



Microsoft Sovereign Cloud

Daniel von Büren; Swiss Security Officer



Digital sovereignty isn't a single destination – it's a journey defined by choice, control, and capability"



Microsoft's European Digital Commitments



Microsoft's European Digital Commitments – Our Journey

Microsoft announces new European digital commitments

Apr 30, 2025 | Brad Smith – Vice Chair & President



European
Digital Commitments

Microsoft launches new European Security Program

Jun 4, 2025 | Brad Smith – Vice Chair & President



European
Security Program

Announcing comprehensive sovereign solutions empowering European organizations

Jun 16, 2025 | Judson Althoff – Executive Vice President and Chief Commercial Officer



Microsoft
Sovereign Solutions

Unlocking data to advance European commerce and culture

Jul 20, 2025 | Brad Smith – Vice Chair & President



Supporting Commerce
and Culture



Microsoft Sovereign Cloud

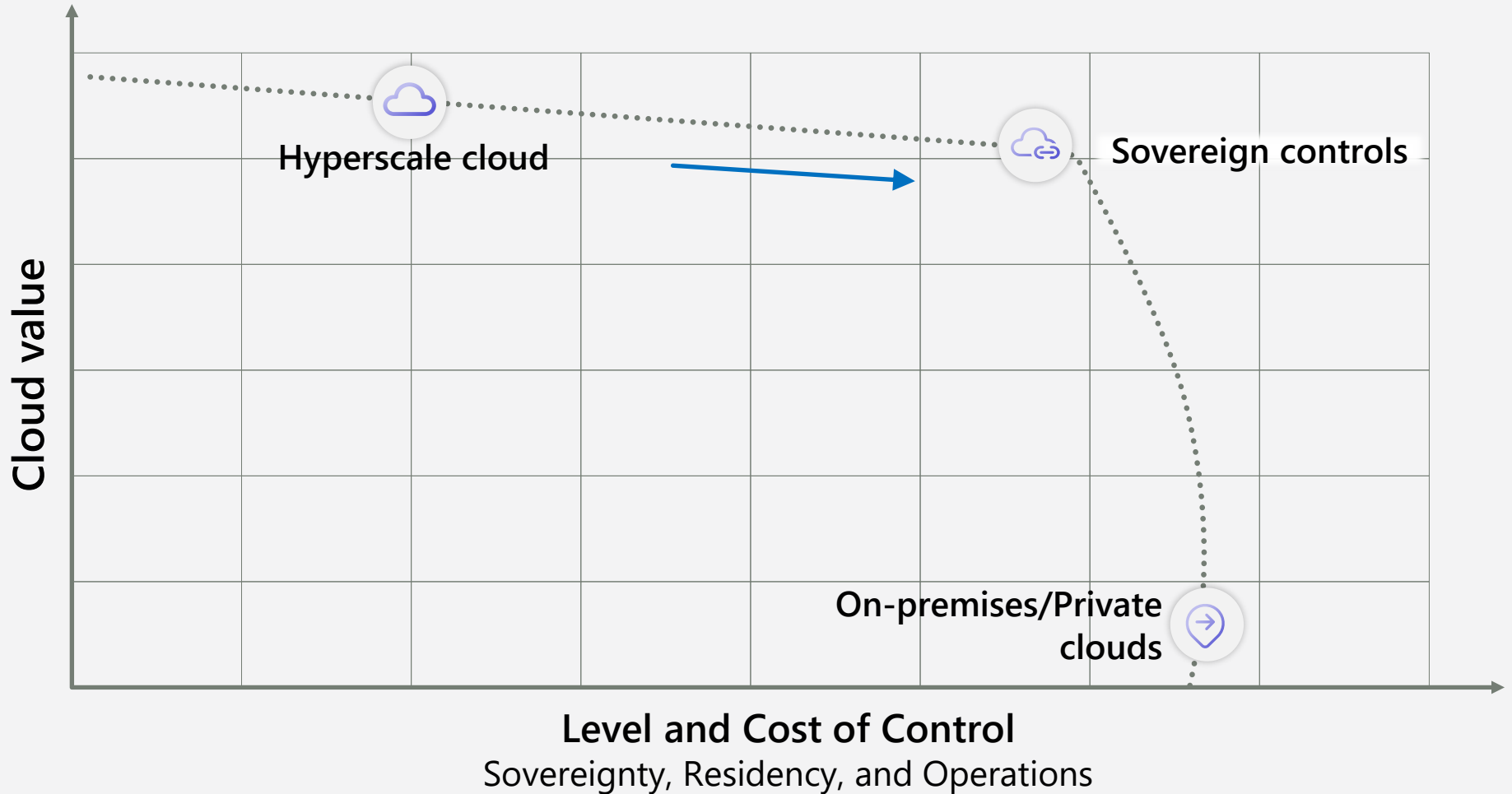


Sovereignty tradeoffs and cloud usage



Cloud value

Scalability,
Innovation,
Cybersecurity,
Reliability, Cost
savings, Agility,
Redundancy
and Resiliency



Microsoft Sovereign Cloud

Comprehensive sovereign capabilities for productivity,
security and cloud solutions in Europe

**Sovereign
Public Cloud**

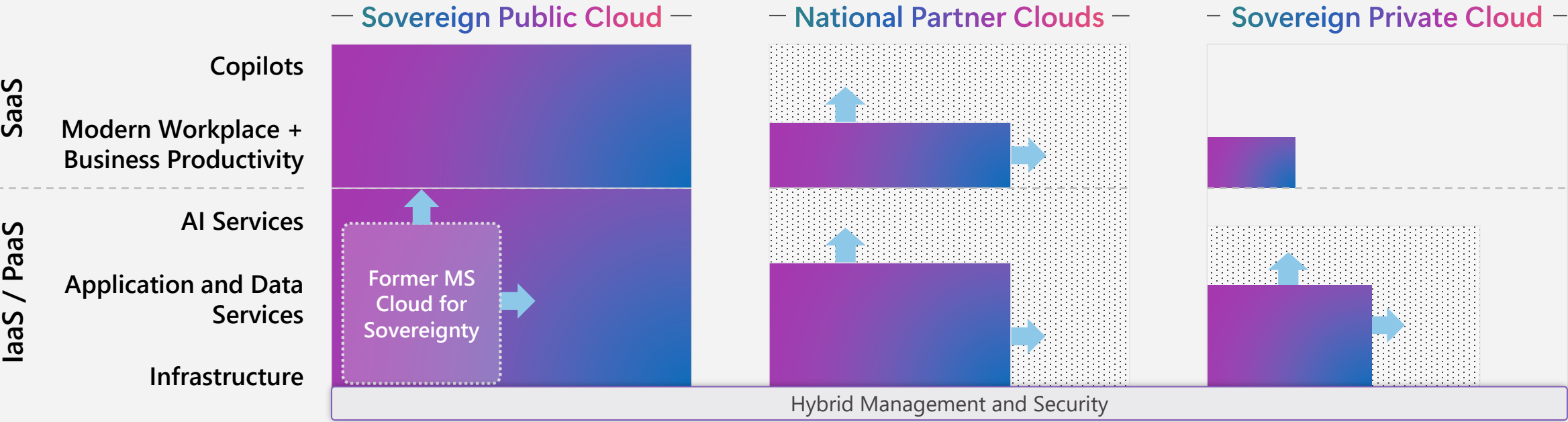
**National
Partner Clouds**

**Sovereign
Private Cloud**

← Consistent management and development platform →

Microsoft Sovereign Cloud Portfolio

■ Portfolio available/planned
▤ Portfolio compatible with approach



Microsoft 365 incl. Copilot,
Dynamics 365, Azure, ...

Delos (Germany),
bleu (France)

Microsoft 365 Local
Azure Local

Sovereignty Approach	Software	Hardware	Hardware
Datacenter Approach	Public Cloud including local datacenters	Community Cloud with dedicated datacenters (e.g. Delos: 1+1, 3+1 soon)	Private Cloud in customer or partner datacenter
Cloud Ownership & Operations	Microsoft	National Cloud Ownership Entity (Delos (SAP), bleu (Orange/Cap Gemini))	Customer or IT Service Provider
Eligible Customers	All	Delos: German government (direct/indirect) bleu: closed set of French PS/CRITIS customers	All

Microsoft Sovereign Cloud

Most comprehensive set of sovereignty solutions,
with integrated productivity, security and cloud platform

Sovereign Public Cloud

Microsoft owned and operated

Data stays in Europe,
under European law

Data Guardian: Operations and
access controlled by Europeans

Software-based Sovereign controls
for
policy enforcement

Applies to existing Europe cloud
datacenter regions with no migration

National Partner Clouds

Government-approved local owner
and operator independent from
Microsoft

For government and
critical infrastructure criteria

Clouds in Germany (Delos Cloud) and
France (Bleu) with fully isolated
infrastructure

Adhere to highest government
sovereignty standards (CPR in
Germany, SecNumCloud in France)

Sovereign Private Cloud

Customer owned and operated

Azure Local + Microsoft 365 Local:
Integrated cloud and productivity

Hybrid or disconnected
at your location

Validated architecture based on on-
premises server products (e.g. Hyper-
V, Exchange, SharePoint, Skype for
Business) and partner ecosystem

Virtualization services

← Consistent management and development platform →



Sovereign Public Cloud

Microsoft Sovereign Public Cloud is an evolution of the Microsoft Cloud for Sovereignty and related capabilities.

Sovereign Control Portfolio

Azure Confidential Computing

Customer Lockbox

SQL Always Encrypted

External Key Management &
Managed HSMs

Data Guardian

Azure Monitor

Sovereign Guardrails & Guidance

Reference Architectures

Sovereign Landing Zones

Policy Initiatives

Regulated Environment Management (Azure Portal)

Orchestrate deployment, configuration, monitoring and management

Compliance & Transparency

Transparency Logs

Government Security Program

Right to audit

Public Cloud Capabilities

60+ Azure Regions

Azure Services

Provides Local Data Residency and the resiliency and connectivity of a hyperscale cloud

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← Consistent management and development platform →

US sanctions related to the International Criminal Court (ICC)

Beginning in February, we've been in touch with the ICC throughout the process that resulted in the disconnection of its sanctioned official from Microsoft services. **At no point did Microsoft cease or suspend its services to the ICC.**

Microsoft didn't cut services to International Criminal Court, its president says

Chief prosecutor's email issues have spurred fears in Europe that Trump could trigger a "kill switch" through U.S. tech giants abroad.

SHARE

POLITICO PRO

Free article usually reserved for subscribers



The company's President Brad Smith told reporters that Microsoft's actions "did not in any way involve the cessation of services to the ICC." | Michael Reynolds/EFE via EPA

JUNE 4, 2025 12:45 PM CET
BY SAM CLARK

Source: [Microsoft didn't cut services to International Criminal Court, its president says – POLITICO](#)



Microsoft 365 Copilot, Copilot Chat & Datenschutz

DVS Cloud Tagung, 19. August 2025

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Phase 1

Human with
assistant



Phase 2

Human-agent
teams



Phase 3

Human-led,
agent operated



Readiness

Preparing your
workforce for human-
agent collaboration

Economics

Navigating the
economics of
digital labor



Copilot

Human augmentation

Private, Personal Assistant

Every employee will have a Copilot



Agents

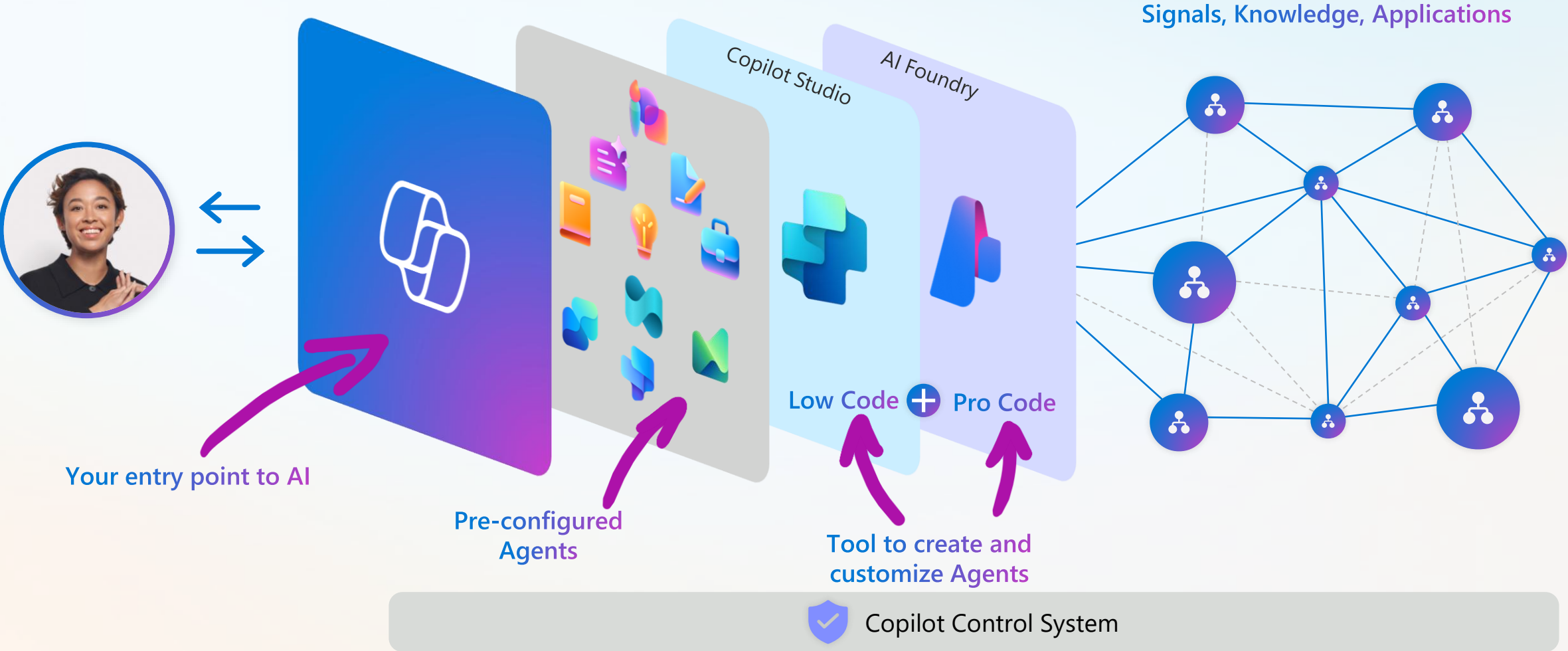
Connected to Copilot or autonomous

Automates tasks and processes

Every business process will have an agent

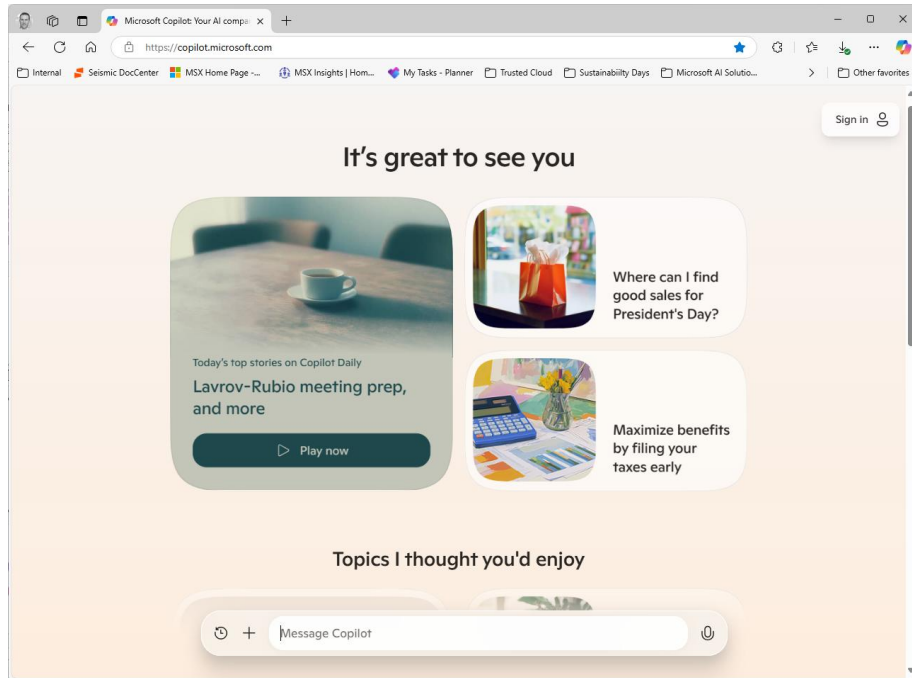
Copilot is the UI for AI

Productivity + Agents + Extensibility + Platform



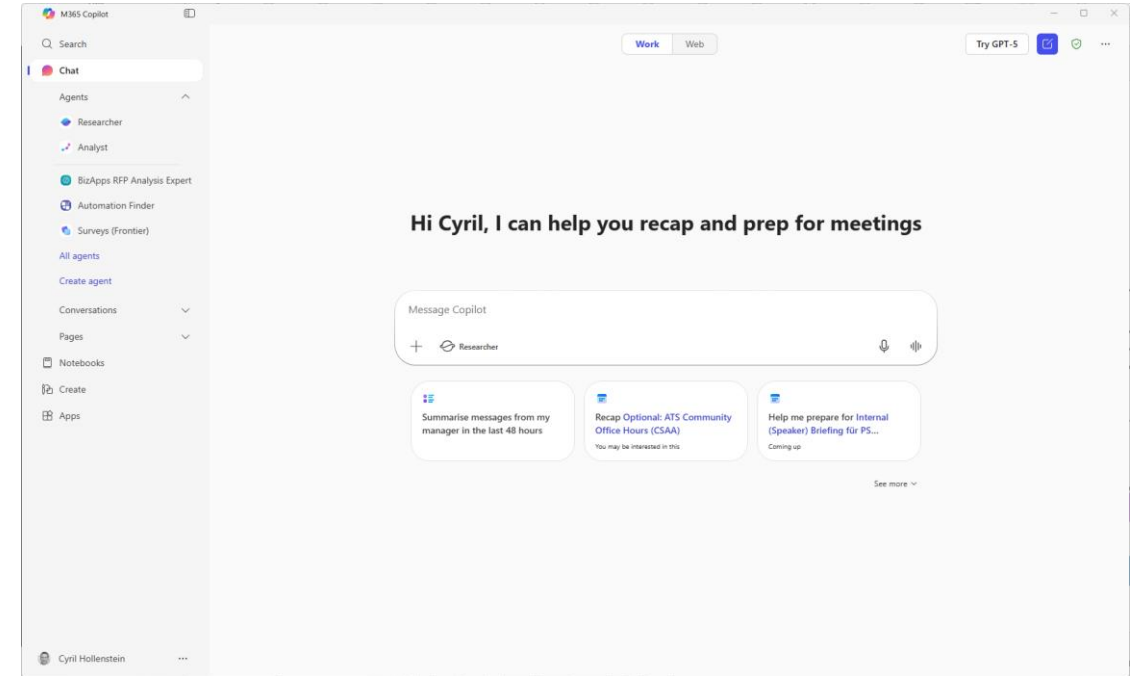
Copilot - CONSUMER

<https://copilot.microsoft.com/>



Microsoft 365 Copilot - ENTERPRISE

<https://m365.cloud.microsoft/chat>



Entra ID Login



Microsoft
commitments
and controls



**Microsoft 365
Copilot is built
on trust**



Tools to manage
your data

Microsoft commitments and controls



We secure your data
at rest and in transit



You control your
data



Your data is not used
to train or enrich
foundation models



You're protected
against AI security and
copyright risks¹

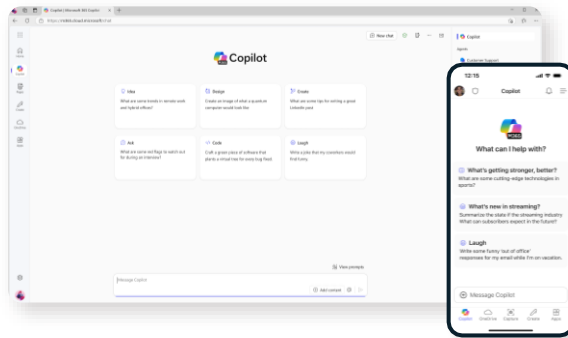


Microsoft 365 Copilot is built on trust

¹ [Learn more about the Customer Copyright Commitment](#)



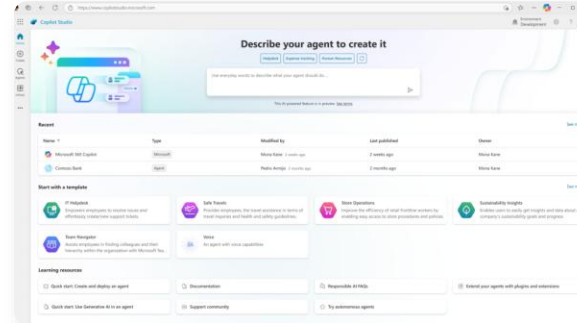
Microsoft 365 Copilot Chat



Chat

Free, secure AI chat –
powered by **GPT-5** and **web grounded**

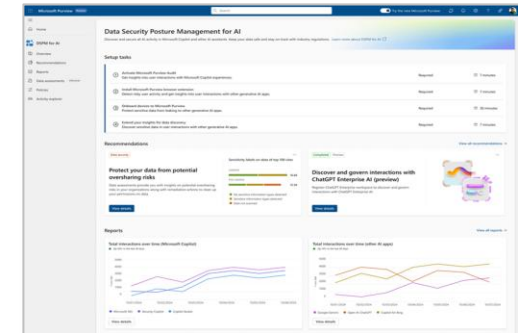
+



Agents

Integrated into the chat experience and
paid for on a consumption basis

+



IT Controls

Enterprise Data Protection
and agent management



Hi, how can I help?

Message Copilot



Researcher



Rewrite this to sound more professional and less verbose...

Improve your writing



Analyse this text and make suggestions on how to improve...

Sharpen your writing



List key points from 19082025 DVS Cloud Konferenz Microsoft...

Understand the main points

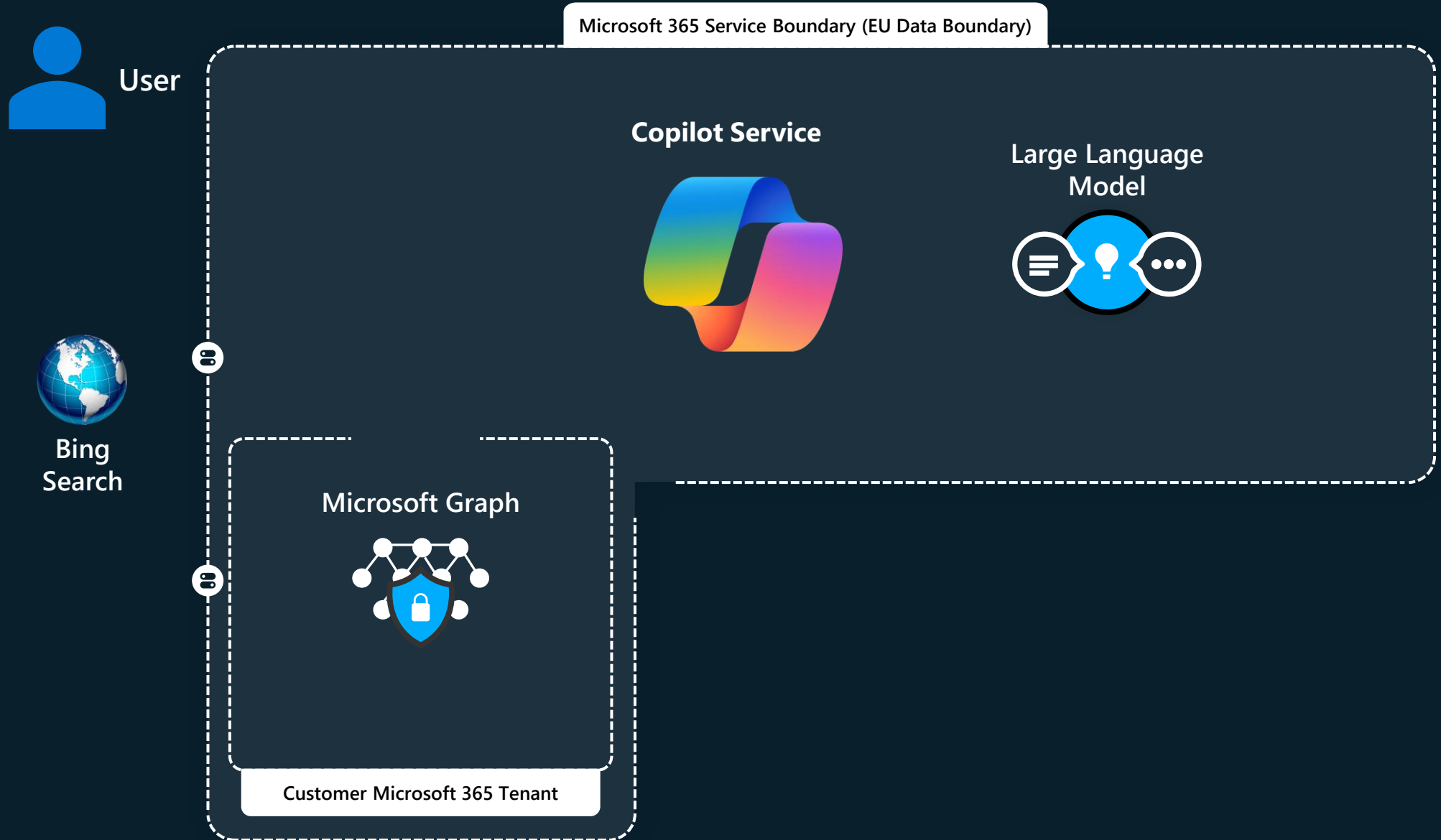
See more



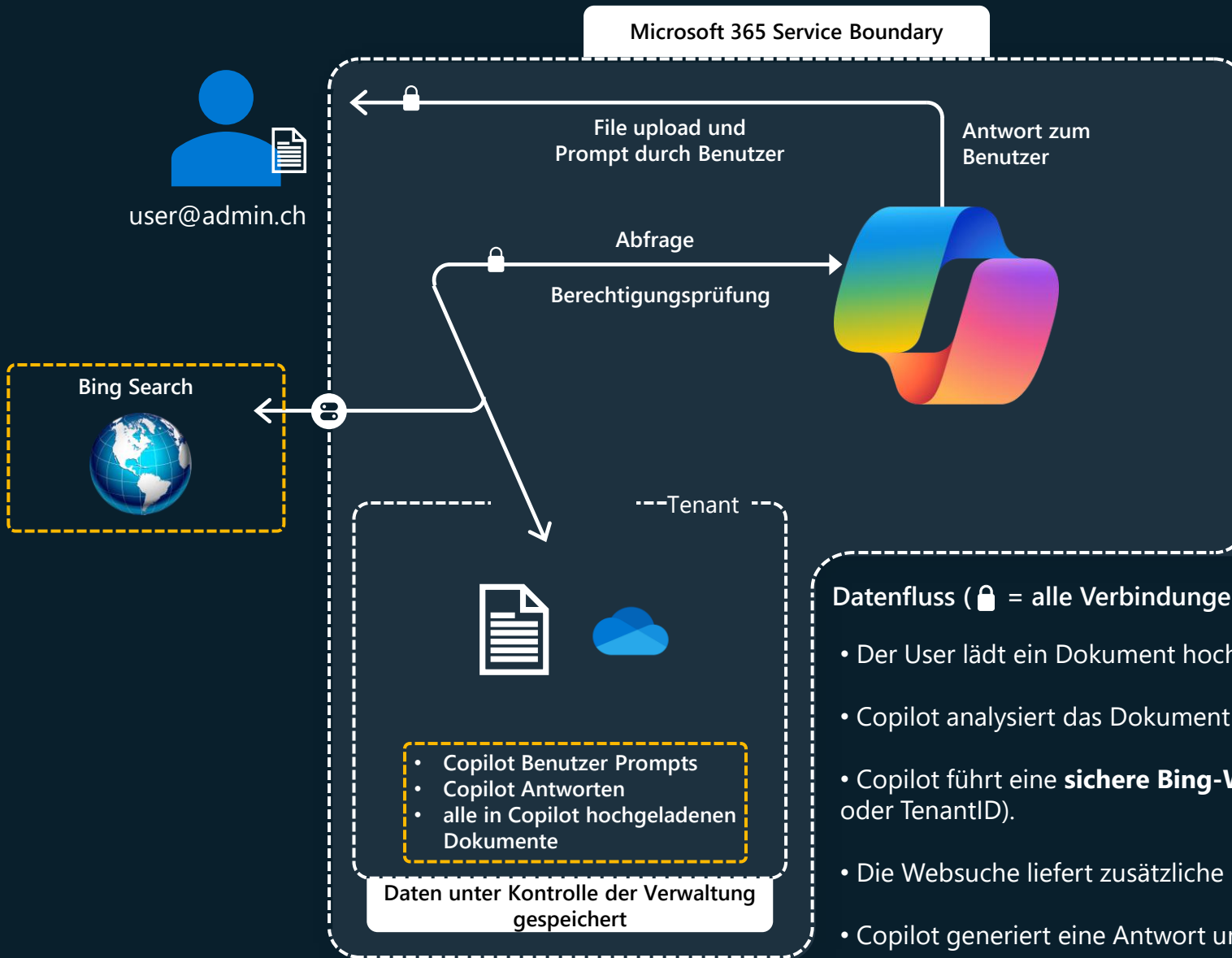
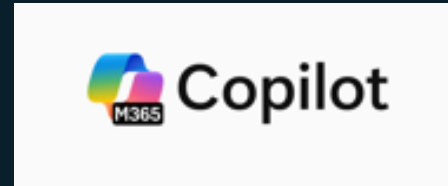
Cyril Hollenstein



Microsoft 365 Copilot architecture



Microsoft 365 Copilot Chat und/oder "Web" - Datenfluss



Datenfluss (🔒 = alle Verbindungen sind verschlüsselt)

- Der User lädt ein Dokument hoch und/oder gibt einen Prompt ein.
- Copilot analysiert das Dokument und extrahiert relevante **Textausschnitte (Snippets)**.
- Copilot führt eine **sichere Bing-Websuche** aus (im Inkognito-Modus, ohne User-Daten wie UserID oder TenantID).
- Die Websuche liefert zusätzliche Inhalte, die zusammen mit den Snippets verarbeitet werden.
- Copilot generiert eine Antwort und sendet diese zurück.
- Alle hochgeladenen Dokumente und Prompts bleiben unter Kontrolle des Kunden und werden in der Schweiz gespeichert.

Daten werden **NICHT** für das Training der Modelle verwendet
Es werden **keine** Files/Dokumente an Bing Search gesendet.

Protections in Copilot and Traditional web search

		Copilot web search	Traditional search
 Admin Controls	Allow web search policy (user / group, work / web)	●	
	Audit logging and eDiscovery for web search queries	●	
 User Protections	User toggle web search on/off (M365 Copilot work tab)	●	
	RAI on prompt and response	●	N/A
	Web search query transparency (in the response)	●	
 Query Protections	Short, few words. Not the entire prompt (unless very short)	●	●
	Secure transmission	●	●
	User and tenant identifiers removed	●	
 Contractual Commitments ¹	Search Provider has no rights in Query Data other than as needed to provide the services	●	
	Query Data is not used to improve Bing		
	Query Data is not used to create advertising profiles or track user behavior		
	Query Data is not shared with advertisers or otherwise beyond Microsoft		
	Query Data is not used to train generative AI foundation models		
	Query Data is treated as Customer Confidential Information		

¹See the full [Product Terms](#)



Microsoft 365 Copilot

Your AI assistant for work



Copilot Chat

Free, secure AI chat



Chat

Work-grounded

Copilot in M365 apps

Teams, Outlook, Word, Excel, PowerPoint

Agents

Copilot Control System

Copilot Analytics



Search

Chat

Agents



Conversations



Pages



Notebooks

Create

Apps

Work

Web

Try GPT-5



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Understand the main points

See more



Cyril Hollenstein





Recent pages

About

Scheduled prompts

Send feedback

Settings

Copilot response includes:

Web search



Hi, how can I help?

Message Copilot



Researcher



Summarise messages from my manager in the last 48 hours



Recap Stadt Zürich @Microsoft Innovation Hub Switzerland

You may be interested in this



When's my next meeting with Thore Gruetzner ?

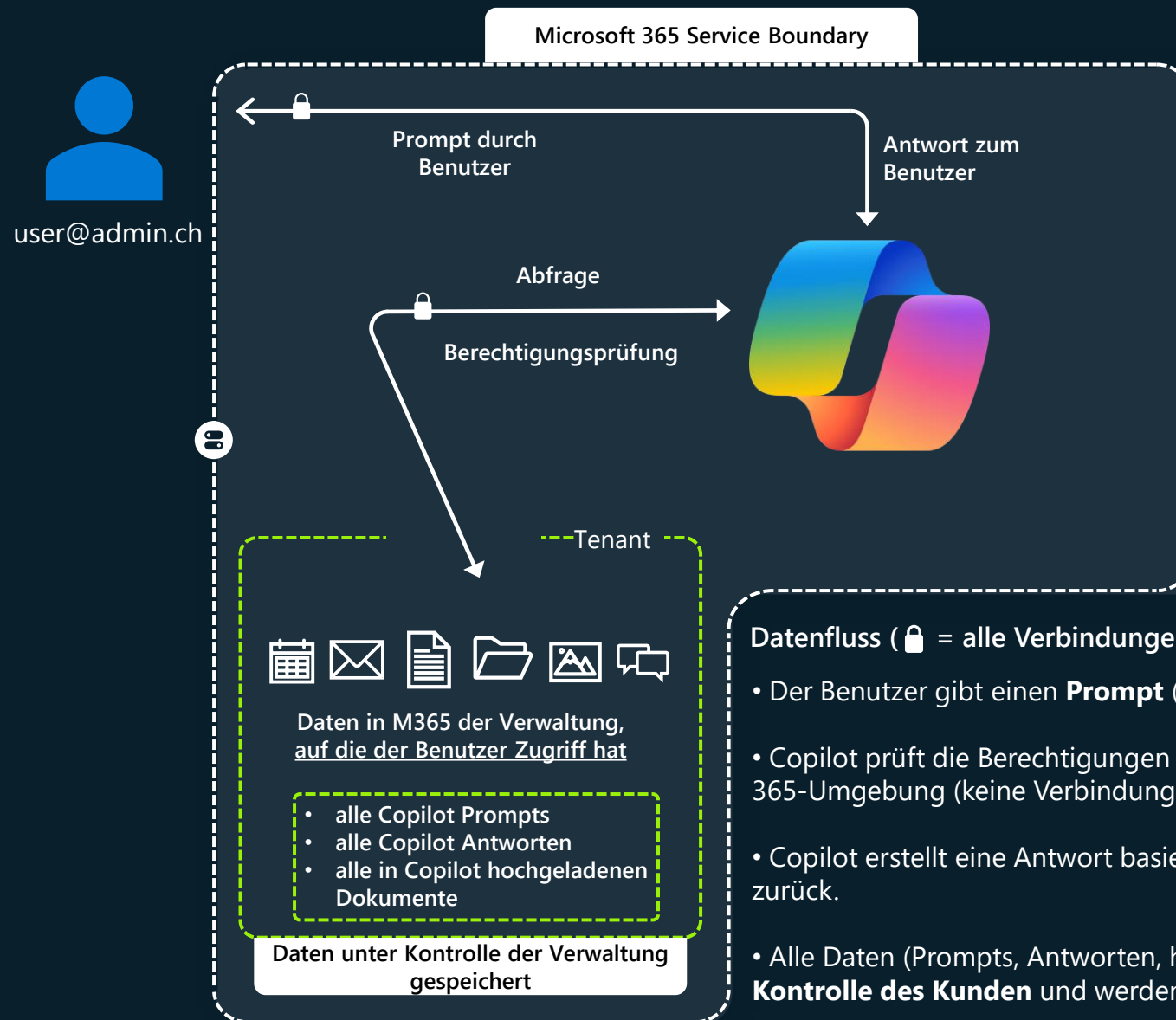
Is a close collaborator

See more



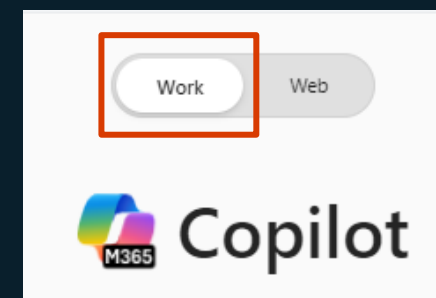
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Microsoft 365 Copilot - Datenfluss **WORK**

(websearch toggle: off)

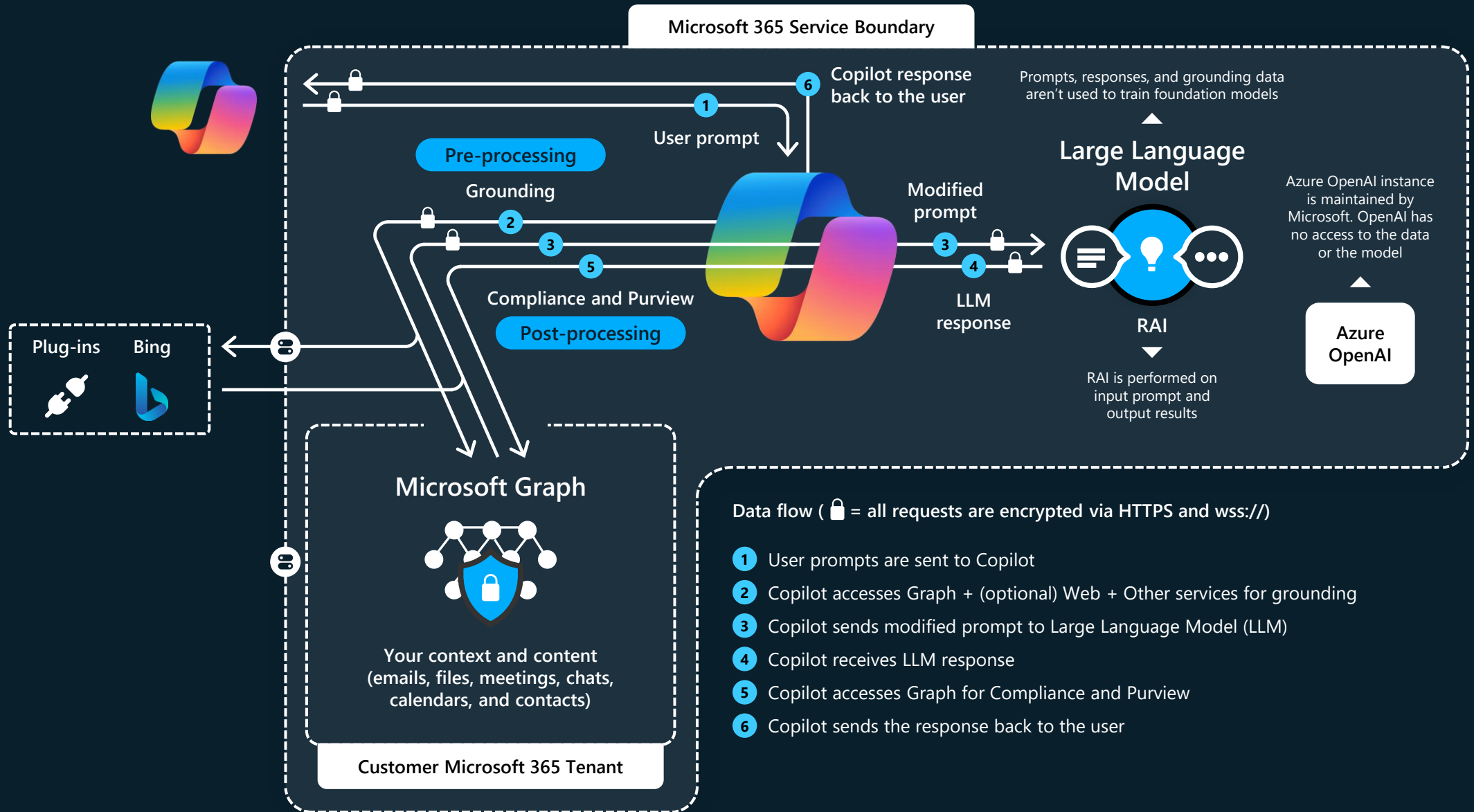


Datenfluss (🔒 = alle Verbindungen sind verschlüsselt)

- Der Benutzer gibt einen **Prompt** (eine Anfrage) ein.
- Copilot prüft die Berechtigungen und sucht **relevante Informationen** in der Microsoft-365-Umgebung (keine Verbindung zum Internet).
- Copilot erstellt eine Antwort basierend auf den gefundenen Daten und schickt diese zurück.
- Alle Daten (Prompts, Antworten, hochgeladene Dokumente) bleiben **unter der Kontrolle des Kunden** und werden in der Schweiz gespeichert.

Daten werden **NICHT** für das Training der Modelle verwendet

Microsoft 365 Copilot architecture



Connection type matters

How Copilot with Microsoft 365 differs

Integrated approach

Deep integrated approach processes all your data securely across Microsoft systems and is context-aware, has semantic index at the tenant level and the user level, and understands your data effectively to provide more accurate and relevant responses.

Copilot + Microsoft 365 Apps

API connectors

A tool between your application (or platform) and another system, enabling data exchange, but has limited functionality without considering the broader context so responses generated through APIs are less rich and contextual.

Example: ChatGPT connectors

Tools to secure and govern your Copilot use



Address oversharing concerns

- Gain visibility into overshared content
- Remediate excessive permissions
- Prevent Copilot from processing sensitive files

Secure



Protect against data loss and insider risks

- Get alerts and reports of risky behavior and AI use
- Protect sensitive files and Copilot interactions
- Dynamically apply security policies based on risky actions



Govern AI use to meet regulations & policies

- Inspect interaction content and audit logs
- Investigate for compliance and ethical violations
- Enforce lifecycle policies and legal holds

Govern



Microsoft 365 Copilot



Microsoft Purview

Secure

Honors your existing permissions

Protects against data loss and insider risk

Assess oversharing risks and apply recommended corrections

Govern

Supports your lifecycle policies and audit requirements

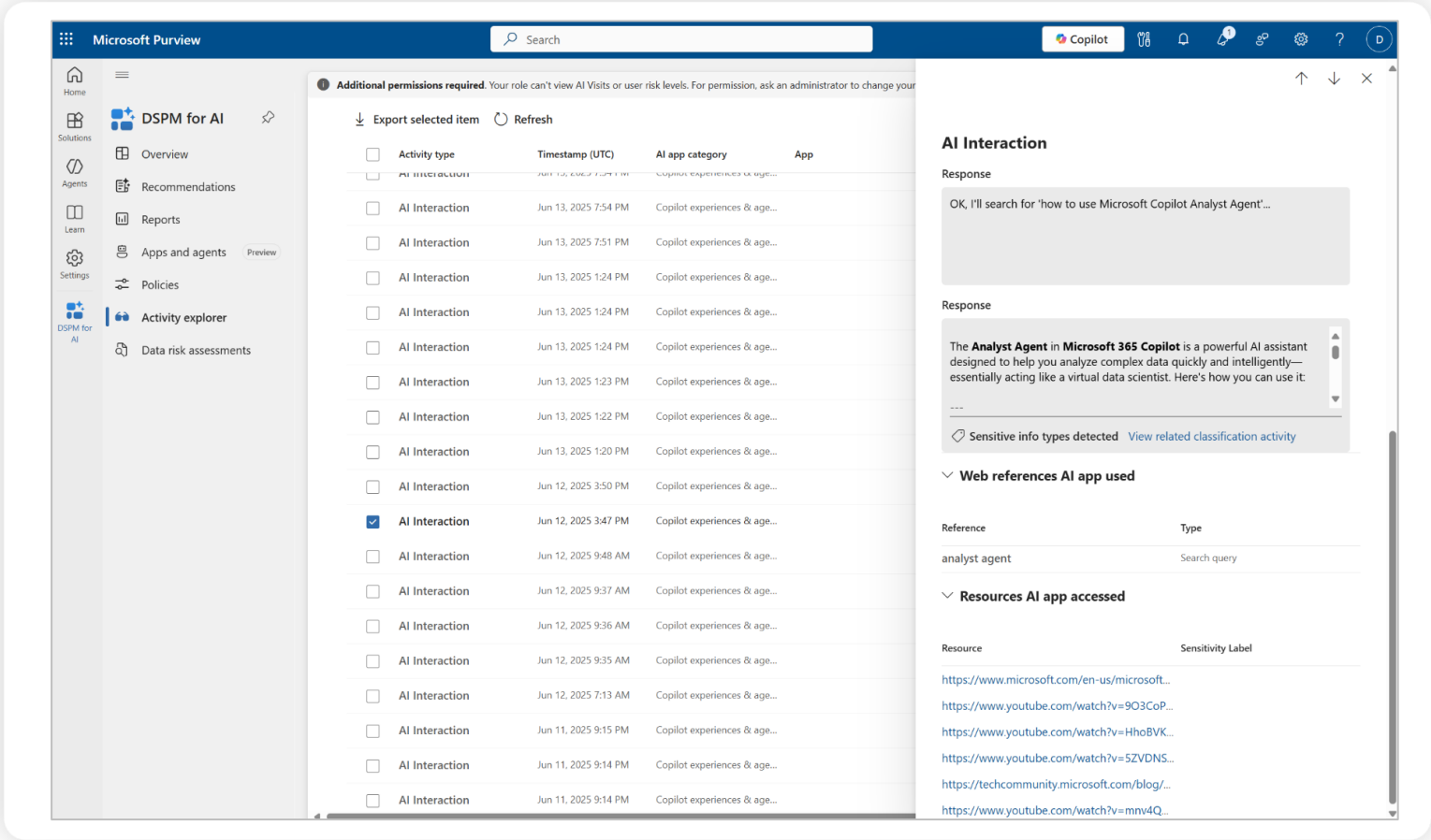
Detect and investigation non-compliant and unethical usage

Guided assistance to remain compliant with AI regulations

A complete solution to secure and govern Copilot

DSPM for AI Activity Explorer – view the web search query

If the Copilot interaction includes a web search query, the query text will appear in DSPM for AI Activity Explorer detail panel alongside the prompt and response text and any resources used to inform the response.



Summary: protections & IT controls for M365 Copilot Chat vs. Microsoft 365 Copilot

		Microsoft 365 Copilot Chat	Microsoft 365 Copilot
Data Protection	Prompts, responses, and web queries are not used to train the foundation models	●	●
	Prompts, responses, and web queries are logged and available for audit, eDiscovery, and retention in the customer tenant ²	●	●
	DPA and Product Terms apply to Copilot prompts & responses which stay within the Microsoft 365 service boundary	●	●
	Copilot respects your organization’s identity model, user permissions, and policies to prevent data leakage and loss ²	●	●
	Protections against harmful content generation, malicious actors, and attacks	●	●
Management Controls	Granular user access controls available for web search queries, which are encrypted and de-identified	●	●
	Agent access, enablement, publication, and deployment	●	●
	Agent access and usage through metering ³	●	-
	Site governance tools to discover, manage, and restrict site access through SharePoint Advanced Management		●
Measurement & reporting	Pre-built Microsoft 365 Copilot reports in Microsoft 365 admin center ⁴	●	●
	Viva Insights pre-built reports and advanced analytics to measure ROI		●
	Copilot Activity APIs allow development of custom reporting on Copilot and agent usage		●

¹The specific controls will vary depending on the underlying subscription plan

²Microsoft Purview controls for Copilot agents created in Microsoft Copilot Studio are currently in Public Preview

³Use of agents is included with Microsoft 365 Copilot license

⁴Agent usage reporting is currently limited to Microsoft 365 Copilot licensed users. Reporting for Copilot Chat users is planned for CY2025-H1

Microsoft 365 Copilot

		● Included	▲ Included — Metered	Microsoft 365 Copilot Chat	Microsoft 365 Copilot
				Free + Consumption	\$30 pu/pm
Copilot Chat	Grounded in the web (powered by GPT-5 ¹)			●	●
	Grounded in personal and organizational work data in your tenant's Graph, including 3rd party data via Copilot connectors				●
	Memory and personalization: Copilot draws on previous chats, work profiles, and custom instructions			●	●
	File upload and image generation ¹			●	●
	Use Copilot Pages to convert AI outputs into durable content designed for dynamic collaboration			●	●
Search ²	Natural language understanding + semantic search to interpret context, relationships, and meaning				●
	100+ connector ecosystem across M365 apps and services and 3P line of business apps, both on-premises and cloud				●
	Admins can curate answers that provide concise, authoritative results				●
Agents	Discover pre-built agents from Microsoft and trusted partners or your organizations custom agents in the Agent Store			●	●
	Use agents grounded in Web data ³			●	●
	Use agents grounded in work data and SharePoint agents (work data in your tenant's Microsoft Graph and 3rd party data via Copilot connectors)			▲	●
	Use agents that activate based on events (e.g. incoming email)			▲	▲
	Use agents on non-Microsoft 365 surfaces (e.g. websites, enterprise apps)			▲	▲
	Use the pre-built Employee Self-Service Agent			▲	●
	Use pre-built Microsoft 365 agents: Facilitator, Interpreter ¹ , Project Manager ¹ , Skills ⁴				●
	Use advanced reasoning agents: Researcher and Analyst				●
Create	Generate multiple types of visual, video, text, podcast, and survey artifacts plus standard editing tools			●	●
	Receive AI generated suggestions and leverage GPT-4o for image generation				●
	Choose from templates or create brand kits that include your company's logos, color palettes, fonts, and more				●
	Full editing experience with built-in AI-powered editing tools				●
Notebooks	Integrated workspace for centralizing broad range of content types for collaboration				●
	AI assistance grounded in Notebook content, including intelligent suggestions and audio overviews				●
Copilot in Teams and Microsoft 365 apps	Copilot in Teams (Copilot in Meetings and Meeting Recap (insights from screen-shared content coming soon)				●
	Copilot in Outlook (Prioritize my inbox, schedule focus time and 1:1 meetings, draft agendas, summarize message threads)				●
	Copilot in Word (Suggestions for structure, flow, and tone, draft and summarize documents)				●
	Copilot in Excel (Python, getting started experience, create formulas and visualizations using natural language)				●
	Copilot in PowerPoint (Narrative builder, presentation translation, generate slides or images aligned to company branding)				●
Copilot Control System	Enterprise Data Protection (EDP): Help security, governance, and other policies stay intact			●	●
	IT management controls, license management, settings and configuration			●	●
	Agent lifecycle management			●	●
	SharePoint Advanced Management (e.g. Restricted Access Controls and Restricted Content Discovery)				●
	Copilot Analytics to measure usage and adoption ⁵				●
	Pre-built reports and advanced analytics to measure ROI				●

1. Microsoft 365 Copilot licensed users offered priority access 2. Roll-out begins August 3. For Copilot Chat, applies only to web-grounded agents created with agent builder. 4. Skills agent coming to Frontier 5. Basic reporting in Microsoft Admin Center available for Copilot Chat

Merci!

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