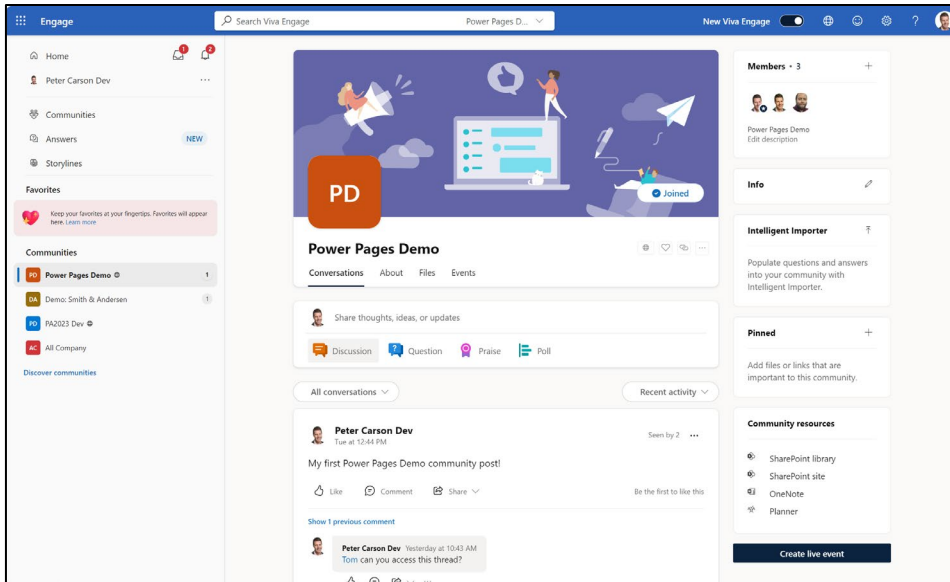
- Azure AI Search populated from Entra ID
- Augmented with additional user profile data
- API security trimmed
  - Show only members signed in user should see
- Render with Knockout

# Secure Logic Apps

The screenshot shows a web application interface for an "Extranet Portal". The user is logged in as "Peter Carson", who is the President of "Envision IT". The page is titled "Profile Full" and includes a profile picture of Peter Carson. On the right side, there is a sidebar with links to "Profile Picture", "Personal Information", "Address Information", "About Me", "Additional Information", and "Social Profiles". The main content area is divided into several sections: "Personal Information" with fields for First name (Peter), Last name (Carson), Email (p.carson@envisionit.com), and Mobile Phone (555-555-5555); "About Me" with a bio paragraph; "Address Information" with fields for Address, Region (Ontario), Country (Canada), and Postal Code (L5N 2V7); "Additional Information" with fields for Job Title (President) and Company name (Envision IT); and "Social Profiles" with fields for Company website URL (https://www.extranetusermanager.com) and Blog URL (https://blog.petercarson.ca).

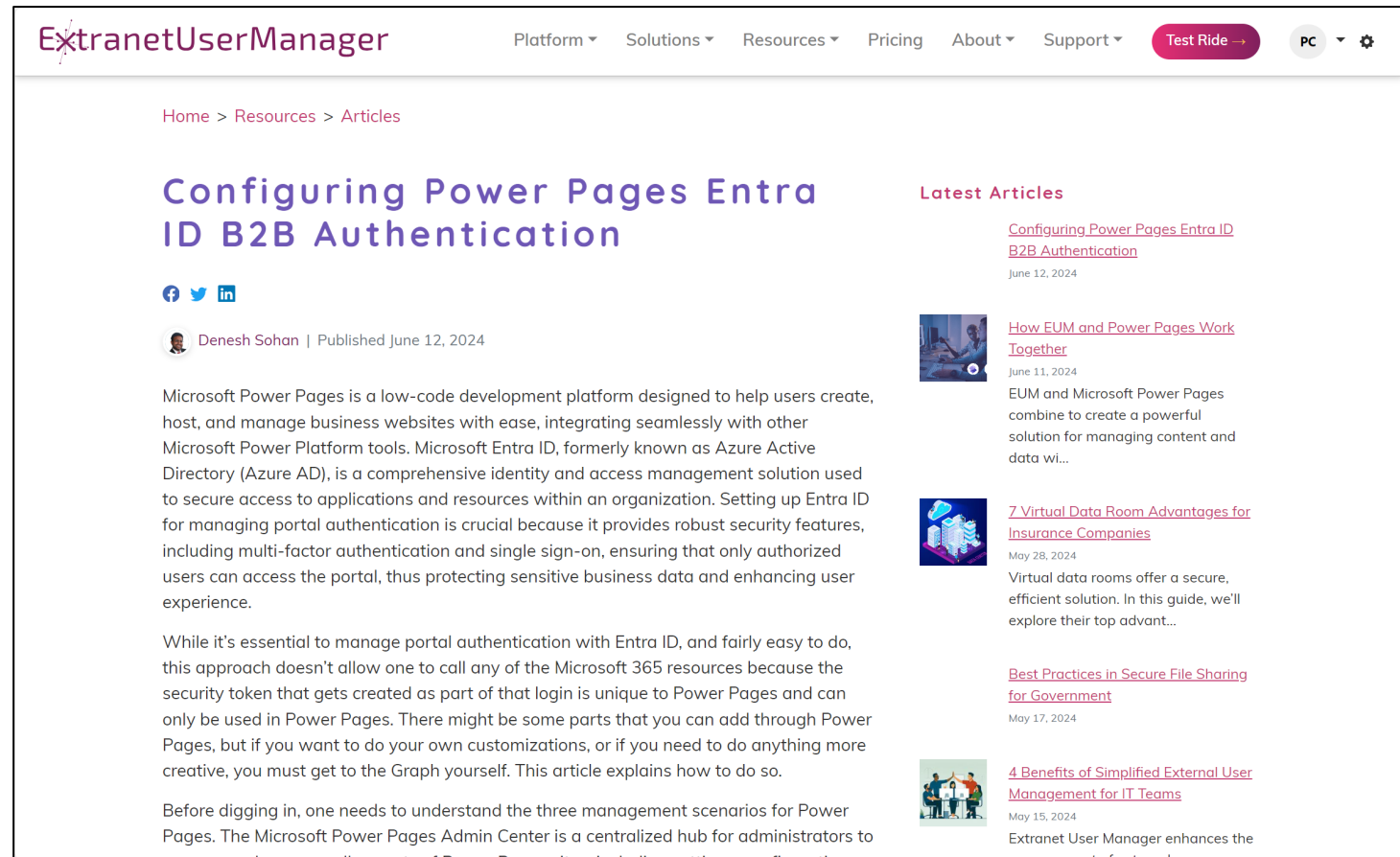
- Profile page for signed in user
- GET and POST Logic Apps to retrieve and update profile info
- Can update multiple systems
  - Dataverse
  - Entra ID
- Logic App requires bearer token from Entra ID to call
  - Secure validation of the signed in user

# Viva Engage Communities



- B2B users can be added to Viva Engage communities
- Rich forum for discussions
- Embed component doesn't work for guest users
- WIP – Anonymous and Portal access
  - Crawl Viva Engage conversations into Azure AI Search
  - Expose on portal pages
  - Simple comment entry posts through Yammer API to Viva Engage

# Configuration Steps Article



The screenshot displays the ExtranetUserManager website interface. The top navigation bar includes links for Platform, Solutions, Resources, Pricing, About, and Support, along with a 'Test Ride' button and a user profile icon. The breadcrumb trail indicates the current location: Home > Resources > Articles. The main article, 'Configuring Power Pages Entra ID B2B Authentication', is written by Denesh Sohan and published on June 12, 2024. The article text describes Microsoft Power Pages as a low-code development platform and explains the importance of setting up Entra ID for managing portal authentication. A sidebar on the right lists 'Latest Articles', including 'How EUM and Power Pages Work Together', '7 Virtual Data Room Advantages for Insurance Companies', 'Best Practices in Secure File Sharing for Government', and '4 Benefits of Simplified External User Management for IT Teams'.

ExtranetUserManager

Platform Solutions Resources Pricing About Support Test Ride PC

Home > Resources > Articles

## Configuring Power Pages Entra ID B2B Authentication

Denesh Sohan | Published June 12, 2024

Microsoft Power Pages is a low-code development platform designed to help users create, host, and manage business websites with ease, integrating seamlessly with other Microsoft Power Platform tools. Microsoft Entra ID, formerly known as Azure Active Directory (Azure AD), is a comprehensive identity and access management solution used to secure access to applications and resources within an organization. Setting up Entra ID for managing portal authentication is crucial because it provides robust security features, including multi-factor authentication and single sign-on, ensuring that only authorized users can access the portal, thus protecting sensitive business data and enhancing user experience.

While it's essential to manage portal authentication with Entra ID, and fairly easy to do, this approach doesn't allow one to call any of the Microsoft 365 resources because the security token that gets created as part of that login is unique to Power Pages and can only be used in Power Pages. There might be some parts that you can add through Power Pages, but if you want to do your own customizations, or if you need to do anything more creative, you must get to the Graph yourself. This article explains how to do so.

Before digging in, one needs to understand the three management scenarios for Power Pages. The Microsoft Power Pages Admin Center is a centralized hub for administrators to

### Latest Articles

[Configuring Power Pages Entra ID B2B Authentication](#)  
June 12, 2024

[How EUM and Power Pages Work Together](#)  
June 11, 2024  
EUM and Microsoft Power Pages combine to create a powerful solution for managing content and data wi...

[7 Virtual Data Room Advantages for Insurance Companies](#)  
May 28, 2024  
Virtual data rooms offer a secure, efficient solution. In this guide, we'll explore their top advant...

[Best Practices in Secure File Sharing for Government](#)  
May 17, 2024

[4 Benefits of Simplified External User Management for IT Teams](#)  
May 15, 2024  
Extranet User Manager enhances the management of external user access

<https://extranetusermanager.com/resources/articles/configuring-power-pages-entra-id-b2b-authentication>

# Power Pages Onboarding and Authentication – Secure and Simple



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cvent

PLEASE RATE THIS  
SESSION ON THE APP

