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15. - 17. APRIL 2026

# MCP or not to MCP



Daniel Laskewitz

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**#ColorCloudSpeaker** 

# Agenda

- MCP Basics
- MCP vs Connectors
- Local MCP
- Remote MCP
  - Recent Updates
- Custom MCP
- Resources

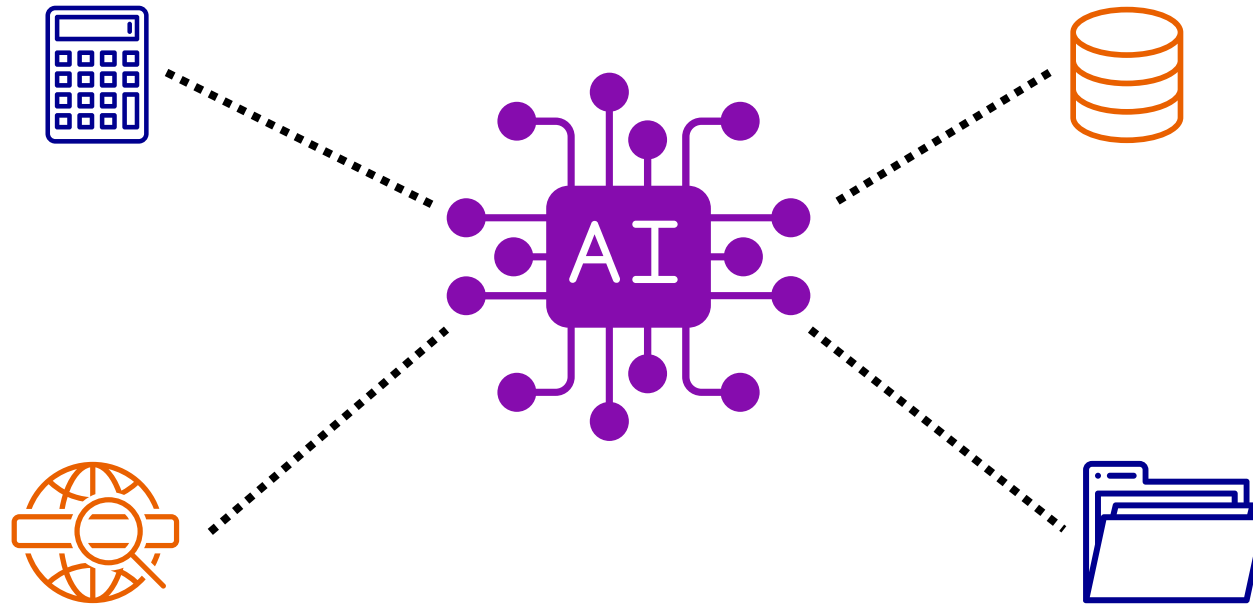


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# MCP Basics

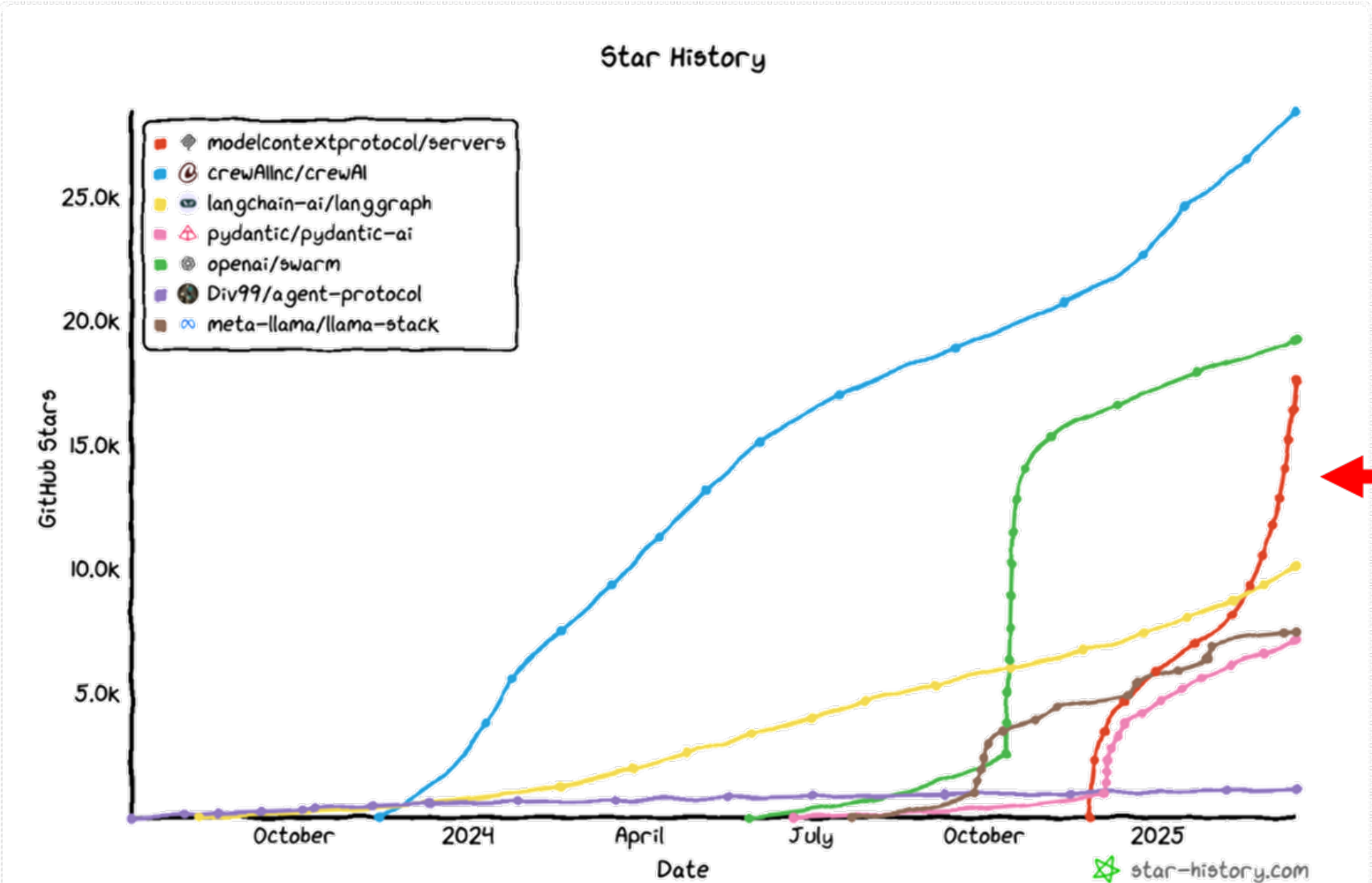
# What is Model Context Protocol (MCP)?

MCP is a standard protocol that lets language models interact with tools, data, and apps.



It's like a translator between your model and everything else.

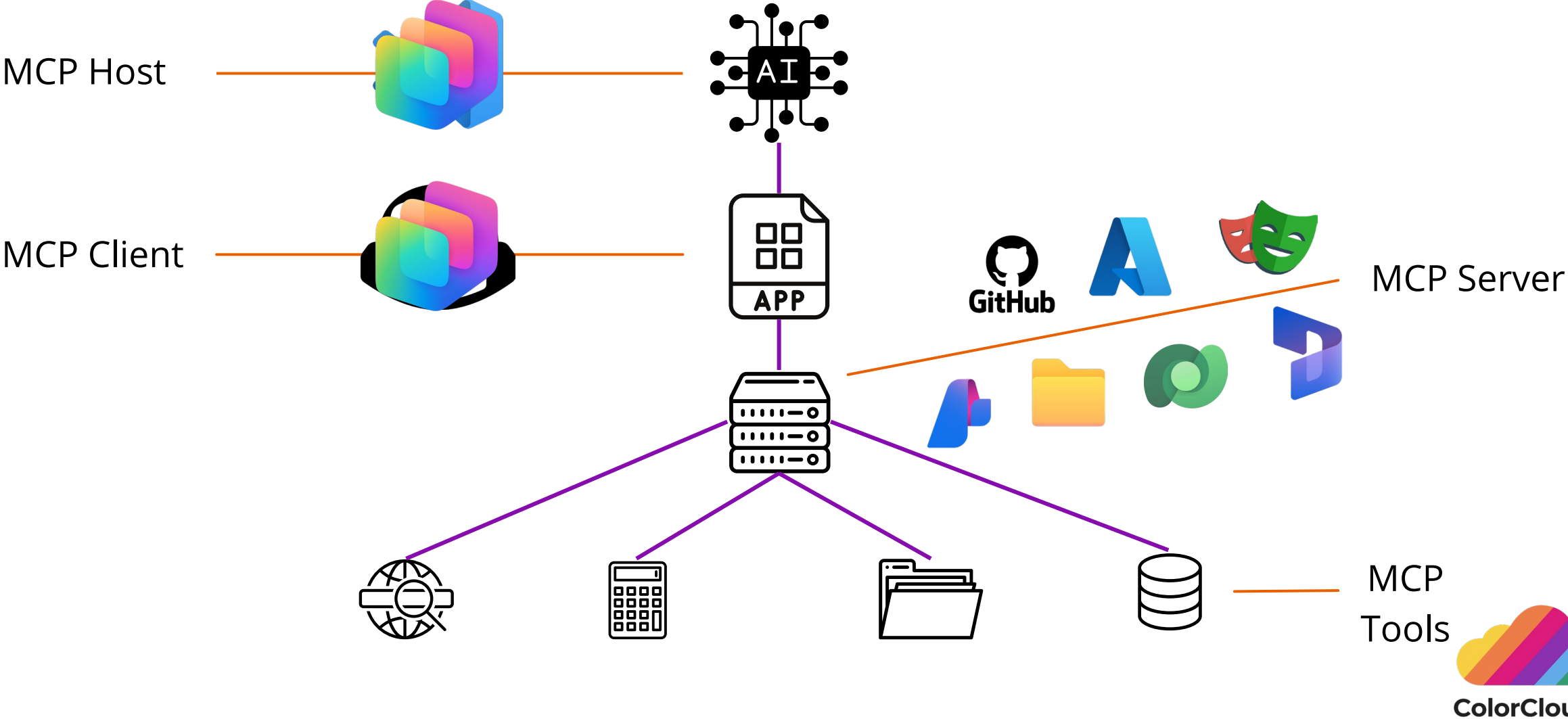
# Rapid Adoption



← **MCP**



# MCP Architecture



# MCP Server Types

01

## STDIO

### Local Transport

Client spawns the server as a subprocess and communicates via stdin/stdout pipes. No network, no open ports, high throughput — ideal for local dev tools and desktop apps.

02

## HTTP / SSE

### Remote Transport (Streamable HTTP)

Server runs as an independent HTTP process with optional SSE streaming. Supports multiple concurrent clients, requires authentication — ideal for cloud and remote deployments.

# MCP Server Components

01

## Resources

Expose data and content to language models through structured endpoints

02

## Prompts

Reusable prompt templates and workflows for consistent interactions

03

## Tools

Functions that the language model can invoke to perform actions

04

## Sampling

Let servers request LLM completions for advanced agentic behaviors

05

## Elicitation

Request user input directly from the server for interactive flows

06

## MCP Apps

Full application experiences built on the MCP protocol

# MCP Servers in Copilot Studio

## ✓ Supported

### Resources

Expose data and content to language models

### Tools

Functions the model can call to perform actions

## — Not Yet Supported

Prompts

Sampling

Elicitation

MCP Apps

**Resources and Tools are fully supported today**

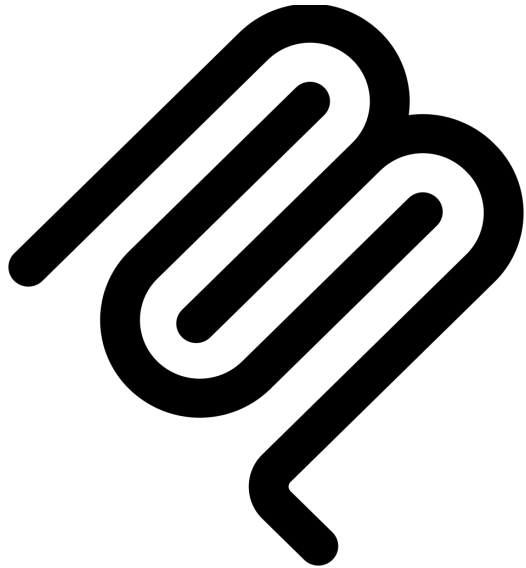
Prompts, Sampling, Elicitation, and MCP Apps support is on the roadmap



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# MCP vs Connectors

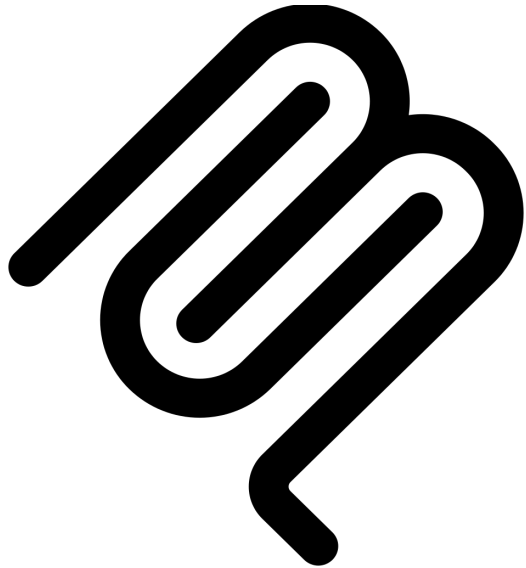
# MCP Servers vs Connectors



**VS.**



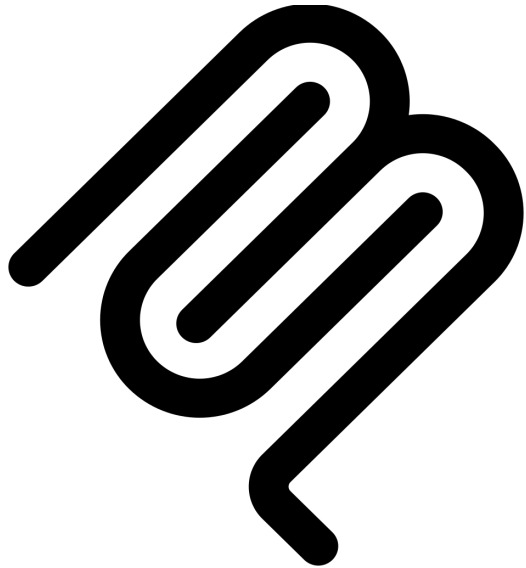
# MCP Servers ~~vs.~~ Connectors



~~vs.~~



# MCP Servers & Connectors

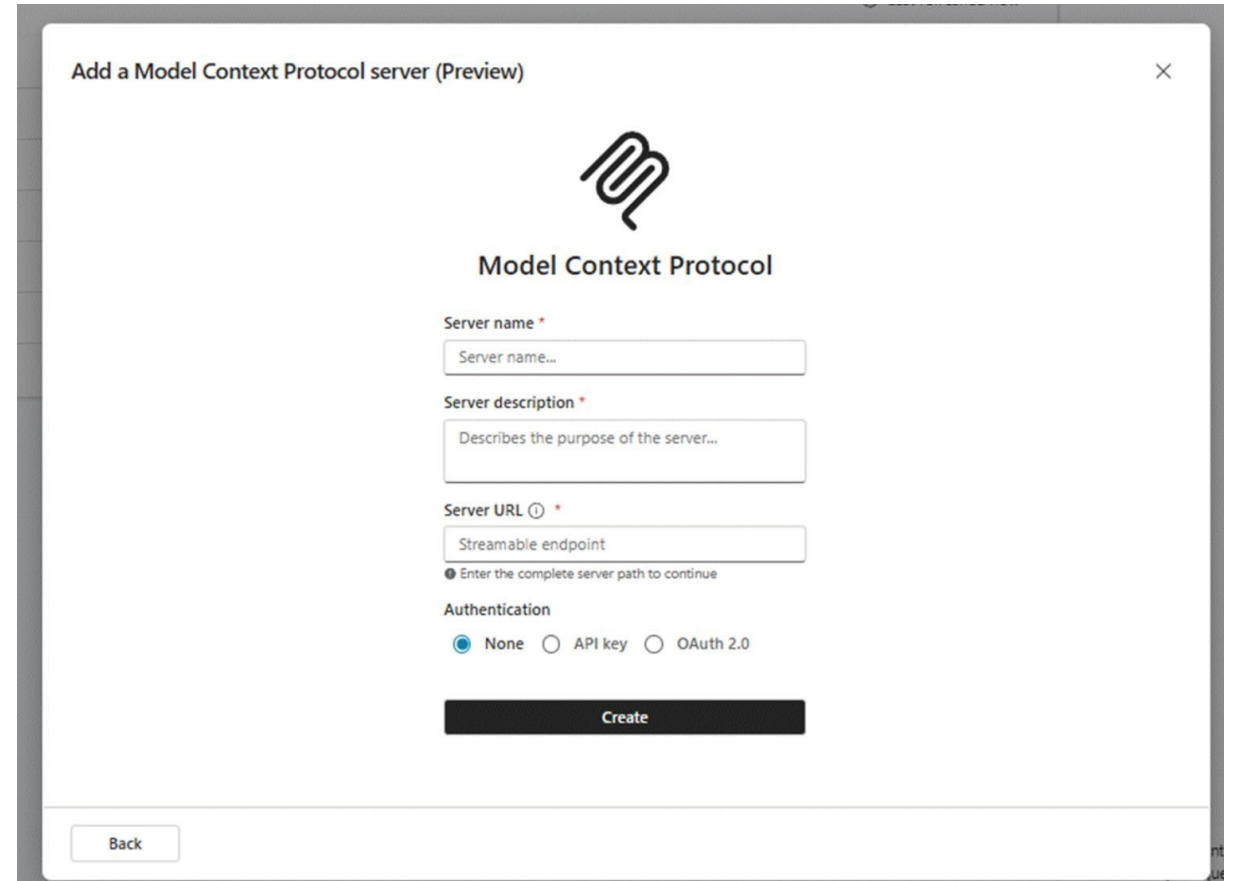


&



# MCP Servers & Connectors

- MCP Servers can be added as a connector action
  - Both as a new connector as well as an existing connector
- Benefit from:
  - Data loss prevention
  - Multiple authentication methods
  - Virtual Network support
  - Certification for ISVs
- Easy creation of MCP Servers in Copilot Studio via the new wizard (preview)



The screenshot shows a wizard window titled "Add a Model Context Protocol server (Preview)". At the top center is the MCP logo, a stylized 'M' with a paperclip. Below the logo is the heading "Model Context Protocol". The form contains the following fields and options:

- Server name \***: A text input field with the placeholder "Server name...".
- Server description \***: A text input field with the placeholder "Describes the purpose of the server...".
- Server URL ⓘ \***: A text input field with the placeholder "Streamable endpoint". Below this field is a radio button selected with the text "Enter the complete server path to continue".
- Authentication**: Three radio button options: "None" (selected), "API key", and "OAuth 2.0".

At the bottom of the form is a dark "Create" button. A "Back" button is located at the bottom left of the window.

# MCP Servers & Connectors



## MCP Servers

- Only works in Copilot Studio (\*)
- Multiple tools can be added at once
- Agentic capabilities without configuration
- No update needed after adding or removing a tool in the MCP Server
- Data loss prevention on server level



## Connectors

- Works in Copilot Studio, Power Apps, Power Automate & Logic Apps
- Connector actions (tools) must be added one by one in Copilot Studio
- Connector needs to be updated when adding or removing a connector action
- Data loss prevention on action level



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# Local MCP

# Local MCP Servers

## Preview: PAC CLI ships with local MCP server #1182

petrochuk announced in Announcements

 petrochuk on Jun 28 Maintainer edited ...

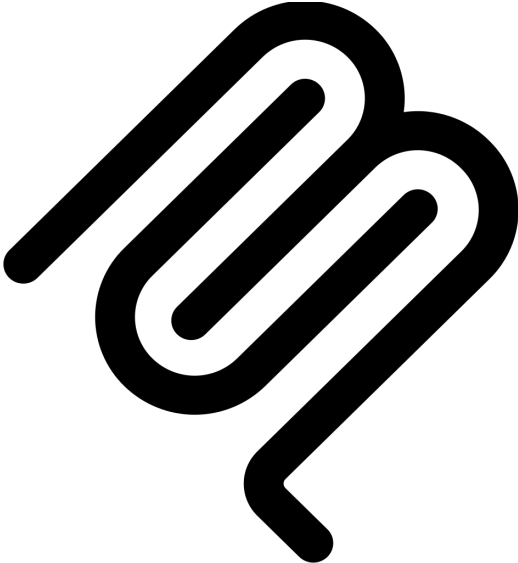
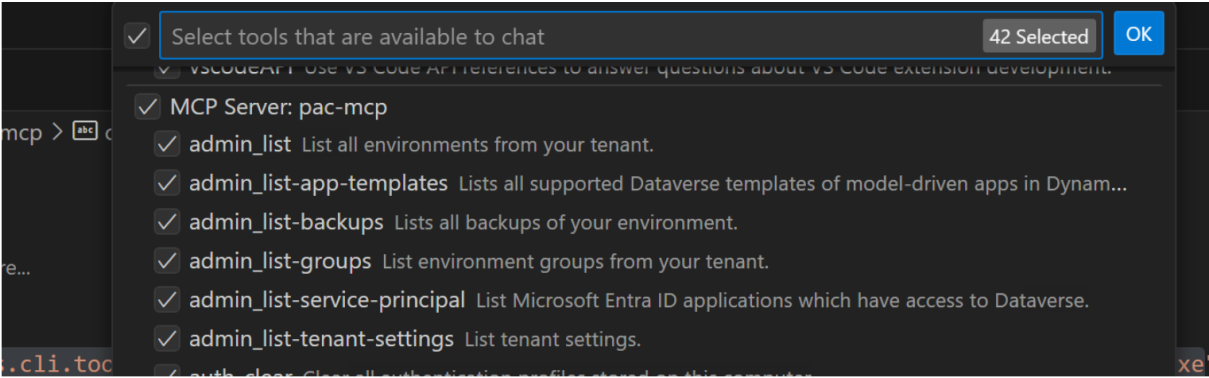
### Latest PAC CLI tool (1.44 .Net 8 version) ships with local MCP server.

Here is how to add it:  
[Adding an MCP server](#)

The executable name is pac-mcp.exe and usually located at `C:\Users\*user\alias*.dotnet\tools\.store\microsoft.powerapps.cli.tool\1.44.2\microsoft.powerapps.cli.tool\1.44.2\tools\net8.0\any\pac-mcp.exe`

tip: run `pac copilot mcp` to find pac-mcp.exe location

### You can select which PAC CLI commands to enable out of 20 supported now



# DEMO: Local MCP











































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# Remote MCP

# Remote MCP Servers in Copilot Studio

All Connector Prompt Flow REST API **Model Context Protocol**

 <b>Azure Databricks Genie</b> Azure Databricks	 <b>Bigdata.com MCP endpoint</b> Bigdata-com	 <b>Box MCP Server</b> Box MCP Server	 <b>CData Connect AI</b> CData Connect AI
 <b>Celonis MCP Server</b> Celonis MCP Server	 <b>Contact Management MCP S...</b> Office 365 Outlook	 <b>D365 Sales MCP Server (dep...</b> Microsoft Dataverse	 <b>D365 Service MCP Server (Depr...</b> Microsoft Dataverse
 <b>Databricks Genie</b> Databricks	 <b>Dataverse MCP Server (Depr...</b> Microsoft Dataverse	 <b>DocuSign MCP Server</b> DocuSign Demo	 <b>Draup MCP Server</b> Draup MCP Server
 <b>Dynamics 365 Business Cent...</b> Dynamics 365 Business Central	 <b>Dynamics 365 Contact Cente...</b> D365 Contact Center Admin ...	 <b>Dynamics 365 Contact Cente...</b> Microsoft Dataverse	 <b>Dynamics 365 Conversation Orc...</b> Microsoft Dataverse
 <b>Dynamics 365 Customer Ser...</b> Dynamics 365 Service MCP	 <b>Dynamics 365 ERP Analytics ...</b> Dynamics 365 ERP Analytics ...	 <b>Dynamics 365 ERP MCP</b> Microsoft Dataverse	 <b>Dynamics 365 ERP MCP</b> Fin & Ops Apps (Dynamics 365)
 <b>Dynamics 365 Sales MCP (Pr...</b> Dynamics 365 Sales MCP Serv...	 <b>Email Management MCP Ser...</b> Office 365 Outlook	 <b>Enlyft MCP</b> Enlyft MCP	 <b>Environment Management MCP...</b> Power Platform for Admins V2
 <b>Experlogix Smart Flows MCP...</b> Experlogix Smart Flows	 <b>Gieni Actions for fetching an...</b> Gieni TS Server MCP	 <b>Github MCP Server</b> GitHub	 <b>Intelix IOC Analysis</b> Intelix IOC Analysis MCP
 <b>Invoke Highspot MCP Produ...</b> Highspot MCP	 <b>Jira MCP Server</b> Jira	 <b>Kusto Query MCP Server</b> Azure Data Explorer	 <b>LSEG data and analytics</b> LSEG
 <b>MCP server for Salesforce</b> Salesforce	 <b>Meeting Management MCP ...</b> Office 365 Outlook	 <b>Microsoft 365 Admin Center ...</b> Microsoft MCP Servers	 <b>Microsoft 365 Copilot (Search) ...</b> Microsoft MCP Servers
 <b>Microsoft 365 User Profile M...</b> Microsoft MCP Servers	 <b>Microsoft Dataverse MCP Se...</b> Microsoft Dataverse	 <b>Microsoft Dataverse MCP Se...</b> Microsoft Dataverse	 <b>Microsoft Learn Docs MCP Server</b> Microsoft Learn Docs MCP



# DEMO: Remote MCP




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# Recent Updates

# Recent Updates

- Tool selection

 **Tools**


MCP tools enable servers to offer executable functionalities, allowing LLMs to interact with external systems and perform real-world actions.

Tool name	Description		<input type="checkbox"/>
list_tables	This tool gets a list of all tables in the dataverse and return an array of table names. This doesn't retrieve the tables from external sources.		<input checked="" type="checkbox"/>
describe_table	Get the TSQL schema definition of a table in the Dataverse database		<input checked="" type="checkbox"/>
read_query	This tool is used to execute SQL SELECT statements against Dataverse, to enable complex query scenarios like filtering, joins, aggregations and more. The tool works best with grounded knowledge found from the describe and list table tools, as well as with insights on the data gained from search tools		<input checked="" type="checkbox"/>
create_table	Create a new table in Dataverse with the specified columns		<input checked="" type="checkbox"/>
update_table	Update an existing table in Dataverse by adding new columns		<input checked="" type="checkbox"/>
delete_table	Proceed solely on explicit user consent then only DELETE a table in the Dataverse database		<input type="checkbox"/>

# Recent Updates

- Wizard

Add a Model Context Protocol server (Preview) ✕



## Model Context Protocol

Server name \*

Server description \*

Server URL ⓘ \*  
  
Enter the complete server path to continue

Authentication  
 None  API key  OAuth 2.0

**Create**

[Back](#)

# Recent Updates

- Resources

Enabled  Save

real-world actions.

Tool name	Description
Fetch_Stock	Gets the current stock price for a specific company
Person_Details	Helps with getting details about a specific person
Redfin User Account	Gets details about a users account on Redfin
Get_InteriorDesign_Ideas	Helps with some images with interior designs for living rooms
Redfin_Data	Helps with information about houses on redfin
Fetch_Weather	Gets the weather for a location.

**Resources** [Preview](#)

MCP resources expose data and content, providing essential context for LLM interactions, ensuring accurate and relevant responses. The information is updated dynamically and supported by specialized servers using the Model Context Protocol. These resources are just a sample of what this MCP supports. For a full list, visit the MCP server's documentation.

Resource name	Description
RedfinPersonnelData	This is a CSV file containing information about people from the Redfin organization
RedfinUserAccountData	Helps with user account information for Redfin Users
HousesOnRedFin	This is a PDF file containing information about houses listed on RedFin

Just now

What are top 10 houses on Redfin?

Here are the **Top 10 Most-Viewed Online Home Listings on Redfin for January 2025**:

- 1171 Ironstone Ct., San Jose, CA 95132 – Listed for \$1,497,000
- 2307 Kolb Pl., Dublin, CA 94568 – Listed for \$1,297,000
- 3558 Sequoia Common, Fremont, CA 94536 – Listed for \$544,841
- 14638 SE 22nd St., Bellevue, WA 98007 – Listed for \$1,050,000
- 1051 Vista Grande Dr., Pacific Palisades, CA 90272 – Listed for \$24,500,000
- 553 San Luis Ave., Los Altos, CA 94024 – Listed for \$3,375,000
- 1336 Petal Way, San Jose, CA 95129 – Listed for \$2,395,000
- 1424 172nd Pl. NE, Bellevue, WA 98008 – Listed for \$1,299,950
- 28 Alma Ct., Los Altos, CA 94022 – Listed for \$4,800,000
- 2110 Hanover St., Palo Alto, CA 94306 – Listed for \$2,199,888

Most of these homes are in **tech hubs** like the Bay Area and Seattle, and nine out of ten are priced above **\$1 million**, with five above **\$2 million**.

Would you like me to also share **links to these listings on Redfin** or provide a **summary of why these homes are trending**?

Just now

Ask a question or describe what you need

0/2000

Make sure AI-generated content is accurate and appropriate before using. [See terms](#)

# Recent Updates

- OAuth 2.0 DCR

Add a Model Context Protocol server (Preview) ✕

**MODEL CONTEXT PROTOCOL**

**Server name \***

**Server description \***

**Server URL ⓘ \***

● Enter the complete server path to continue

**Authentication**

None  API key  OAuth 2.0

**Type**

Dynamic discovery  Dynamic  Manual

Your MCP server must support OAuth 2.0 Dynamic Client Registration (DCR) to enable Dynamic Discovery Authentication.


If DCR is not supported, authentication may fail. Please verify that your server exposes a valid `registration_endpoint` in its OpenID configuration. [Learn more](#)

**Create**



# Recent Updates

- Enhanced tracing and analytics

 **Dataverse MCP Server** Complete ×  
Model Context Protocol

**Description**

Dataverse MCP Server. This server can be used to get information from Dataverse as well as get knowledge from Dataverse and various other tabular sources. To check what all sources this server can access, use the list\_knowledge\_sources tool. list\_knowledge\_sources responds with the source and tables that this server can access.

**Inputs**

querytext (String)

```
SELECT * FROM contact
```

**Outputs**

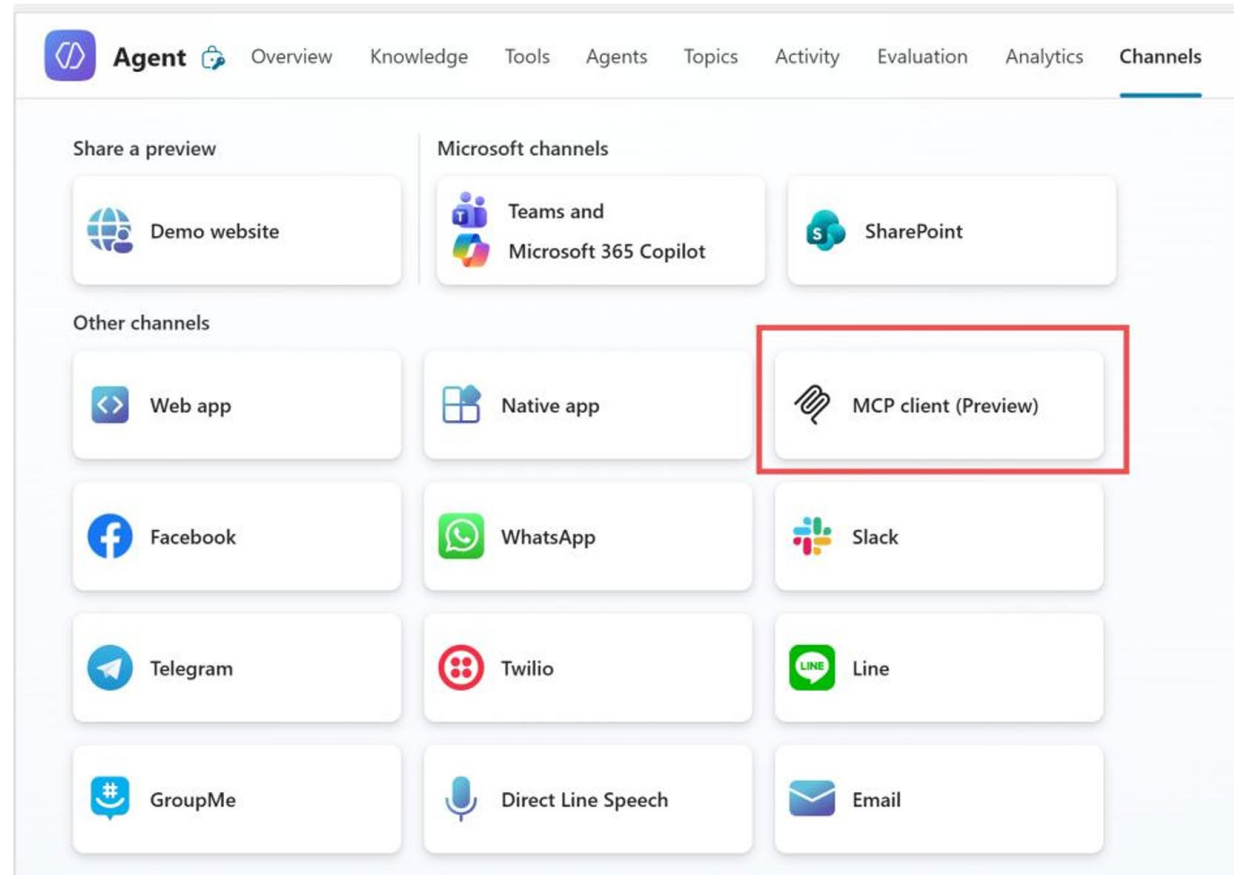
content (Table)

```
1  [
2  {
3    "text": "{\@odata.context\": \"https://org3c989919.crm.dynamics.com/api/data/v9.1.0/$metadata#Microsoft.Dynamics.CRM.McpExecuteSqlQueryResponse\", \"queryresult\": \"[\\n\\n  \\n\\n\"
```

Edit configuration Documentation

# Recent Updates

- Agent as MCP (preview)





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# Custom MCP

# Microsoft Copilot Studio ❤️ MCP Lab

- Run your MCP Server locally
- Connect it to via dev tunnels to Copilot Studio
- Deploy your own MCP Server to Azure



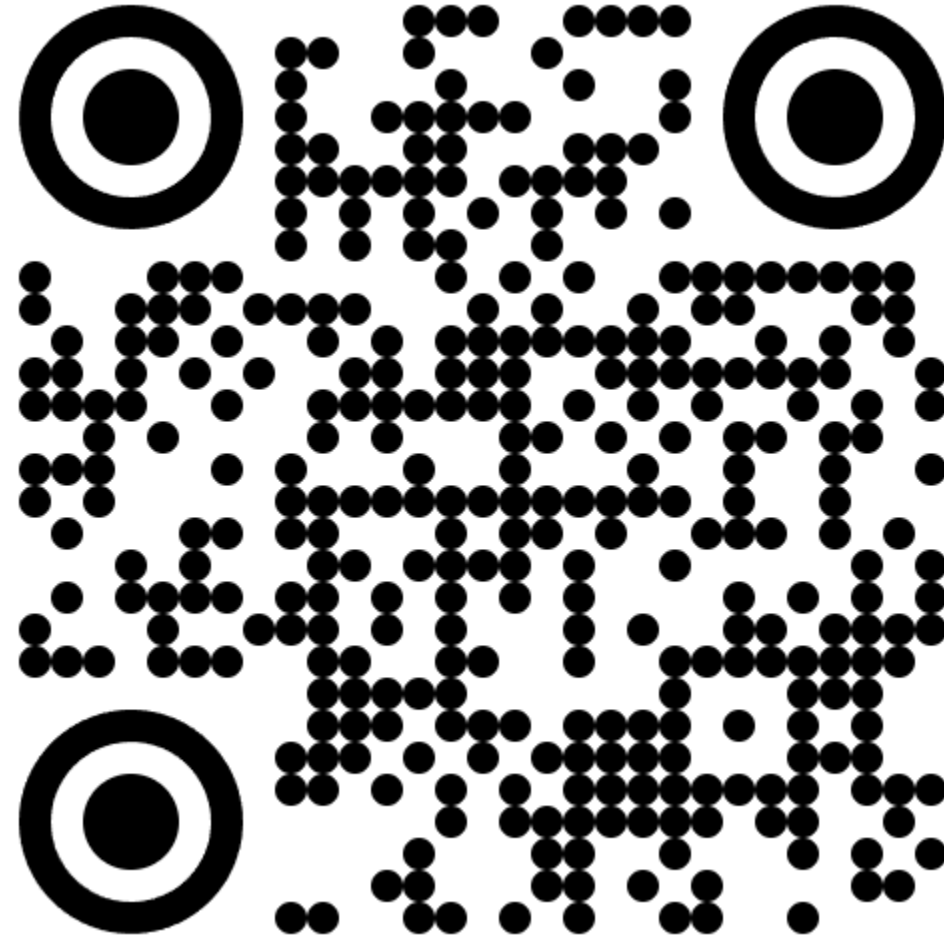
# DEMO: Custom MCP



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# Resources

# Resources





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# THANK YOU!



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# Q&A

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