



Power Platform COMMUNITY CONFERENCE

Synergy Unleashed: Crafting the Better Together Story of Copilot and SharePoint with SSO

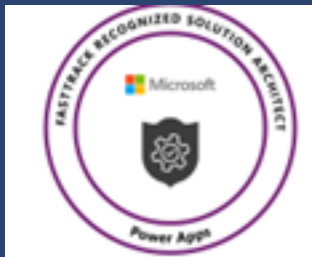
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Dynamics 365 &
Power Platform
UK User Groups



Agenda

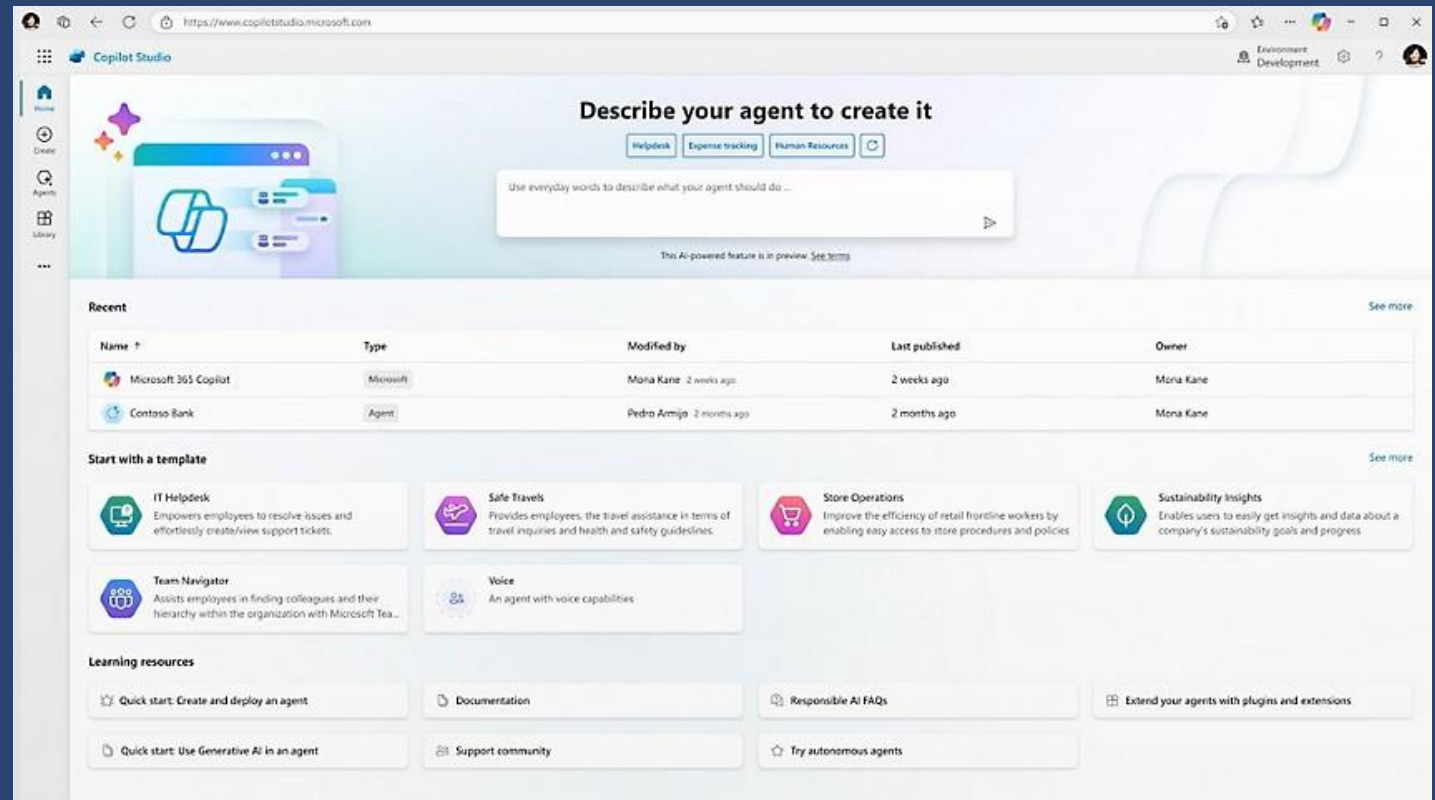
- Introduction to Copilot Studio
- Agents in Sharepoint
- Publishing Custom Agents to SharePoint
- **Demo #1:** Agent with Enterprise data source – ServiceNow, SharePoint, Dataverse
- Q&A



Microsoft Copilot Studio

Your agent, your way

Copilot Studio is an end-to-end conversational AI product for **building your own agent** or **extending** Microsoft Copilot with generative AI, large language models and your data.



What is an agent?

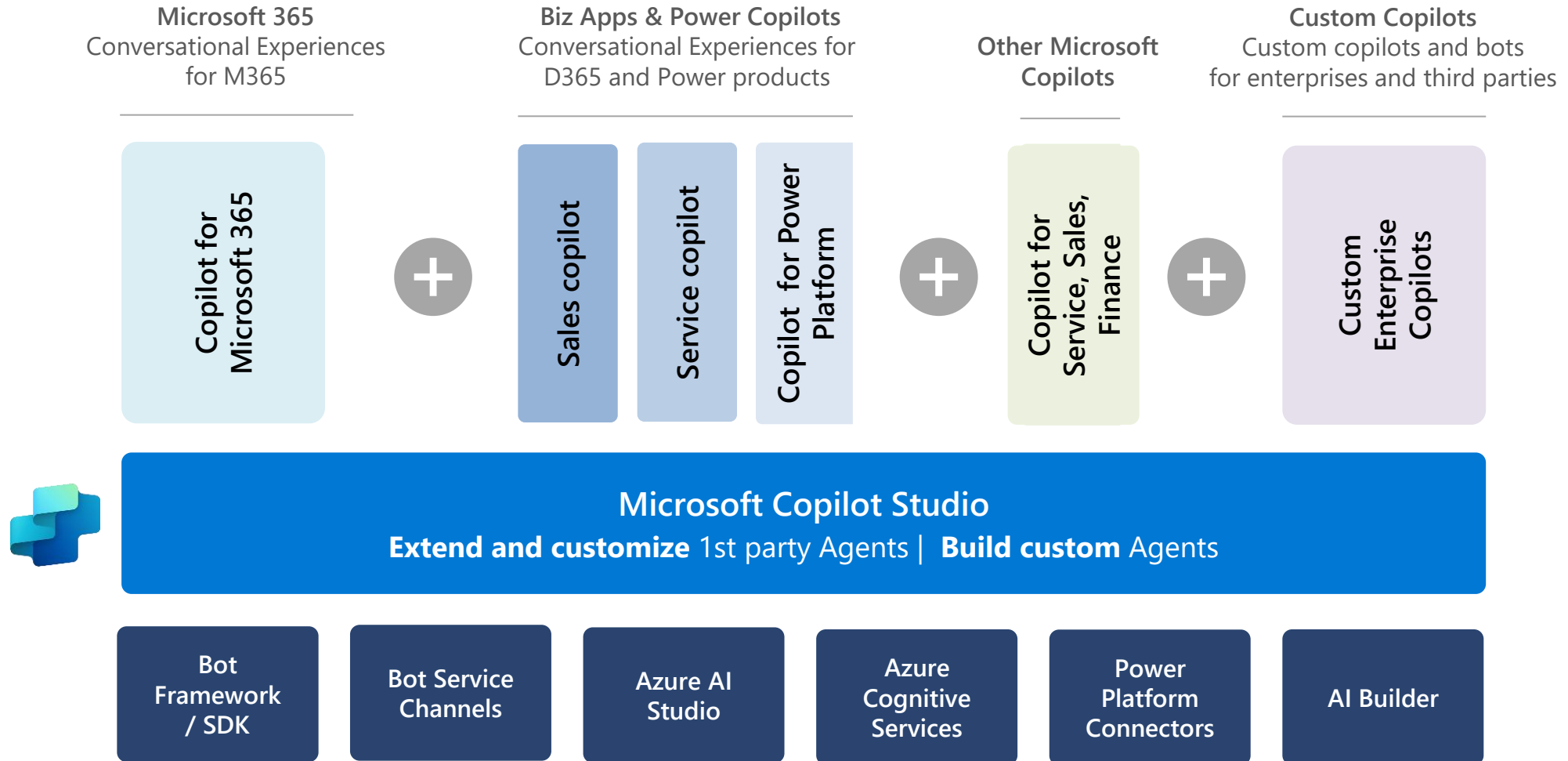
An experience using generative AI to assist humans with complex cognitive task

Spectrum of agents

- Retrieval(GA)
- Task(GA)
- Automation (Preview)



Copilots Agents and Conversational AI



Copilot and Sharepoint = Better together

Organizational Knowledge

Recent and accurate

Ex: 2 billion pieces of information everyday in Sharepoint be it specific sites, document library, Videos, loop components (B2E) – Human resources

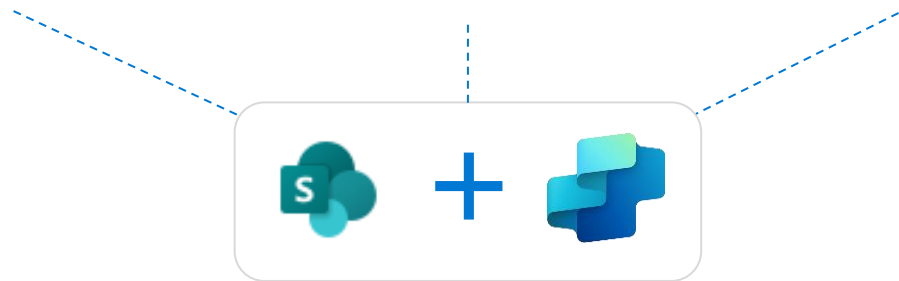
Collaboration

Help with a specific purpose, used repeatedly

Ex: New team onboarding, product specification

No specialized or technical skills needed

Easy to create, can share it with colleagues on team



Different building journeys for Sharepoint Agents

Built in Agent In Sharepoint

Agent for every Sharepoint Site

Built-in Agents for your site

Quick start grounded on site content

Can be customized

Responds using your content permission

Site owner controls the agents on their site

Private preview

Custom Agent

Custom Agent from your content

Create a custom agent for your site

Grounded on your selected content

Can be customized

Responds using your content permission

Share the Agent with others via teams and emails

Private preview

Private preview registration

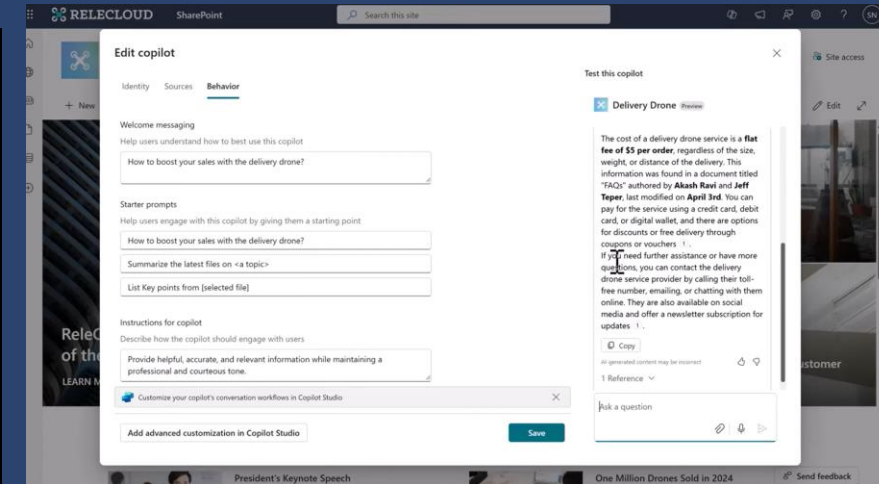
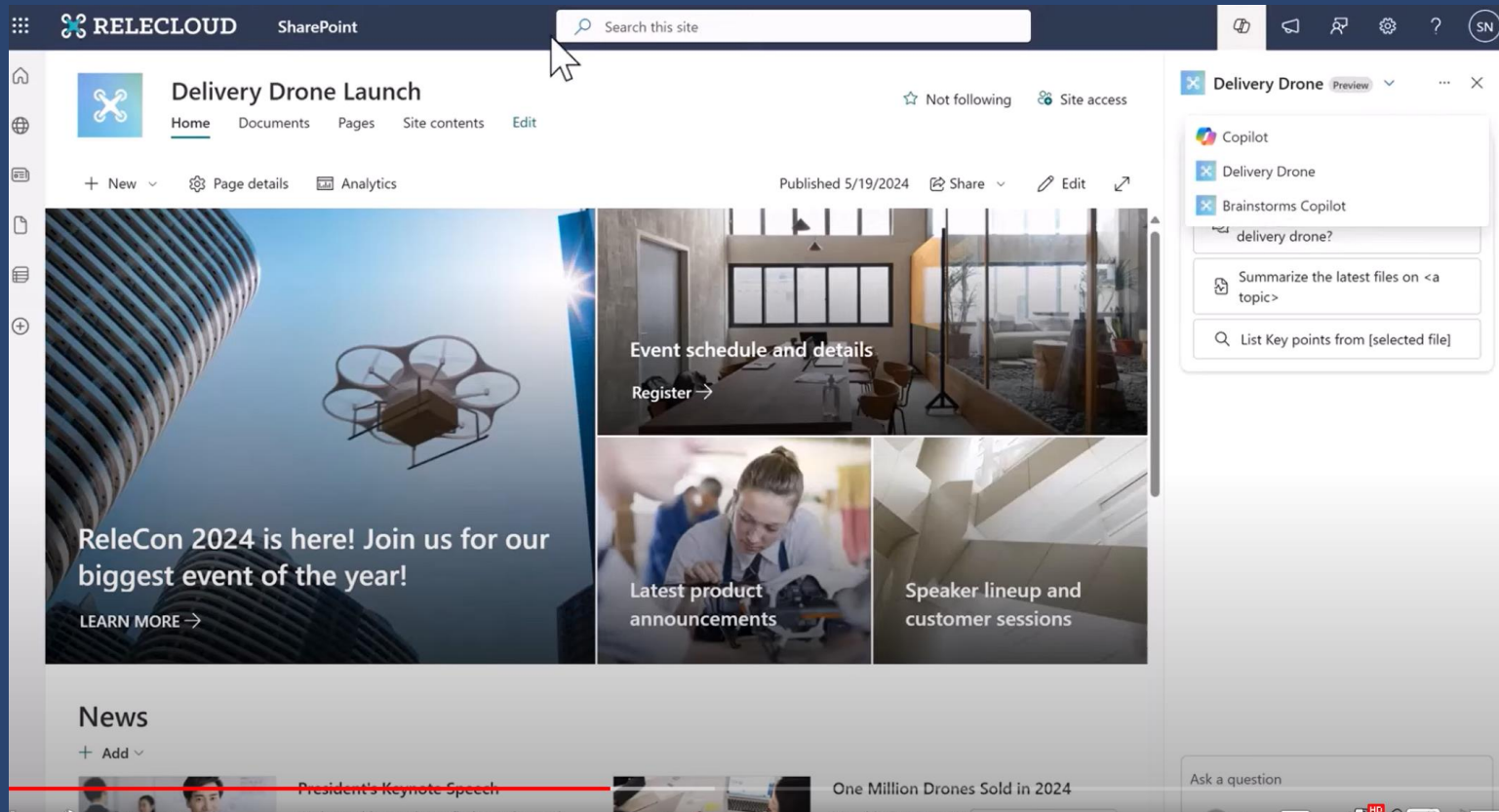
<https://aka.ms/trycopilotsharepoint>

Our Focus today



Extend Custom Agent using SPFX SSO Component (Generally Available)

Built in Agent (Grounded with Sharepoint contents)

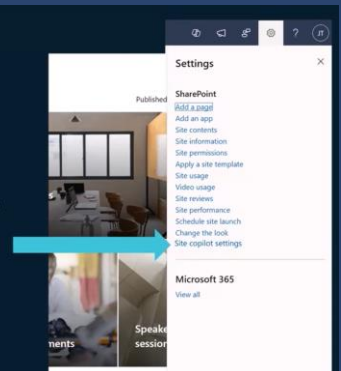


Site copilot settings

Choose the site's copilot:

- Custom copilot – select from the copilots available on the site (including the one that was added automatically)
- No 'default' copilot

Choose the copilots that appear for users

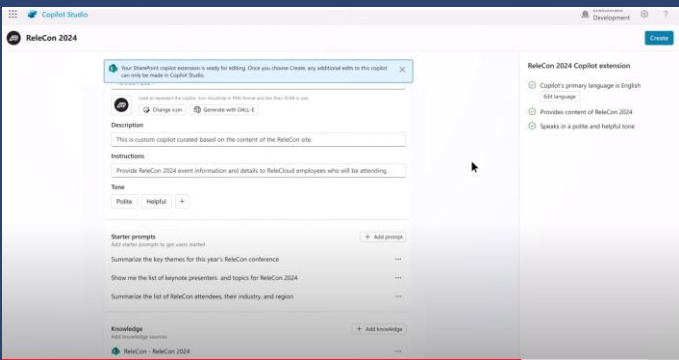
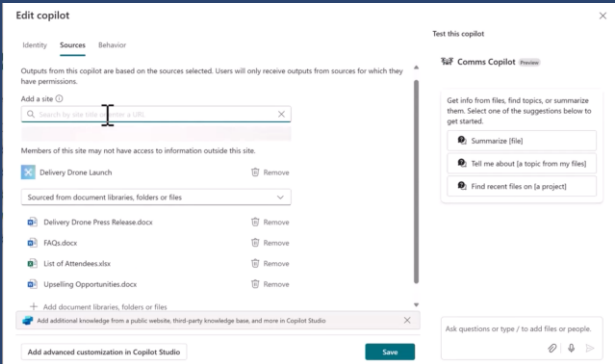
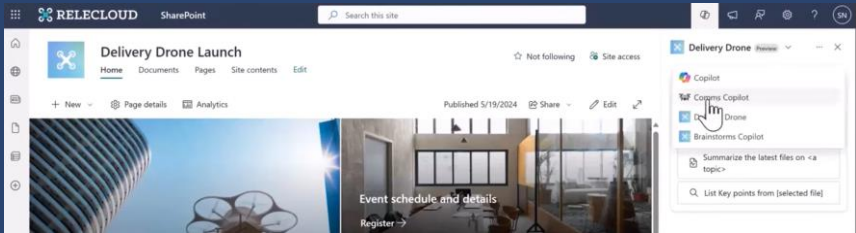
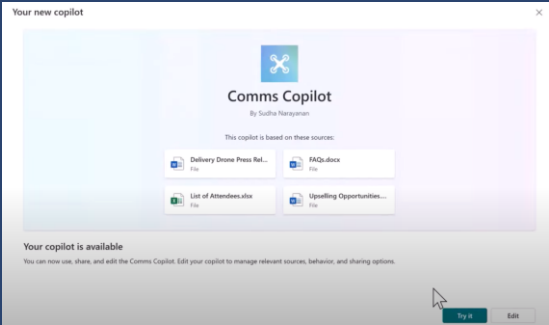
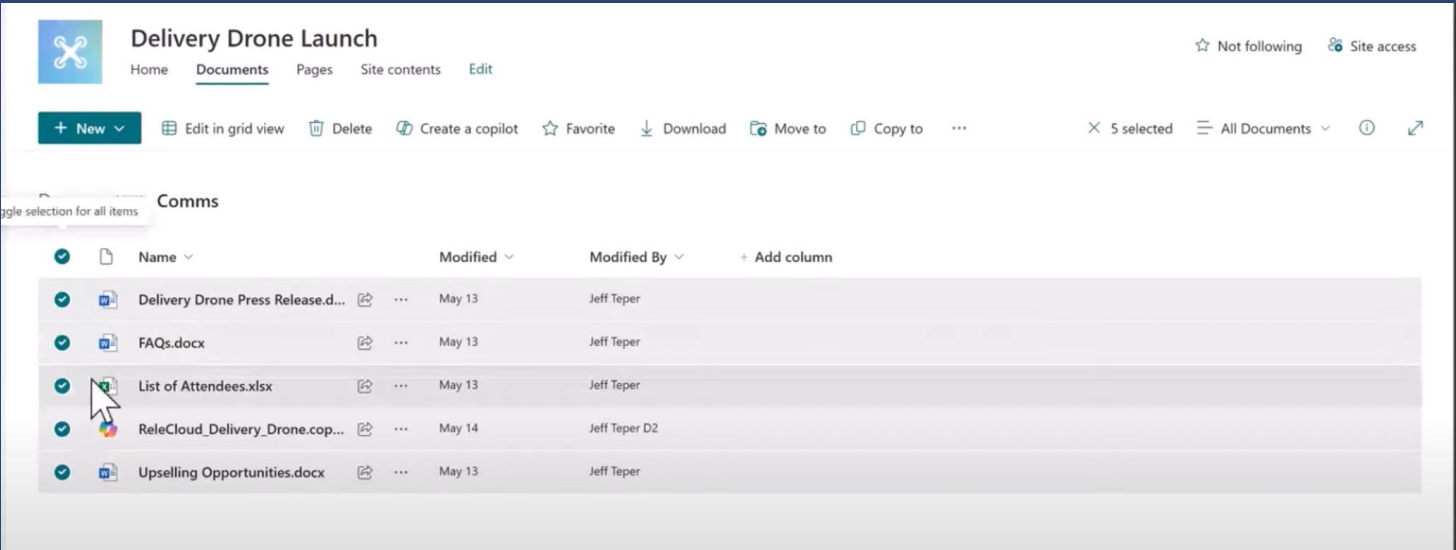


Create Custom Agents

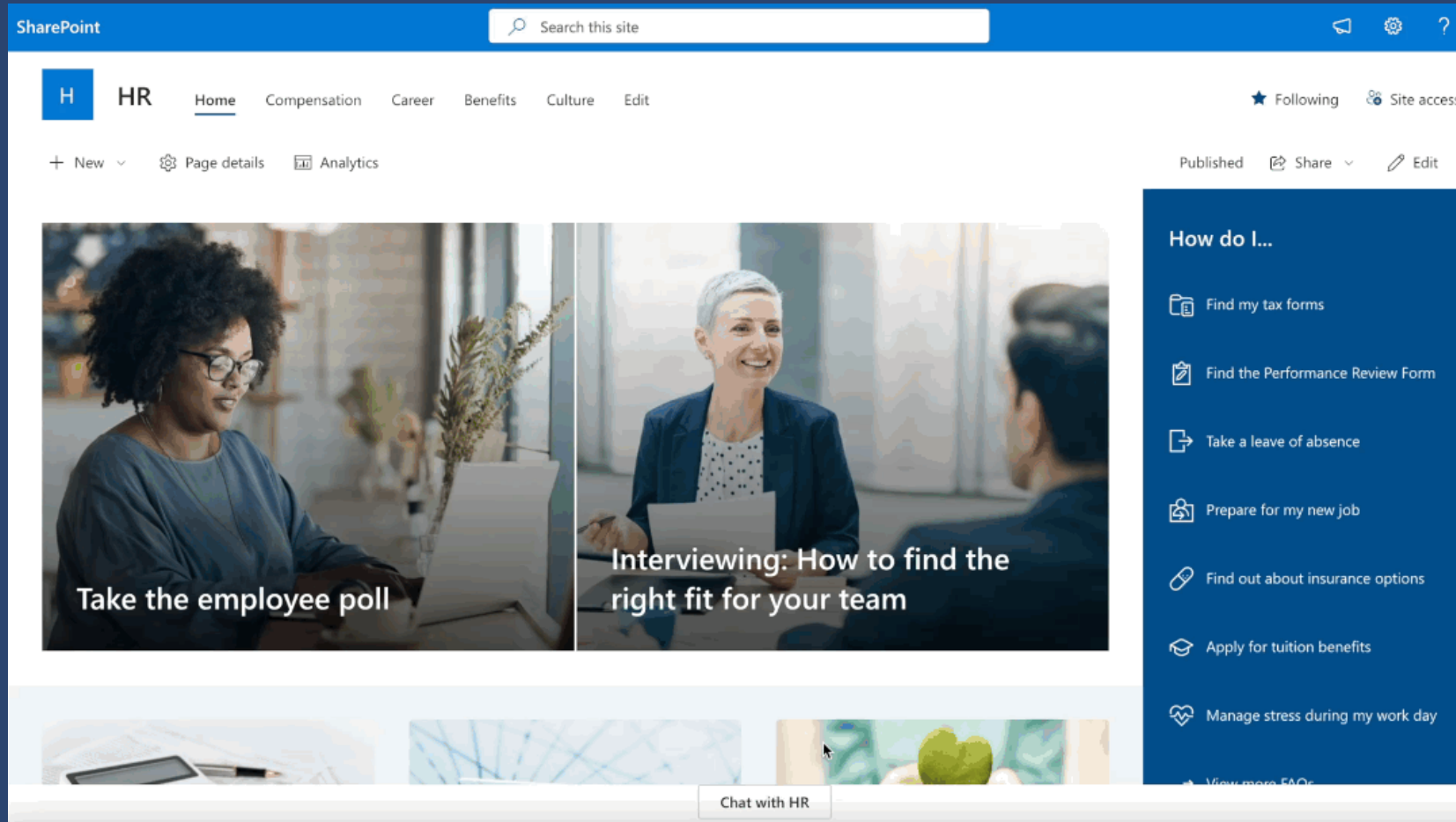
Easy to Create

Simple to use

Saves you time



Custom Agents with SSO

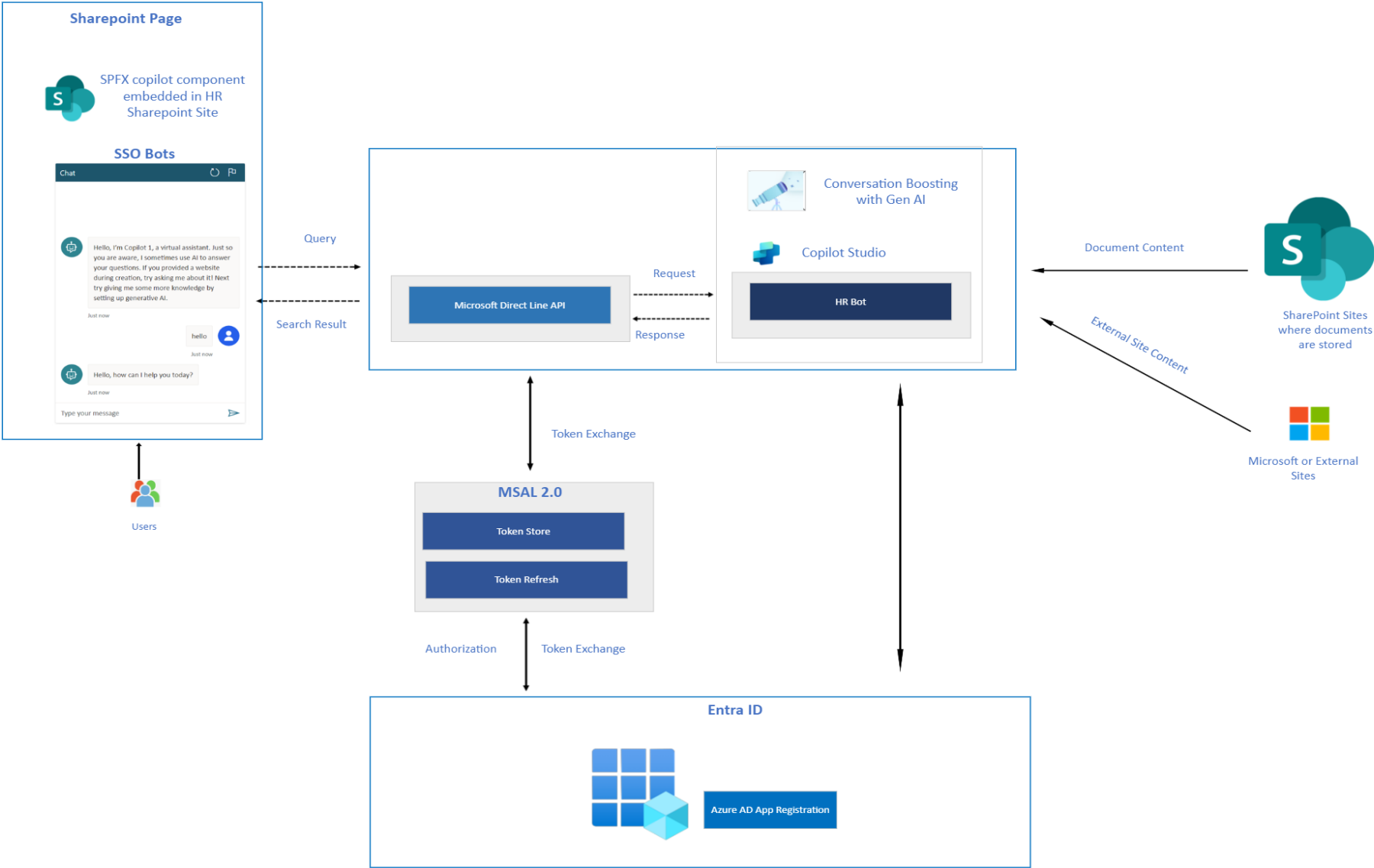


[Copilot Studio Links \(qr.codes\)](#)

[Deploy a custom copilot to SharePoint, with a seamless single sign-on experience | Microsoft Copilot Blog – Adi Leibowitz](#)

[Dewain Robinson - The Copilot Studio Dude - YouTube](#)

High Level Architecture Diagram – SSO



High level Implementation Steps

<https://github.com/microsoft/CopilotStudioSamples/blob/master/SharePointSOSComponent/SETUP.md>

Configure Microsoft Entra ID authentication for your Agents.

Register your Sharepoint Site as a custom canvas.

Download and configure the Sharepoint SPFx Component.

Upload the component to Sharepoint.

Prerequisites

- Node.JS (either v16 or 18)
- Visual studio code
- Administrative access to a SharePoint environment.
- An instance of Copilot Studio.
- An Azure Active Directory (Azure AD) setup for authentication.

Configure user authentication with Entra ID

[Use SharePoint content for generative answers - Microsoft Copilot Studio | Microsoft Learn](#)

[Configure user authentication with Microsoft Entra ID - Microsoft Copilot Studio | Microsoft Learn](#)

The screenshot displays the Microsoft Entra ID portal interface for configuring an application. The breadcrumb navigation at the top shows 'Home > App registrations > SharepointSSOAppReg'. The left-hand navigation pane includes sections for 'Overview', 'Quickstart', 'Integration assistant', 'Diagnostic and settings', and 'Manage'. The 'Manage' section is expanded, showing options like 'Branding & properties', 'Authentication', 'Certificates & secrets', 'Token configuration', 'API permissions', 'Expose an API', 'App roles', 'Owners', 'Roles and administrators', and 'Manifest'. The main content area is titled 'SharepointSSOAppReg' and features a search bar and action buttons for 'Delete', 'Endpoints', and 'Preview features'. Below these, the 'Essentials' section lists key application details: Display name (SharepointSSOAppReg), Application (client) ID (373fe193-7ccf-46b1-a5e1-94d28c7d0b8f), Object ID (a80356ab-2039-4be6-92e8-e1cfd240b359), Directory (tenant) ID (c5a6b50e-a542-49fe-a976-7405ae3456b9), and Supported account types (My organization only). To the right, 'Client credentials' are listed as '0.certificate_1.secret', 'Redirect URIs' as '1.web_0.spa_0.public.client', 'Application ID URI' as 'api://373fe193-7ccf-46b1-a5e1-94d28c7d0b8f', and 'Managed application in L...' as 'SharepointSSOAppReg'. A blue information banner states: 'Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure Active Directory 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)'. Below this, there are tabs for 'Get Started' and 'Documentation'. The bottom section is a promotional banner for the Microsoft identity platform, titled 'Build your application with the Microsoft identity platform', with the text: 'The Microsoft identity platform is an authentication service, open-source libraries, and application management tools. You can create modern, standards-based authentication solutions, access and protect APIs, and add sign-in for your users and customers. Learn more'. The banner is decorated with various Microsoft product icons like Office, Teams, and Azure.

Configure user authentication with Entra ID

Configure Secrets

Certificates & secrets

Token configuration



API permissions

Expose an API

App roles

A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password.

+ New client secret

Description	Expires	Value ⓘ	Secret ID
SharepointSSOAppSecret	7/23/2025	A3q*****	8d25ad70-bfe6-495b-8cc8-69efd59e91f7  

Configure API permissions

Manage

Branding & properties

Authentication

Certificates & secrets

Token configuration

API permissions

Expose an API

App roles

Owners

Roles and administrators

Manifest

Support + Troubleshooting

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 organization, or in organizations.

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 permissions should include all the permissions the application needs. [Learn more about permissions and consent](#)

+ Add a permission ☒ Grant admin consent for np8t

API / Permissions name	Type	Description	Admin consent requ...	Status
Microsoft Graph (5)				
Files.Read.All	Delegated	Read all files that user can access	No	...
openid	Delegated	Sign users in	No	...
profile	Delegated	View users' basic profile	No	...
Sites.Read.All	Delegated	Read items in all site collections	No	...
User.Read	Delegated	Sign in and read user profile	No	...

To view and manage consented permissions for individual apps, as well as your tenant's consent settings, try [Enterprise applications](#).

Configure user authentication with Entra ID

Define Custom Scope

SharepointSSOAppReg | Expose an API

Search

Got feedback?

Overview

Quickstart

Integration assistant

Diagnose and solve problems

Manage

Branding & properties

Authentication

Certificates & secrets

Token configuration

API permissions

Expose an API

Application ID URI :

api://373fe193-7ccf-46b1-a5e1-94d28c7d0b8f

Edit

Scopes defined by this API

Define custom scopes to restrict access to data and functionality protected by the API. An application that requires access to parts of this API can request that a user or admin consent to one or more of these.

Adding a scope here creates only delegated permissions. If you are looking to create application-only scopes, use 'App roles' and define app roles assignable to application type. [Go to App roles.](#)

+ Add a scope

Scopes	Who can consent	Admin consent display ...	User consent display na...	State
api://373fe193-7ccf-46b1-a5e1-94d28c7d0b8f/Test.R...	<div>Admins and users</div>	Test.Read		Enabled

Authentication -Copilot Studio

Settings

Copilot details

Generative AI

Security

Authoring Canvas

Entities

Skills

Voice

Languages

Language understandi...

Advanced

< Authentication

Verify a user's identity during a conversation. The copilot receives secure access to the user's data and is able to take actions on their behalf, resulting in a more personalized experience. [Learn more](#)

Choose an option

☐ No authentication

Publicly available in any channel

☐ Authenticate with Microsoft

Entra ID authentication in Teams and Power App

☒ Authenticate manually

Set up authentication for any channel

☒ Require users to sign in

Redirect URL

https://token.botframework.com/.auth/web/re

Copy

Service provider *

Azure Active Directory v2

▼

Client ID *

373fe193-7ccf-46b1-a5e1-94d28c7d0b8f

Client secret *

Token exchange URL (required for SSO) [Learn more about SSO](#)

api://373fe193-7ccf-46b1-a5e1-94d28c7d0b8f

Tenant ID

c5a6b50e-a542-49fe-a976-7405ae3456b9

Scopes ⓘ

profile openid

Service provider	Select Microsoft Entra ID
Client ID	Enter the application (client) ID that you copied earlier in the Azure portal
Client secret	Enter the client secret you generated earlier in the Azure portal
Scopes	Enter profile openid

Register your Sharepoint Site as Custom Canvas

Register a new application

Add Platform Configuration as SPA

Platform configurations

Depending on the platform or device this application is targeting, additional configuration may be required such as redirect URIs, specific authentication settings, or fields specific to the platform.

+ Add a platform

Single-page application

Redirect URIs

The URIs we will accept as destinations when returning authentication responses (tokens) after successfully authenticating or signing out users. The redirect URI you send in the request to the login server should match one listed here. Also referred to as reply URLs. [Learn more about Redirect URIs and their restrictions](#)

https://np8t.sharepoint.com/sites/HR

Add URI

Configure API Permission with API from my organisation (Copilot App registration)

Integration assistant

Diagnose and solve problems

Manage

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Support + Troubleshooting

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 organization, or in organizations where this app will be used. [Learn more](#)

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 permissions should include all the permissions the application needs. [Learn more about permissions and consent](#)

+ Add a permission

Grant admin consent for np8t

API / Permissions name	Type	Description	Admin consent requ...	Status
Microsoft Graph (1)				...
User.Read	Delegated	Sign in and read user profile	No	...
Sharepoint20Applog (1)				...
Test.Read	Delegated	Test.Read	No	Granted for np8t

Other permissions granted for np8t

These permissions have been granted for np8t but aren't in the configured permissions list. If your application requires these permissions, you should consider adding them to the configured permissions list. [Learn more](#)

API / Permissions name	Type	Description	Admin consent requ...	Status
Microsoft Graph (3)				...
offline_access	Delegated	Maintain access to data you have given it access to	No	Granted for np8t
openid	Delegated	Sign users in	No	Granted for np8t
profile	Delegated	View users' basic profile	No	Granted for np8t

To view and manage consented permissions for individual apps, as well as your tenant's consent settings, try [Enterprise applications](#).

Download and Configure SPFX component

Start by cloning the repository from Microsoft's GitHub

Link to Repository: [microsoft/CopilotStudioSamples](https://github.com/microsoft/CopilotStudioSamples)
(github.com)

Update Elements.XML with actual values either manual or python or powershell script

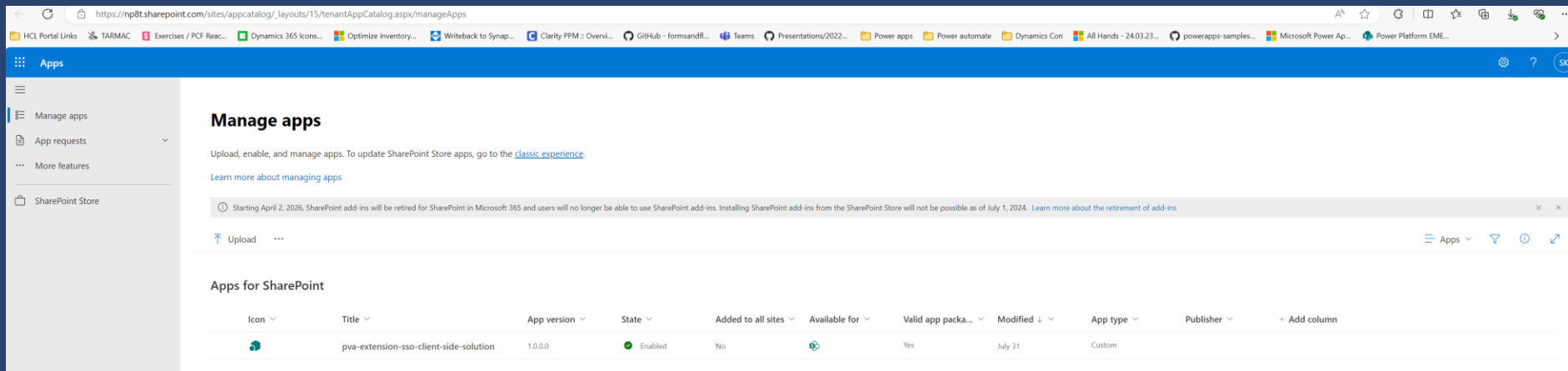
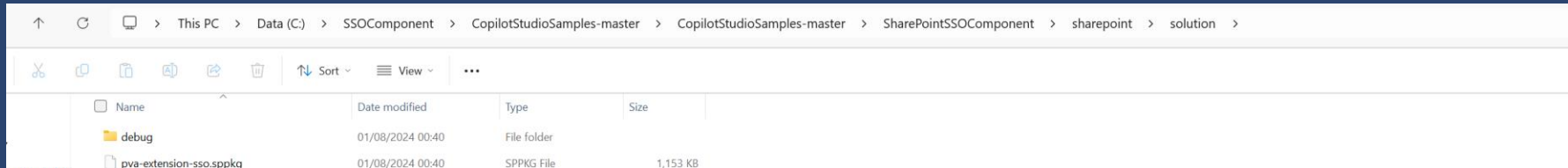
Bot URL	The token endpoint for MCS from Mobile App channel
Custom Scope	Enter the scope defined for Custom API in the SSO copilot Canvas app registration
Client ID	Enter the client ID from the canvas app registration configured you generated earlier in the Azure portal
Authority	The login URL for your tenant.
Chat buttonLabel	The label for the button opening the chat dialog
Bot Name	The title for the copilot dialog

Build the component

```
npm install
gulp bundle --ship
gulp package-solution --ship
```

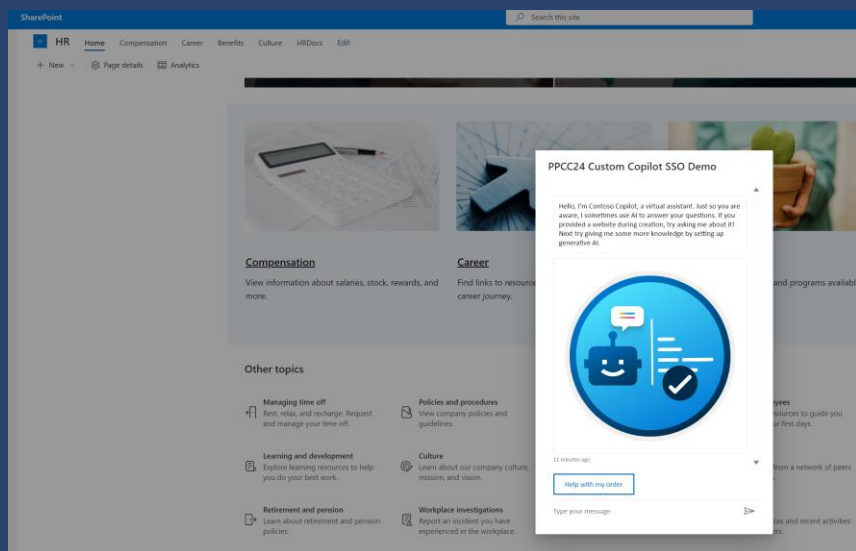
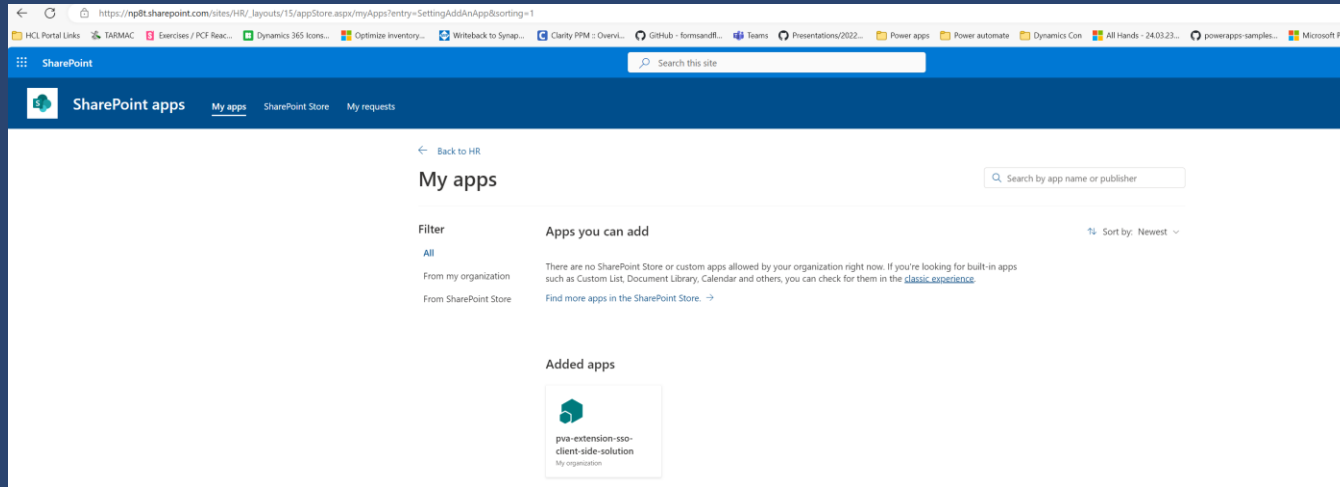
Update Component to Sharepoint Site

Upload the latest app package built to sharepoint



Test Sharepoint Site

Validate the app has been added to Site



SharePoint

Search this library

HR

Home Compensation Career Benefits Culture HRDocs Edit

+ New Upload Edit in grid view Sync Add shortcut to OneDrive Pin to Quick access Export to Excel Automate All Documents

HRDocs

Name	Modified	Modified By	+ Add column
Benefit_Options.pdf	July 7	Sumit Kumar	

In this scenario, the business has uploaded employee benefits documents to a SharePoint library.



Edit



Share



Copy link



Download



Benefit_Options 1.pdf



1 / 5



Welcome to Contoso Electronics! We are excited to offer our employees two comprehensive health insurance plans through Northwind Health.

Northwind Health Plus

Northwind Health Plus is a comprehensive plan that provides comprehensive coverage for medical, vision, and dental services. This plan also offers prescription drug coverage, mental health and substance abuse coverage, and coverage for preventive care services. With Northwind Health Plus, you can choose from a variety of in-network providers, including primary care physicians, specialists, hospitals, and pharmacies. This plan also offers coverage for emergency services, both in-network and out-of-network.

Northwind Standard

Northwind Standard is a basic plan that provides coverage for medical, vision, and dental services. This plan also offers coverage for preventive care services, as well as prescription drug coverage. With Northwind Standard, you can choose from a variety of in-network providers, including primary care physicians, specialists, hospitals, and pharmacies. This plan does not offer coverage for emergency services, mental health and substance abuse coverage, or out-of-network services.

Comparison of Plans

Both plans offer coverage for routine physicals, well-child visits, immunizations, and other preventive care services. The plans also cover preventive care services such as mammograms, colonoscopies, and other cancer screenings.

Northwind Health Plus offers more comprehensive coverage than Northwind Standard. This plan offers coverage for emergency services, both in-network and out-of-network, as well as mental health and substance abuse coverage. Northwind Standard does not offer coverage for emergency services, mental health and substance abuse coverage, or out-of-network services.

Both plans offer coverage for prescription drugs. Northwind Health Plus offers coverage for brand-name, generic, and specialty drugs, while Northwind Standard only offers coverage for generic drugs.

Both plans offer coverage for vision and dental services. Northwind Health Plus offers coverage for vision exams, glasses, and contact lenses, as well as dental exams, fillings, and root canals. Northwind Standard only offers coverage for vision exams and glasses.

Both plans offer coverage for medical services. Northwind Health Plus offers coverage for primary care doctor visits, lab tests, and X-rays. Northwind Standard only offers coverage for primary care doctor visits.

Northwind Health Plus is a comprehensive plan that offers more coverage than Northwind Standard. Northwind Health Plus offers coverage for emergency services, mental health and substance abuse coverage, and out-of-network services, while Northwind Standard does not. Northwind Health Plus also

The documents include details on the various options for the health benefit plans.

Demo PPCC 2024 Agent

Q&A

Thank You