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<https://aka.ms/abbas> (new)

Monthly Tech Briefing FEBRUARY 2024

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- [TechCommunity Events](#)
- [Microsoft Technical Documentation Hub](#)



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Showcase of the month



New trends with Microsoft Technology

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Product Lifecycles

Acquisitions and Announcements

- [Products Reaching End of Support in 2023 - 2025](#)
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10 AI terms everyone should know

By Susanna Ray

The term "AI" has been used in computer science since the 1950s, but most people outside the industry didn't start talking about it until the end of 2022. That's because recent advances in machine learning led to big breakthroughs that are beginning to have a profound impact on nearly every aspect of our lives. We're here to help break down some of the buzzwords so you can better understand AI terms and be part of the global conversation.

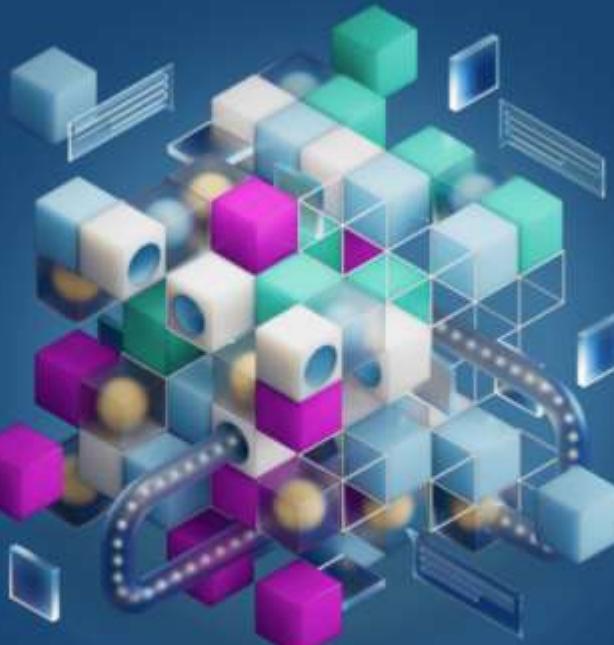
3. Large language models

Large language models, or LLMs, use machine learning techniques to help them process language so they can mimic the way humans communicate. They're based on neural networks, or NNs, which are computing systems inspired by the human brain — sort of like a bunch of nodes and connections that simulate neurons and synapses. They are trained on a massive amount of text to learn patterns and relationships in language that help them use human words. Their problem-solving capabilities can be used to translate languages, answer questions in the form of a chatbot, summarize text and even write stories, poems and computer code. They don't have thoughts or feelings, but sometimes they sound like they do, because they've learned patterns that help them respond the way a human might. They're often fine-tuned by developers using a process called reinforcement learning from human feedback (RLHF) to help them sound more conversational.



4. Generative AI

Generative AI leverages the power of large language models to make new things, not just regurgitate or provide information about existing things. It learns patterns and structures and then generates something that's similar but new. It can make things like pictures, music, text, videos and code. It can be used to create art, write stories, design products and even help doctors with administrative tasks. But it can also be used by bad actors to create fake news or pictures that look like photographs but aren't real, so tech companies are working on ways to **clearly identify** AI-generated content.



1. Artificial intelligence

Artificial intelligence is basically a super-smart computer system that can imitate humans in some ways, like comprehending what people say, making decisions, translating between languages, analyzing if something is negative or positive, and even learning from experience. It's artificial in that its intellect was created by humans using technology. Sometimes people say AI systems have digital brains, but they're not physical machines or robots — they're programs that run on computers. They work by putting a vast collection of data through algorithms, which are sets of instructions, to create models that can automate tasks that typically require human intelligence and time. Sometimes people specifically engage with an AI system — like asking Bing Chat for help with something — but more often the AI is happening in the background all around us, suggesting words as we type, recommending songs in playlists and providing more relevant information based on our preferences.

2. Machine learning

If artificial intelligence is the goal, machine learning is how we get there. It's a field of computer science, under the umbrella of AI, where people teach a computer system how to do something by training it to identify patterns and make predictions based on them. Data is run through algorithms over and over, with different input and feedback each time to help the system learn and improve during the training process — like practicing piano scales 10 million times in order to sight-read music going forward. It's especially helpful with problems that would otherwise be difficult or impossible to solve using traditional programming techniques, such as recognizing images and translating languages. It takes a huge amount of data, and that's something we've only been able to harness in recent years as more information has been digitized and as computer hardware has become faster, smaller, more powerful and better able to process all that information. That's why large language models that use machine learning — such as Bing Chat and ChatGPT — have suddenly arrived on the scene.

5. Hallucinations

Generative AI systems can create stories, poems and songs, but sometimes we want results to be based in truth. Since these systems can't tell the difference between what's real and fake, they can give inaccurate responses that developers refer to as hallucinations or confabulations — much like if someone saw what looked like the outlines of a face on the moon and began saying there was an actual man in the moon. Developers try to resolve these issues through "grounding," which is when they provide an AI system with additional information from a trusted source to improve accuracy about a specific topic. Sometimes a system's predictions are wrong, too, if a model doesn't have current information after it's trained.



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February 15-16, 2024



- Analyzing Active Directory with Bloodhound CE, Jupyter, and Python
- Graphing ransomware & data leak sites trends with Plotly
- Threat hunting in three dimensions
- Guardians of Identity: OKTA's underworld
- Hacking proprietary protocols with pandas
- Predicting Windows binary download links with Jupyter notebooks
- Comparison of collaboration methods between MSTICPy and Splunk SIEM
- Building a community around notebooks for DFIR and SecOps
- Building data-driven security tools with Streamlit
- Red teaming LLMs with Jupyter notebooks
- Automating adversary emulation
- Applying machine learning for C2 beaconing detection

[Research](#) [Threat intelligence](#) [Cybercrime](#) · 2 min read

Join us at InfoSec Jupyterthon 2024

By Microsoft Threat Intelligence



MOBILE WORLD CONGRESS 2024

Registration is now open for MWC Barcelona

26 - 29 February 2024
Fira Gran Via, Barcelona

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Barcelona and MWC – a special relationship

MWC's John Hoffman reflects on 18 years of innovation and success for a mutually beneficial public-private partnership.

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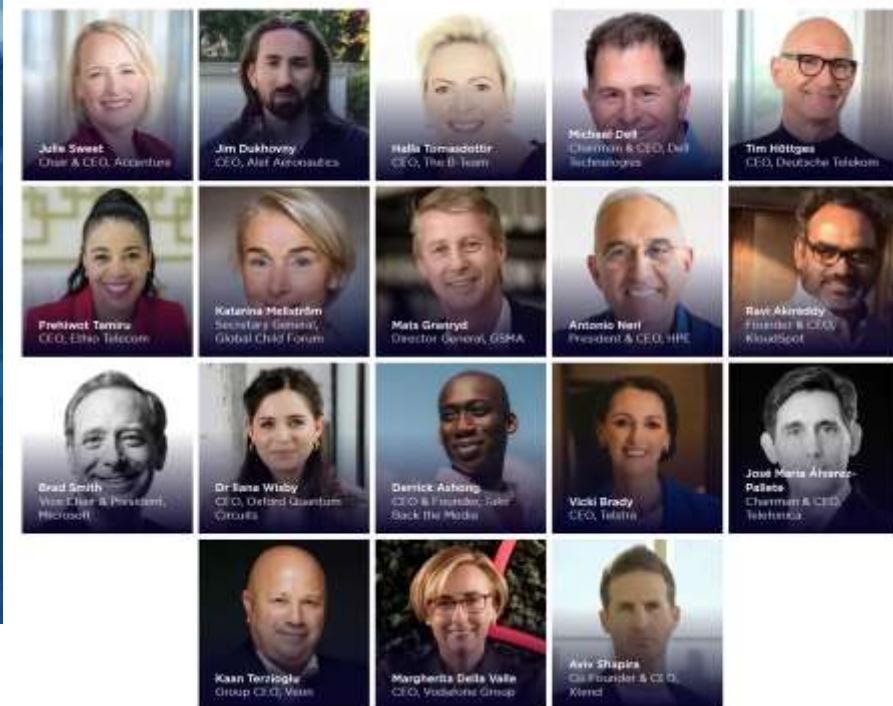
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A video player featuring Arun Ulag, CVP | Microsoft for Azure Data, speaking at the conference. The video is titled "Arun Ulag invites you to the First Annual Microsoft F...". Below the video, there is a play button and text indicating it can be watched on YouTube at [MFCOM](#). The video player has a teal footer bar with the text "#FABCON".

The First Annual Microsoft Fabric Community Conference

Join us at the first annual Microsoft Fabric Community Conference and see firsthand how Microsoft Fabric and the rest of the data and AI products at Microsoft can help your organization prepare for the era of AI. You'll hear from leading Microsoft and community experts from around the world and get hands on experiences with the latest features from **Microsoft Fabric, Power BI, Databases, Azure AI, Microsoft Purview**, and more.

Register today to immerse yourself in the future of data and AI and connect with thousands of data innovators like yourself eager to share their insights.

MGM GRAND

3799 S. Las Vegas Blvd.
Las Vegas, Nevada

[Hotel information](#)

Security for all in the age of AI

Wednesday, March 13, 2024 | 9:00 AM-11:00 AM Pacific Time (UTC-7)

AI-powered innovations in cybersecurity are reshaping how businesses of every size—and across every industry—secure and protect their data. Join us at the second annual **Microsoft Secure** digital event to learn how to bring world-class threat intelligence, complete end-to-end protection, and industry-leading, responsible AI to your organization.

Register today to:

- Be among the first to hear about new products, capabilities, and offerings.
- Get demos on the latest AI-powered innovations.
- Learn from industry luminaries and influencers.

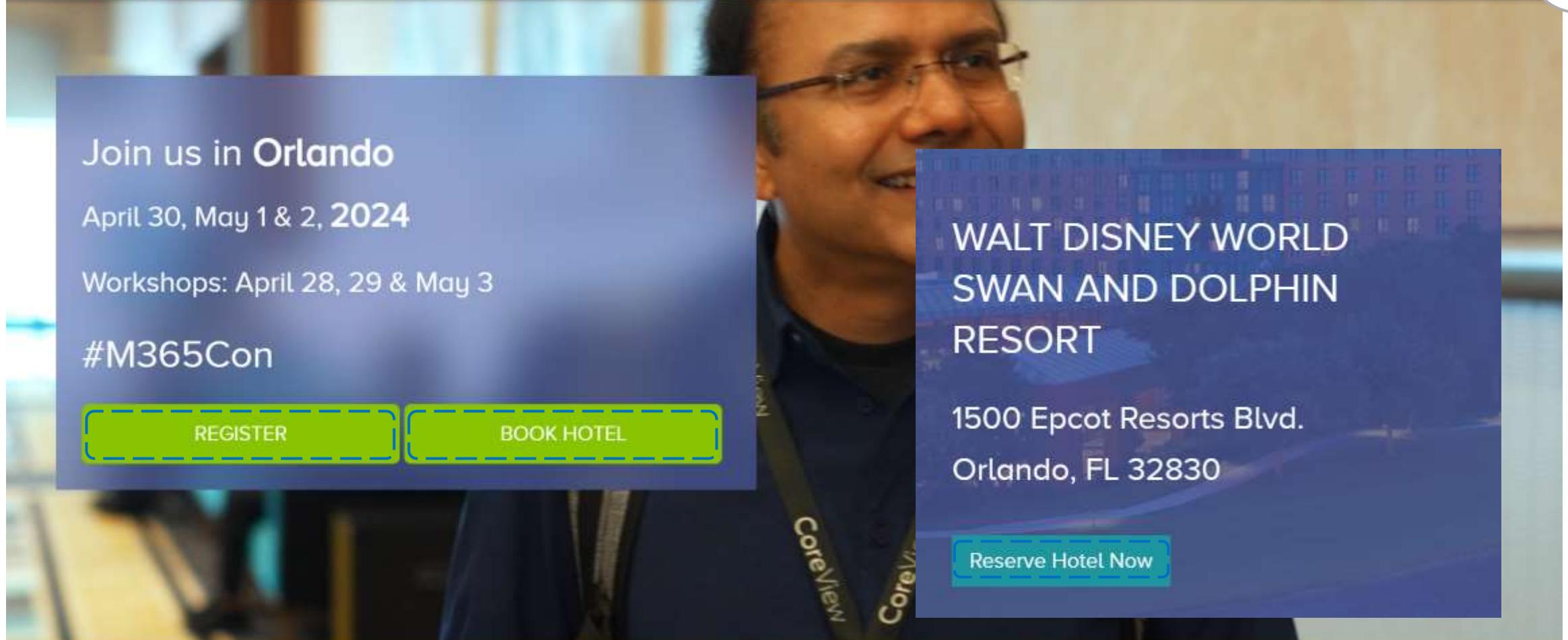
Register
now



Microsoft Secure

Security for all in the age of AI
Digital event / March 13, 2024





Join us in Orlando

April 30, May 1 & 2, **2024**

Workshops: April 28, 29 & May 3

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SPEAKERS

150

SESSIONS

150

WORKSHOPS

18

EXHIBITORS

50



May 6 - 9, 2024

San Francisco

Call For Submissions | Agenda | Passes | Networking | Expo & Sponsors | Programs | Health & Safety | Venue | On Demand

REGISTER

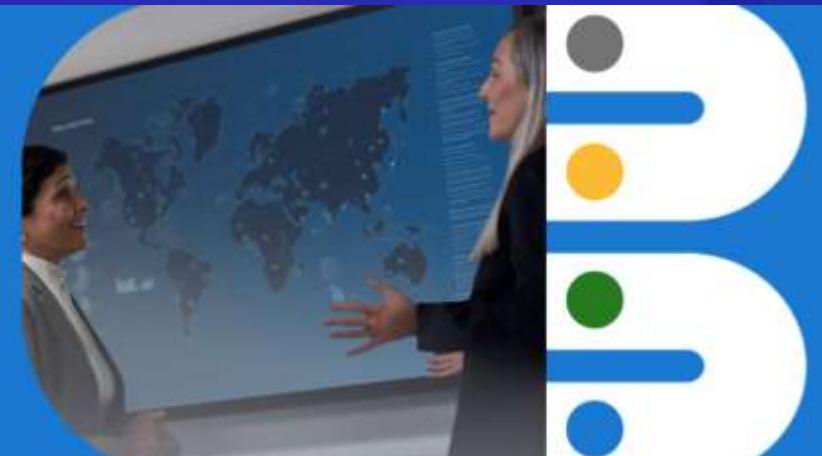
[HOME](#) > [2024 USA](#)

RSA Conference™ 2024 San Francisco

Moscone Center | May 6 - 9, 2024



**Microsoft Pre-Day at
RSA Conference™ 2024**



THE ART OF
POSSIBLE

Feedback



Microsoft Envision

The Tour

Join us for an exclusive one-day, in-person only event where you'll learn how to lead your organization in the era of AI. Connect with other forward-thinking senior leaders and experts to gain valuable insights to propel your business forward.

Register for a tour
location today



London, UK

October 18, 2023

[Register today >](#)



Mumbai, India

January 31, 2024

[Registration details coming soon](#)



Sydney, Australia

February 7, 2024

[Registration details coming soon](#)

Microsoft Envision



Mexico City, Mexico

February 20, 2024

[Registration details coming soon](#)



Paris, France

March 12, 2024

[Registration details coming soon](#)



Tokyo, Japan

March 14, 2024

[Registration details coming soon](#)

Oct 4, 2023 | [Judson Althoff - Executive Vice President and Chief Commercial Officer](#)

Microsoft Envision | The Tour: How to lead in the era of AI >



Microsoft AI Tour

Chart the course of the next technological era at one of our exclusive, one-day events. Fully harness the potential of AI by connecting with thought leaders, attending expert-led technical sessions, and more. Redefine what innovation means for you by unlocking the power of AI.

Register for a tour
location today



San Francisco, USA

For developers

January 11, 2024

[Register today >](#)



New York, USA

For developers

January 25, 2024

[Register today >](#)



Mumbai, India

For decision makers

January 31, 2024

[Register today >](#)



Sydney, Australia

For decision makers and
developers

February 7, 2024

[Register today >](#)



Bengaluru, India

For developers

February 8, 2024

*Registration details coming
soon*



Tokyo, Japan

For decision makers and
developers

February 20, 2024

[Register Today >](#)



Paris, France

For decision makers

March 12, 2024

[Register today >](#)



Paris, France

For developers

March 13, 2024

*Registration details coming
soon*



São Paulo, Brazil

For decision makers and
developers

March 21, 2024

*Registration details coming
soon*



Seoul, South Korea

For developers

April 30, 2024

*Registration details coming
soon*



This year's themes



AI

A new frontier in developer creativity.



Security

Proactive security, powered by AI.



DevEx

Welcome to your flow state.

Watch on demand

UNIVERSE 23

2024 Ticket Presale

October 29-30, 2024 - San Francisco, CA
Tickets 60% off until November 17, 2023



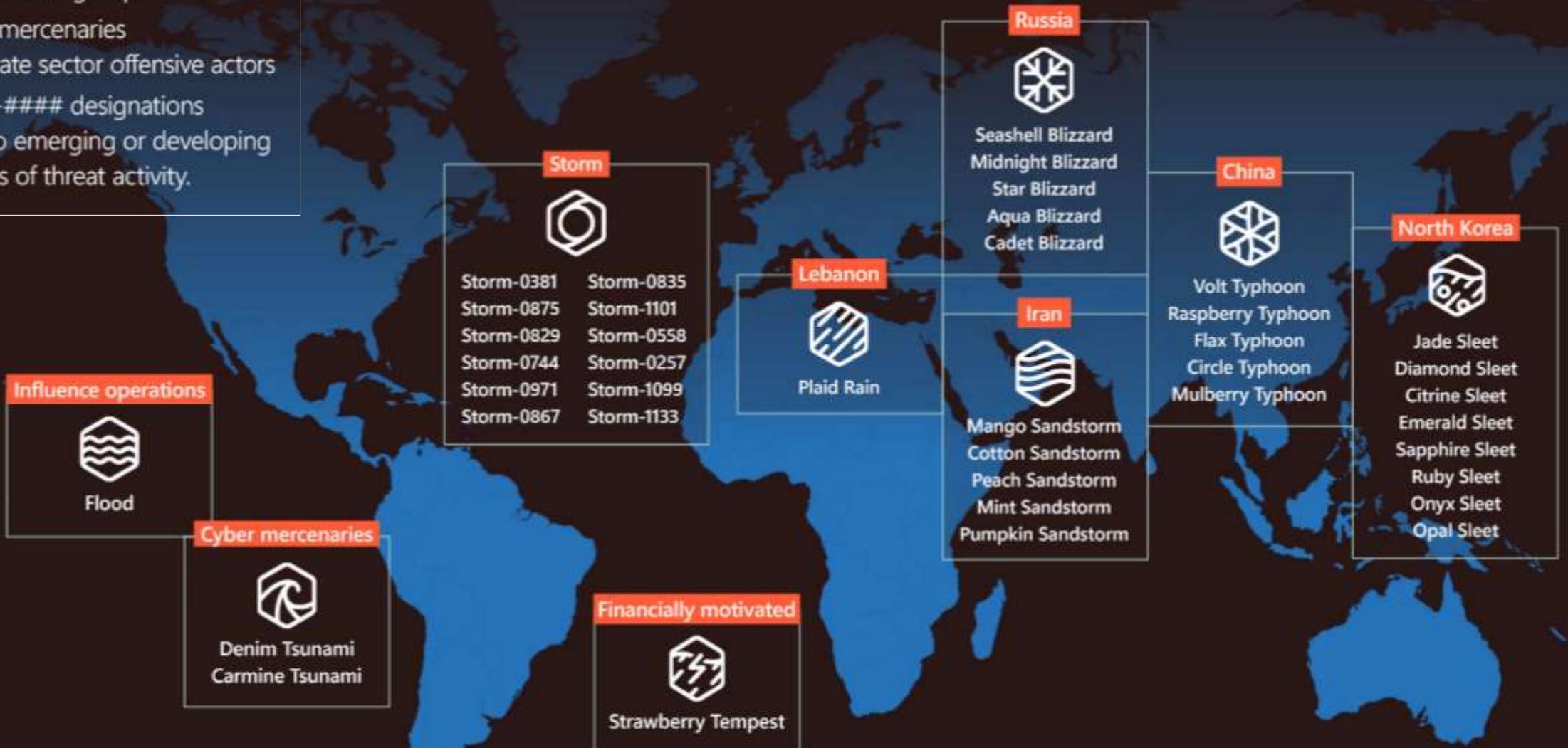
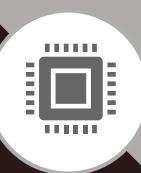
Updates of Security and Compliance



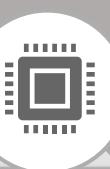
Tracked activity

- Nation-state actors
- Ransomware groups
- Cyber mercenaries
- or private sector offensive actors
- Storm-#### designations
refer to emerging or developing clusters of threat activity.

Microsoft :: Threat Intelligence Blog



Monitoring Global Threats: Microsoft :: Threat Intelligence Blog



Select a region ▾

Global threat activity

Countries or regions with the most malware encounters in the last 30 days

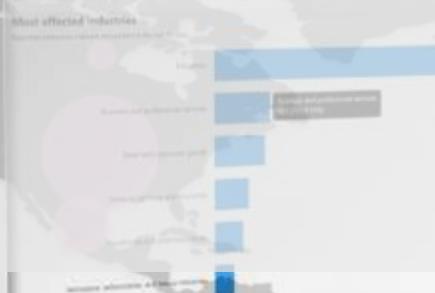
Most affected industries

Reported enterprise malware encounters in the last 30 days

Retail and consumer goods

Show all industries ▾

Devices with encounters:
918,892 (9.52%)



Microsoft Security Response Center

Retail and consumer goods ▾

Top threats:

HackTool:Win64/AutoKms
HackTool:Win32/AutoKMS
HackTool:Win32/AutoKMS!pz
HackTool:Win32/Keygen
Trojan:Win32/Wacatac.B!ml

Worldwide

86,271,387 devices with encounters

Top threats:

Trojan:Win32/Wacatac.B!ml
Trojan:Win32/Wacatac.H!ml
HackTool:Win32/AutoKMS!pz
PUAAdvertising:Win32/FlashHelper
PUA:Win32/Softcnapp

[Research](#) [Threat intelligence](#) [Microsoft Defender](#) [Threat actors](#) · Jan 17 · 8 min read

New TTPs observed in Mint Sandstorm campaign targeting high-profile individuals at universities and research orgs >

Since November 2023, Microsoft has observed a distinct subset of Mint Sandstorm (PHOSPHORUS) targeting high-profile individuals working on Middle Eastern affairs at universities and research organizations in Belgium, France, Gaza, Israel, the United Kingdom, and the United States. In this campaign, the threat actor used bespoke phishing lures in an attempt to socially engineer targets into downloading malicious files.

[News](#) [Incident response](#) [Microsoft Entra](#) · Jan 17 · 5 min read

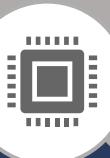
New Microsoft Incident Response guides help security teams analyze suspicious activity >

Access the first two cloud investigation guides from Microsoft Incident Response to improve triage and analysis of data in Microsoft 365 and Microsoft Entra ID.

[Research](#) [Threat intelligence](#) [Microsoft Defender](#) [Threat actors](#) · Jan 25 · 10 min read

Midnight Blizzard: Guidance for responders on nation-state attack >

The Microsoft security team detected a nation-state attack on our corporate systems on January 12, 2024, and immediately activated our response process to investigate, disrupt malicious activity, mitigate the attack, and deny the threat actor further access. The Microsoft Threat Intelligence investigation identified the threat actor as Midnight Blizzard, the Russian state-sponsored actor also known...



Microsoft Digital Defense Report 2023

How we're building and improving Cyber Resilience

[Download the report](#)

[Download the executive summary](#)

[Best practices](#) [SIEM and XDR](#) [Microsoft Sentinel](#) · Jan 16 · 5 min read

Unified security operations with Microsoft Sentinel and Microsoft Defender XDR >

A unified security operations center (SOC) platform that combines all the benefits of multiple security tools offers several advantages. Read on for three of them.

[Best practices](#) [Identity and access management](#) [Microsoft Entra](#) · Jan 10 · 9 min read

5 ways to secure identity and access for 2024 >

To confidently secure identity and access at your organization, here are five areas Microsoft recommends prioritizing in the new year.

[Events](#) [AI and machine learning](#) [Microsoft Copilot for Security](#) · Feb 1 · 6 min read

Connect with Microsoft at these cybersecurity events in 2024 >

Cybersecurity professionals, business decision makers, and developers involved in cybersecurity have many industry events to choose from. But with all the possibilities, they may be unsure of which one is right for them. Read on for recommendations based on your role.

[Events](#) [AI and machine learning](#) [Microsoft Purview eDiscovery](#) · Jan 18 · 5 min read

Microsoft at Legalweek: Secure data and gain efficiencies with Microsoft Purview eDiscovery enhanced by generative AI >

Microsoft solutions can ease some of the top challenges of legal professionals. Read on for two advantages of the combination of Microsoft Purview eDiscovery and generative AI, and explore opportunities to connect with us at Legalweek.

[Best practices](#) [Identity and access management](#) [Microsoft Entra ID](#) · Jan 24 · 4 min read

How Datawiza uses Microsoft Entra ID to help universities simplify access >

Datawiza helps Claremont Graduate University enable Microsoft Entra ID multifactor authentication and single sign-on for Oracle PeopleSoft, streamlining and improving the student experience.

[News](#) [Identity and access management](#) [Microsoft Entra Verified ID](#) · Feb 6 · 4 min read

Microsoft Entra Verified ID introduces Face Check in preview >

Face Check is now in preview in Microsoft Entra Verified ID, unlocking high-assurance verifications for enterprises securely, simply, and at scale.



Microsoft 365 update information

Copilot available for everyone



We're bringing Copilot to more people and businesses

Copilot Pro launched for consumers; Copilot for Microsoft 365 expands availability

Copilot Pro provides:

1. A single AI experience that runs across your devices, understanding your context on the web, on your PC, across your apps and soon on your phone to bring the right skills to you when you need them.
2. Access to Copilot in Word, Excel^[i], PowerPoint, Outlook, and OneNote on PC, Mac and iPad for Microsoft 365 Personal and Family subscribers.
3. Priority access to the very latest models – starting today with OpenAI's GPT-4 Turbo. With Copilot Pro you'll have access to GPT-4 Turbo during peak times for faster performance and, coming soon, the ability to toggle between models to optimize your experience how you choose.
4. Enhanced AI image creation with Image Creator from Designer (formerly Bing Image Creator) – ensuring it's faster with 100 boosts per day while bringing you more detailed image quality as well as landscape image format.
5. The ability to build your own Copilot GPT – a customized Copilot tailored for a specific topic – in our new Copilot GPT Builder (coming soon) with just a simple set of prompts.

	For Individuals	For Organizations
	Copilot	Copilot Pro
Foundational Capabilities		
Web Grounding	•	•
Commercial Data Protection	•	•
Priority Model Access		•
Copilot in Outlook, Word, Excel, PowerPoint, and OneNote		•
Copilot in Teams		
Microsoft Graph Grounding		
Enterprise-Grade Data Protection		
Customization		
		Copilot GPT Builder
		Copilot Studio

For Copilot Pro, a Microsoft 365 Personal or Family subscription is required to access Copilot in Word, Excel, PowerPoint, Outlook, and OneNote on PC, and soon on Mac and iPad. Commercial Data Protection applies when users are signed into their work account using their organization's Azure AD.



Copilot (Web)



interaction with web content

Copilots for Web

M365 Copilot



Word, Outlook, Excel,
PowerPoint, Teams

Copilot for Productivity

Windows Copilot



interaction with OS,
apps, and files

Copilot for Everyday

Designer



digital creations

Copilot for Creativity

Azure



Azure platform operations
and optimizations

Copilot for Cloud

Fabric Copilot



data analytics and
business intelligence

Copilots for Analytics

Power BI



Unlock your insights

Security Copilot



threat detection,
identification, and mitigation

Dynamics Copilot



sales and customer
support

GitHub Copilot



code development

Power Platform



creation of apps,
and workflows

Copilot Studio



creation of your agents

Custom Copilot



Create your
own copilot

Copilot for Dashboard

Copilot for Security

Copilots for Business

Copilot for Low/No Code Development



Extend your M365Copilot

AI Platform

Amplify human ingenuity with a copilot for everyone



Solution Area	Copilot	Availability	Info	Demo
Modern Work	Microsoft 365 Copilot (And associated copilot functionality)	Not available for Edu	LINK LINK	Outlook: LINK Teams: LINK PowerPoint: LINK Word: LINK Excel: LINK
	Microsoft Copilot	Generally Available Dec 2023	LINK	LINK
	Windows Copilot	Public Preview	LINK	LINK
	Copilot in Power Apps	Public Preview	LINK	LINK
	Copilot in Power Automate	Public Preview	LINK	LINK
	Copilot in Power Virtual Agents	Generally Available	LINK	LINK
	Copilot in Power Pages	Private Preview		
	Microsoft Sales Copilot	Generally Available Q1 2024	LINK	LINK ; Guided: LINK
	Microsoft Service Copilot	Generally Available Q1 2024	LINK	LINK
	Copilot in Dynamics 365 Customer Service	Generally Available Dec 2023	LINK	LINK
Business Applications	Copilot in Dynamics 365 Field Service	Public Preview	LINK	LINK ; Guided: LINK
	Copilot in Dynamics 365 Customer Insights	Public Preview	LINK	Guided 1: LINK ; Guided 2: LINK
	Copilot in Dynamics 365 Business Central	Public Preview	LINK	LINK
	Copilot in Dynamics 365 Supply Chain Center	Public Preview	LINK	LINK

Last updated 23/1/2024. Use info links provided for latest availability status.

Amplify human ingenuity with a copilot for everyone



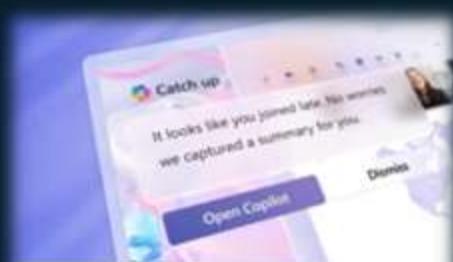
Solution Area	Copilot	Availability	Info	Demo
Digital & App Innovation	Microsoft Copilot on Azure	Private Preview (Sign Up)	LINK	
	GitHub Copilot	Generally Available	LINK	LINK
	GitHub Copilot X	Private Preview	LINK	LINK
Data & AI	Copilot stack with Azure AI	Generally Available	LINK	LINK
	Copilot in Power BI	Private Preview (sign up)	LINK	LINK
	Copilot in Microsoft Fabric	Public Preview	LINK	LINK
Security	Security Copilot	Private Preview	LINK	LINK



February 1, 2024 · 6 min read [read](#)

Microsoft Copilot for Sales and Copilot for Service are now generally available [>](#)

[Read more >](#)



January 31, 2024 · 1 min read [read](#)

The right way to AI: what we're learning from customers [>](#)

[Read more >](#)



Microsoft Copilot Studio

Customize Microsoft Copilot for Microsoft 365 or build your own copilot experiences.



Customize Copilot for Microsoft 365

Enable greater control and efficiency by authoring responses to predictable scenarios within Copilot for Microsoft 365.



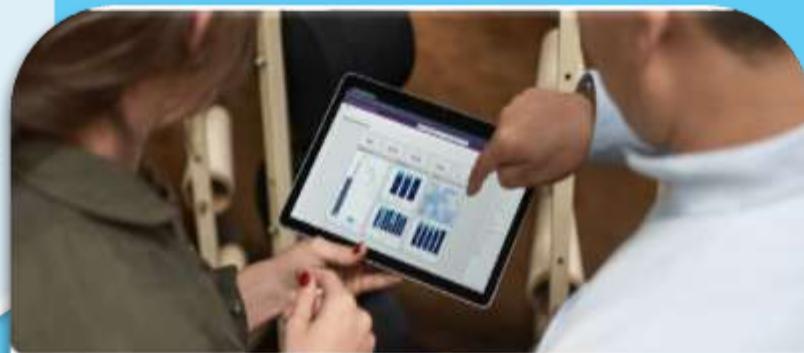
Create custom copilots

Incorporate your data and plugins for engaging interactions in the places that matter the most.



Use one connected platform

Copilot Studio is built on the foundations of leading conversational AI technologies including Power Virtual Agents, and is interoperable with Azure AI Studio and more.



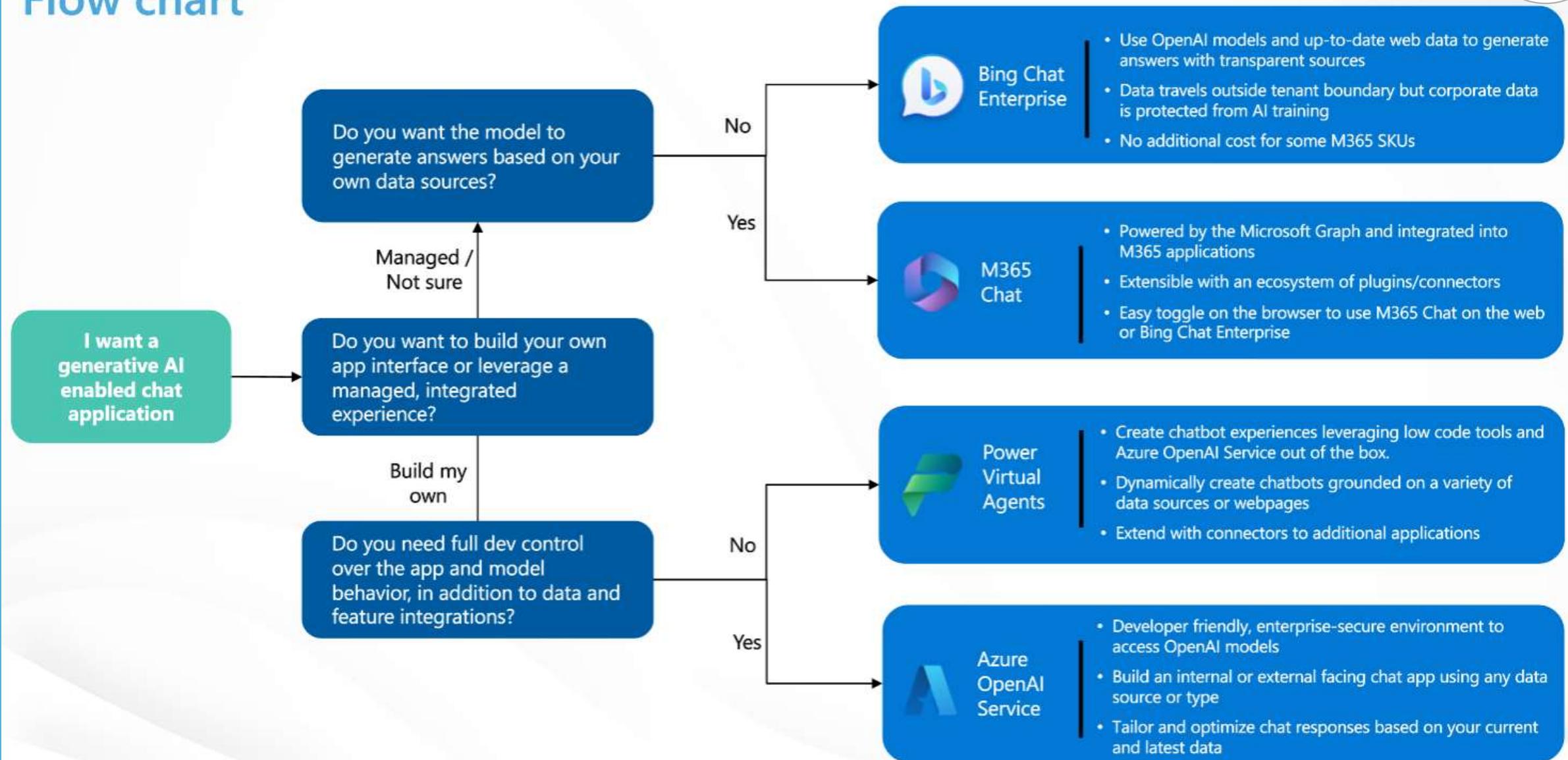
Documentation

See how to get started using Microsoft Copilot Studio in your organization.



Generative AI chat offerings with Microsoft

Flow chart

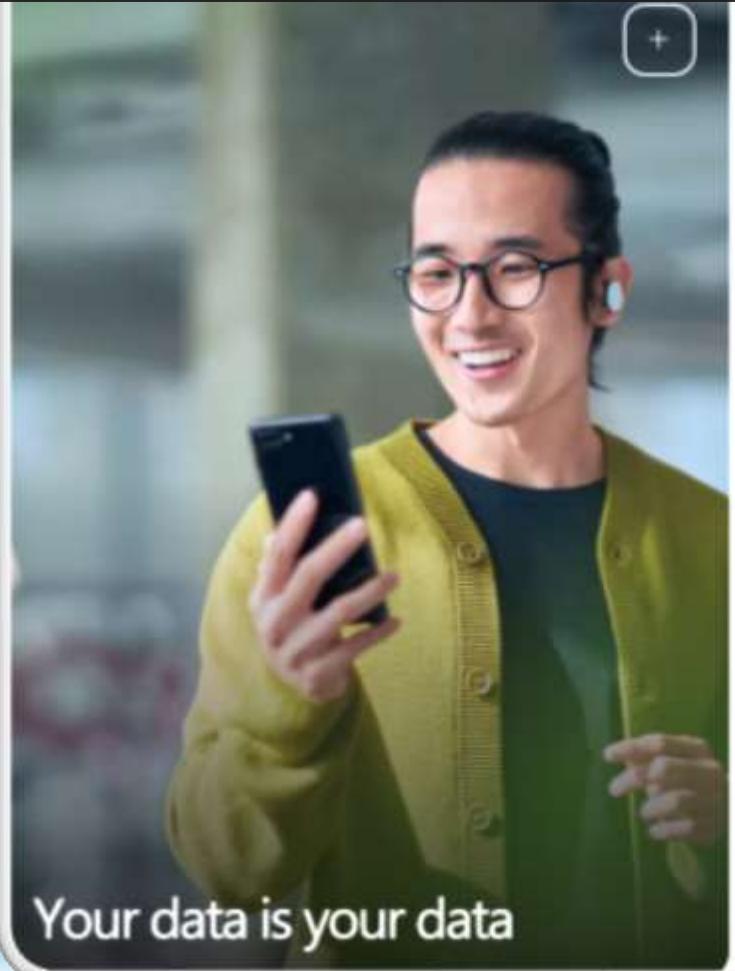


Microsoft AI runs on Trust



Responsible AI

We are committed to the advancement of AI driven by ethical principles that put people first.



Your data is your data

A close-up portrait of a woman with curly, reddish-brown hair, looking slightly to the side with a neutral expression. The background is dark and out of focus.

Your fine-tuning data is only used to train AI for your use

Putting principles into practice at Microsoft

We are committed to making sure AI systems are developed responsibly and in ways that warrant people's trust.

A close-up portrait of a person with short, light-colored hair, smiling broadly. The background is a warm, orange-red gradient.

Your data is protected at every step

What's New in Microsoft 365

[M365 Blog](#) and [Microsoft-365 Product Blog](#) :: Covering Office 365, Enterprise Mobility + Security and Windows

- ❖ [What's new in Intune :: January 2024 Edition](#)
- ❖ [Snipping Tool and Notepad updates begin rolling out to Windows Insiders](#)
- ❖ [New Microsoft 365 Document Collaboration Partner Program](#)
- ❖ [Network provider connectivity attribution](#)
- ❖ [Windows IT Pro Blog](#)
- ❖ [Microsoft Entra \(Azure AD+\) Blog](#)
- ❖ [Microsoft OneDrive Blog](#)
- ❖ [Microsoft SharePoint Blog](#)
- ❖ [M365 Technical Documentation](#)

Announcing Microsoft 365 apps available on Apple Vision Pro

Gabo on Jan 31 2024 10:00 AM

Experience your favorite Microsoft 365 apps on Apple Vision Pro

Visualize Entra Sign-in Logs using an Interactive Map

timurengin on Jan 16 2024 09:00 AM

Learn how to gain more effective insights into geographical data with Azure Data Explorer.

Advancing key protection in Windows using VBS

emilyzhang on Feb 08 2024 10:16 AM

Find out how to protect your keys on Windows with virtualization-based security (VBS) through the NCrypt API.

Introducing More Granular Certificate-Based Authentication...

Alex Weinert on Jan 30 2024 09:04 AM

Grant access to specific resources based on the certificate issuer or policy OIDs.

Microsoft 365 roadmap

Get the latest updates on our best-in-class productivity apps and intelligent cloud services. Rethink productivity, streamline business processes, and protect your business with Microsoft 365.

[Using this roadmap](#)

[Roadmap improvements](#)



Outlook: Support for Exchange On-Premises Servers	Rollout Start: July 2024
SharePoint: Microsoft 365 Archive for Sites	Preview Available: November 2023 Rollout Start: March 2024
Visio: Containers in Visio for the web [Visio Plan 1, Plan 2]	Rollout Start: March 2024
Outlook: Online Archive for Shared Mailboxes	Preview Available: February 2023 Rollout Start: March 2024
Microsoft Purview compliance portal: Communication Compliance - Empower end users to report inappropriate posts and comments in Viva Engage	Rollout Start: March 2024
Outlook: New search UI for contacts and global address list	Rollout Start: March 2024
Microsoft Purview compliance portal: Insider Risk Management - Sequence detections for obfuscation involving excluded events	Preview Available: September 2023 Rollout Start: February 2024
Microsoft Purview compliance portal: Ability to change retention period on labels set to start retention based on "When items were labeled"	Rollout Start: February 2024
Microsoft Teams: Deploy your frontline operational hierarchy in the Teams Admin Center	Rollout Start: February 2024
Microsoft Viva: Microsoft 365 Groups connected Viva Goals Teams	Rollout Start: February 2024
Microsoft Teams: Teams Connect chat enhancements	Rollout Start: February 2024
Microsoft Teams: Meeting participants time-zone	Rollout Start: February 2024
Microsoft Teams: Meeting "Recording & Transcription" tab will be replaced by "Recap" tab	Rollout Start: February 2024
Outlook: Global Address List updates in new Outlook for Windows and Outlook on the Web	Rollout Start: February 2024
Outlook: OneDrive for Business Opens in-app for Outlook on the web	Preview Available: January 2024 Rollout Start: February 2024
Outlook: Coaching by Copilot in classic Outlook for Windows	Rollout Start: February 2024
Microsoft Teams: Meeting options updates for Webinars	Rollout Start: February 2024
Microsoft Teams: Registration Form Updates in Webinars	Rollout Start: February 2024
Microsoft Teams: Meeting options updates for town halls	Rollout Start: February 2024
Microsoft Teams: Hide general channel	Rollout Start: February 2024



Microsoft Teams Blog:



What's New in Microsoft Teams | January 2024

What's New in Microsoft Teams | January 2024

Steve Stein on Jan 31 2024 08:01 AM

In our January 2024 edition of What's New in Microsoft Teams, we are highlighting 33 new features and enhancements to Mi...

New for This Month:

- Mesh in Microsoft Teams
- Intelligent recap included with Copilot for Microsoft 365 license
- Decorate your background
- People specific link support for Collaborative notes
- Automatically view up to 9 videos (3x3) in Teams meetings in Chrome and Edge
- Simplified audio and video controls

Chat and Collaboration:

- Forward chat messages

Virtual Appointments

- Assign staff and set duration for on-demand Virtual Appointments
- SMS notifications in Virtual Appointments template

Teams Phone, Rooms, and Devices:

- [New partner integrations for Teams Phone contact center](#)
- [Newly certified for Teams AVer VB350](#)
- [Newly certified for Teams Lenovo ThinkSmart 180](#)
- [AudioCodes RXV200-B20 bundle](#) is now certified for Teams
- [AudioCodes RXVCam10-CC](#)
- Management of BYOD (Bring your own device) meeting spaces with Teams Rooms Pro Management
- New Shared display mode for BYOD meeting rooms

New partner-provided calling solutions are available for...

DanielaChacron on Feb 05 2024 08:00 AM

Each month, over 17 million users worldwide rely on Teams Phone for smart, seamless, and secure communication and collab...

Mobile:

- Updates to mobile in-call user experience
- Live meeting status for mobile
- Play Azure protected voicemail in mobile Teams app

Collaborative Apps:

- [1Page app](#)
- [Calm for Microsoft Teams](#)
- [Planning for Educators](#)
- [SYNQ Frontline Hero](#)



Microsoft Teams available on Apple Vision Pro on February 2

Lori.Craw on Jan 31 2024 10:00 AM

We are excited to announce that Microsoft Teams will be available on the new Apple Vision Pro when it launches on Februa...

Administration and Security:

- Configure maintenance window for Teams devices
- Extended real-time telemetry retention for up to 7 days
- External domain activity report in Teams admin center
- Watermark support for recording playback
- New meeting option and meeting policy: 'Turn off copying or forwarding of meeting chat'
- [Enabling and securing Microsoft Teams meeting data...](#)

Frontline Workers:

- Walkie Talkie: Automatically listen to multiple channels
- [Allow frontline teams to set their shift availability for specific dates](#)



Microsoft Viva: & Viva Blog:

The employee experience platform for the new world of work



Microsoft Viva Connections



Microsoft Viva Engage



[Viva Amplify](#)



Microsoft Viva Insights



[Viva Pulse](#)



[Viva Glint](#)



Microsoft Viva Goals



Microsoft Viva Learning



Microsoft Viva Topics



Microsoft Viva Sales

Employee
Communication
& Communities

Workplace Analytics
& Feedback

Goal Setting &
Management

Learning and
Knowledge Management

Customer &
Sales Insights

[Network Analytics available now in Viva Engage](#)

Gwen on Feb 09 2024 08:00 AM

Network Analytics provides an at-a-glance overview of your organization's top engagement trends across the entire network...

["Copilot, help set my New Year's goals": Using Viva Goals...](#)

Kate Anderson on Jan 09 2024 08:00 AM

Viva Goals is Microsoft's solution for creating, managing, and tracking organizational goals.

[New Viva Connections Desktop experience is now available...](#)

Vesa Juvonen on Jan 30 2024 03:21 AM

We are excited to announce new Viva Connections Desktop experience worldwide. This update will provide you more options ...



[Late January 2024 Viva Glint newsletter](#)

Explore what's new and upcoming with Viva Glint!

[Viva People Science Industry Trends: Retail](#)

kateeneeney on Jan 18 2024 08:00 AM

Welcome to the fourth edition of Microsoft Viva People Science industry trends, where the Viva People Science team share...

[Copilot in Viva Engage is now in Public Preview](#)

kristikelly on Jan 17 2024 09:53 AM

The public preview of Copilot in Viva Engage is now available! Copilot helps you get the most out of Viva Engage by sugg...



[What's new in Viva Insights - January 2024](#)

New features include Teams channel metrics, partitions, and a pow...

Microsoft Power Platform :: Power Platform Blog

ANNOUNCEMENTS FEATURES

Microsoft Fabric is now HIPAA compliant



Kimberly Williams

January 31, 2024

[Share](#) [Tweet](#) [Like](#)

We are excited to announce that Microsoft Fabric, our all-in-one analytics solution for enterprises, has achieved [new certifications](#) for **HIPAA** and ISO 27017, ISO 27018, ISO 27001, ISO 27701. These certifications demonstrate our commitment to providing the highest level of security and privacy for our customers' data.

[Building new apps and tables with Maker Copilot is now available in 8 languages worldwide](#)



Frank Lau, Principal Product Manager, Tuesday, February 6, 2024

We are excited to announce that the Build apps through conversation capability is now available in 8 languages on [make.powerapps.com](#): English, Dutch, French, German, Italian, Japanese, Portuguese (Brazil), Spanish. The Copilot banner and "Describe a new table" options are visible to users who have set their language to one of the supported languages.

How early adopters are transforming their organizations with copilots



Pawan Taparia, Thursday, January 18, 2024

Learn more about some early adopters who are transforming their organization with copilots built using Copilot Studio.

[Read more](#)



Visit our product blogs

[Power BI](#)

[Power Automate](#)

[Power Virtual Agents](#)

[Power Apps](#)

[Power Pages](#)

[General availability of Secure Implicit Connections](#)



Lance Delano, Principal Program Manager, Thursday, February 1, 2024

Power Apps secure implicit connections now generally available.

[Read more](#)

[VNet Data Gateway for Fabric and Power BI is now Generally Available](#)

Announcements

Paginated Reports

Power BI

Semantic model

February 1, 2024 by [Nikki Waghani](#)

We are excited to announce that the VNet Data Gateway is now GA! Read the blog to find out more and get started using the VNet Data Gateway to secure your production workloads.

[Custom processing for invoice and document field types generally available](#)

Gwenael Begg, Group Product Manager - AI Builder, Tuesday, February 6, 2024

We're thrilled to share that AI Builder's latest capabilities, which include automated custom invoice processing and the extraction of dates and numerical field types from documents, are officially available. These enhancements aim to streamline the configuration of bespoke AI models for automated data extraction from invoices and to enhance the precision of processing both structured and unstructured documents.

[Read more](#)

Power Platform and Dynamics



Business Decision Makers

Analyst reports

Dynamics 365 Field Service

• Feb 5 • 6 min read

Forrester study finds 346% ROI when modernizing service operations with Dynamics 365 Field Service >

According to our Forrester Consulting study, software that helps organizations improve field service delivery can improve financial performance in two ways: by helping improve customer retention and expansion by exceeding service expectations, and by increasing productivity. We are pleased to share the results of a December 2023 Forrester Consulting Total Economic Impact™ (TEI) Study commissioned by Microsoft.



Trigger a flow with a Power BI data-driven alert

By Microsoft

Automated
150646



Send an email to responder when response submitted in Microsoft Forms

By Microsoft Power Automate Community

Automated
408171



IT Professionals

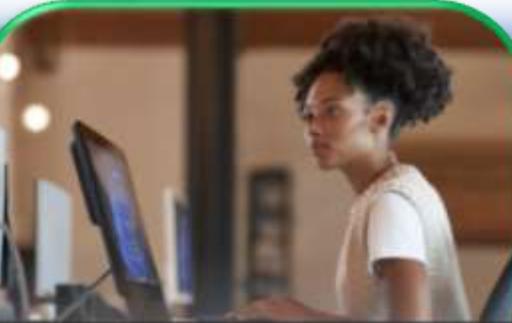
News and product updates

Dynamics 365 Customer Service

• Jan 15 • 2 min read

Announcing automatic Copilot enablement in Customer Service >

Starting January 19, 2024, Microsoft Copilot in Dynamics 365 Customer Service will be automatically installed and enabled in your Dynamics 365 Customer Service environment.



IT Professionals

News and product updates

Dynamics 365 Human Resources

• Feb 8 • 1 min read

Manage time off requests with Human Resources app for Microsoft Teams >

We are announcing the public preview of the Human Resources app for Dynamics 365 Human Resources on Finance and Operations environments.



Save Office 365 email attachments to specified OneDrive for Business folder

By Microsoft Power Automate Community

Automated
245326

Roadmaps and Release plans:

[Business Decision Makers](#) • Feb 01 • 6 min read

Microsoft Copilot for Sales and Copilot for Service are now generally available >

Microsoft is dedicated to helping organizations transform the way people work using secure, enterprise-grade AI capabilities, no matter which business applications teams depend on. Starting today, you can seamlessly integrate role-specific Copilot capabilities into Microsoft 365 applications and popular customer relationship management (CRM) and contact center systems for sales and customer service professionals.

IT Professionals

Tips and guides

Dynamics 365 Sales

• Jan 30 • 5 min read

Support parallel working with multiple sequences in Dynamics 365 Sales >

A guide for sales managers and sellers who want to improve their customer engagement and collaboration with multiple sequences now available across Dynamics 365 Sales.

Developer and GitHub

GitHub Blog and Changelog

- [Copilot in GitHub Support :: Generally Available](#)
- [Secret scanning adds validity checks for Stripe, Telegram, SendGrid, and more](#)
- [Code scanning can now be enabled on repositories before they contain CodeQL supported languages](#)
- [GitHub Actions: macOS 14 \(Sonoma\) :: Generally Available](#)
- [Dependabot Version Updates Support devcontainers](#)
- [Copilot Content Exclusions Feature Update](#)
- [GitHub Actions – Repository Actions Runners List :: Generally Available](#)
- [Global Code Search on GitHub Mobile :: Generally Available](#)
- [Code scanning: deprecation of CodeQL Action v2](#)



Microsoft Developer Blogs:

- [A Look Back: Visual Studio's Profiling Tool Advancements in 2023](#)
- [Spring 2024 roadmap for Semantic Kernel](#)
- [Introducing API-based message extensions in Microsoft Teams Developer Portal](#)
- [Using AI for Content Moderation with Azure SQL Database](#)
- [Code Faster and Better with GitHub Copilot's New Features: Slash Commands and Context Variables](#)
- [Building AI-powered Microsoft Copilot with SignalR and other open-source tools](#)
- [Introducing the MTest Runner – CLI, Visual Studio, & More](#)
- [Regenerating secrets for Azure DevOps OAuth applications](#)

AppSec is harder than you think. Here's how AI can help.

In practice, shifting left has been more about shifting the burden rather than the ability. But AI is bringing its promise closer to reality. Here's how.

Eric Tooley February 6, 2024

Release Radar - January 2024 Edition

Get excited for this month's Release Radar. Maintainers were hard at work this past month, shipping major updates for you all. Read on for our top staff picks.

Michelle Manning February 1, 2024

GitHub's Engineering Fundamentals program: How we deliver on availability, security, and accessibility

The Fundamentals program has helped us address tech debt, improve reliability, and enhance observability of our engineering systems.



Deepthi Rao Coppisetty February 8, 2024

10 unexpected ways to use GitHub Copilot

Github Copilot is widely known for its code generation feature. Learn how the AI assistant's abilities can extend beyond just code generation.

Kedasha Kerr January 22, 2024

Get started with v4 of GitHub Actions Artifacts

We listened to your feedback and released new versions (v4) of actions/upload-artifact and actions/download-artifact. While this version of the actions to upload and download artifacts includes up to 10x performance improvements and several new features, there are also key differences from previous versions that may require updates to your workflows.



Konrad Pabjan & Rob Herley February 12, 2024

The architecture of SAST tools: An explainer for developers

More developers will have to fix security issues in the age of shifting left. Here, we break down how SAST tools can help them find and address vulnerabilities.



Nicole Choi February 12, 2024

A developer's second brain: Reducing complexity through partnership with AI

As we look to empower developers with AI tools, we inadvertently integrate AI deeper into the way developers work. How do developers feel about that? And what are the most impactful ways to introduce more AI into workflows? We recently conducted 25 in-depth interviews with developers to understand exactly that.

Eirini Kalliamvakou January 17, 2024



Office Developer Blogs and Microsoft 365 Dev Center



SharePoint now supports delegated Sites.Selected authentication

SharePoint now supports delegated Sites.Selected authentication

February 9, 2024



Patrick Rodgers

Today, we are excited to introduce support for delegated Sites.Selected scenarios.

Microsoft Graph Toolkit 4.0 is now generally available

Microsoft Graph Toolkit v4.0 is now generally available

February 8, 2024



Sébastien Leveret

This release is packed with new capabilities, improvements to the developer experience, and bug fixes that will be appreciated by end-users.

Now available
Microsoft Graph Java SDK v6 helps you write simpler, faster, more accurate code

Microsoft Graph Java SDK v6, now generally available, helps you write simpler, faster and more accurate code

February 7, 2024



Maisa Rissi

Explore how you can connect to Microsoft Graph API and access data from Microsoft 365 services with less code and more features.

Introducing
Microsoft Mesh

Now available!

Microsoft Mesh: Now available for creating innovative multi-user 3D experiences for the workplace

February 7, 2024



Tyler Adams, Desirée Lockwood

Microsoft Mesh is now generally available, providing a new 3D immersive experience for the workplace.

Now available
Microsoft Graph APIs for Microsoft Teams meeting recordings

Announcing general availability of Microsoft Graph APIs for Microsoft Teams meeting recordings

February 2, 2024



Ayan Chakraborty

Microsoft Graph APIs for retrieving Microsoft Teams meeting recordings enable app developers to retrieve meeting recordings programmatically for scheduled calendar meetings.

Global Developer Updates and Bootcamps :: M365 Developer Blog :: Office Developer :: DevBlog

- [Make your Office Add-in successful by harnessing free Microsoft Partner programs!](#)
- [RSC with Graph API](#)
- [Microsoft JDConf 2024 Announces Keynote Speaker and Breakout Sessions – Java, Cloud and AI](#)
- [How SharedTree supercharges and simplifies Fluid Framework 2.0](#)
- [General availability of Viva Connections extensibility with Bots](#)
- [A pro-code guide to build your custom copilot faster](#)
- [New Microsoft Graph callRecords API capabilities](#)

Build powerful applications for Office

Use the Office JavaScript API to extend functionality for Word, Excel, PowerPoint, and Outlook.

[Learn more about Office Add-ins](#)



Design beautiful user experiences using Fluent UI

[Get started >](#)



Enrich your app with data and intelligence from Microsoft Graph

[Get started >](#)



AI Guide Dog: How Technology Boost Accessibility

RieMoriguchi on Feb 06 2024 12:00 AM

Exploring the cloud-based AI Guide Dog prototype and Azure MVP Ejoe Tso's inclusive mindset.

New trends with Microsoft Technology

Updates from Microsoft Industry Blogs



[Retail](#) • Feb 8 • 3 min read

Unleashing the power of AI and unified data with Microsoft Cloud for Retail and Sitecore >

With retail data solutions in Microsoft Fabric, we are giving customers a single place for all their data analytics. Providing a platform for partners such as Sitecore to connect and build on, helping retailers overcome data incompatibility, and unlock new capabilities in Microsoft Cloud for Retail.

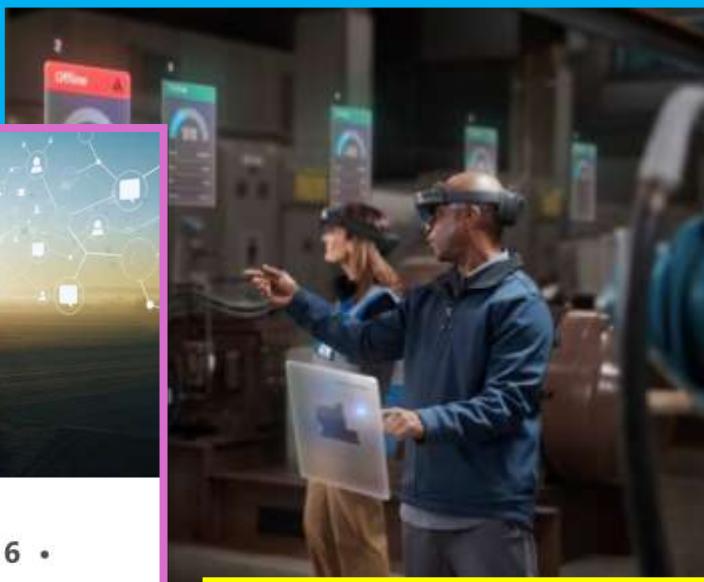


[Telecommunications](#) • Feb 6 •

3 min read

MWC Barcelona 2024: Accelerating telco transformation in the era of AI >

Microsoft is excited to return to MWC Barcelona on February 26, 2024 to February 29, 2024. With an approach rooted in partnership, we look to inspire and enable telco transformation at the world's largest and most influential connectivity event.



January 31, 2024 • 4 min read

Microsoft and the industrial metaverse are enabling and accelerating the energy transition >

The energy transition takes a global collaborative effort and Microsoft continues to work with energy customers and partners to provide innovative solutions that enable a net-zero carbon economy.

[Retail](#) • Jan 25 • 6 min read

Explore the latest release plans for Microsoft Industry Clouds >

New capabilities within the 2024 release wave 1 will be available from April 1, 2024, to September 30, 2024. This plan covers features for Microsoft Cloud for Retail, Azure Data Manager for Agriculture, Microsoft Cloud for Financial Services, Microsoft Cloud for Sustainability, Microsoft Cloud for Healthcare, and Microsoft Cloud for Nonprofit.

[Financial services](#) • Jan 29 • 5 min read

Driving AI transformation with the Microsoft commercial marketplace >

Check out some of the latest and most exciting AI-driven cloud solutions in our four-part blog series. All created by partners, they're available to try and buy right now at the Microsoft marketplace.



Microsoft Cloud for Sustainability

Record, report, and reduce your organization's environmental impact.

Emissions Impact Dashboard

Estimate your carbon emissions related to using Microsoft cloud services—including Azure and Microsoft 365—and make more data-driven decisions about cloud usage.

Emissions Impact Dashboard

Understand and help reduce your organization's environmental impact with the Emissions Impact Dashboard.

[Explore the dashboard >](#)

GHG emissions reporting training

Explore learning modules to measure and report greenhouse gas (GHG) emissions.

[Get started >](#)

Renewable energy procurement training

Find out how to build a roadmap to support your shift to renewable energy.

[Get started >](#)

Sustainability • Jan 30 • 5 min read

New ways to improve your circularity data with Microsoft Sustainability Manager >

Circularity is an important means of reducing waste and resource consumption by keeping materials, products, and services in use for as long as possible. To help organizations measure and report their circularity performance, Microsoft Sustainability Manager now includes circularity data ingestion.

Sustainability • Jan 16 • 4 min read

COP28: Expediting sustainability progress and growth with innovation and partnership >

Many conversations at COP28 emphasized three ways to drive business growth alongside sustainability progress—through AI innovation, harnessing ESG data to deliver actionable intelligence, and collaborating across industries and sectors.



Azure

Azure Updates

Azure Blog



AI + Machine Learning • 4 min read

How H&R Block is using Azure OpenAI Service to bring ease to American taxpayers this season

Eric Boyd

Corporate Vice President, AI Platform

AI + Machine Learning, Azure App, Azure Kubernetes Service (AKS), Customer stories, Industry trends

Published February 1, 2024 • 7 min read

Harmonizing AI-enhanced physical and cloud operations

By Douglas Phillips Corporate Vice President, Azure Edge + Platform

What is needed, and what we are building in Azure, is a single AI-enhanced operations and innovation platform for developing highly distributed applications that reveal insights and accelerate transformation.

Today, thousands of organizations around the world are using Azure OpenAI service to drive meaningful business impact for people and society. We are seeing increased usage from AI-first startups like DeepBrain, Perplexity, and SymphonyAI, as well as the world's biggest companies.



The Total Economic Impact™ of the Microsoft commercial marketplace

By Bill Hall Senior Director, Marketplace Product Marketing

AI + Machine Learning, Azure App, Azure Kubernetes Service (AKS), Customer stories, Industry trends

Published February 1, 2024 • 7 min read

Azure Elastic SAN efficiently migrates SAN to the cloud—now generally available

By Jason Co General Manager, Azure Storage

We are excited to announce the general availability of Azure Elastic SAN, the industry's first fully-managed and cloud-native SAN offering that simplifies deploying, scaling, managing, and configuring a SAN in the cloud.

Achieve generative AI operational excellence with the LLMOps maturity model

By David Sacks General Manager, Azure AI

In our LLMOps blog series, we've explored various dimensions of Large Language Models (LLMs) and their responsible use in AI operations. Elevating our discussion, we now introduce the LLMOps maturity model, a vital compass for business leaders.

Updates & Announcements

- ❖ [support on Apple Silicon Macs](#) :: Generally Available
- ❖ [Application consistent restore points supports Premium SSD v2 and Ultra Disks](#) :: Generally Available
- ❖ [Support for up to 100 TB of storage for the FHIR service](#)
- ❖ [Azure Virtual Network Manager topology view](#) :: Generally Available
- ❖ [Azure Stack HCI latest feature release](#)
- ❖ [Continuous model monitoring in Azure Machine Learning](#)
- ❖ [Istio add-on for AKS now supports plug-in certificate authority \(CA\)](#) :: Public Preview
- ❖ [Distributed tracing v2 for durable Functions](#) :: Public Preview
- ❖ [Visual Studio Code extension update for Azure Kubernetes Service \(AKS\)](#)
- ❖ [Kube-reserved resource optimization in Azure Kubernetes Service \(AKS\)](#) :: Generally Available
- ❖ [Read replica in special regions with Azure Database for PostgreSQL - Flexible Server](#)
- ❖ [Selectable search parameter capability for the FHIR service in Azure Health Data Services](#) :: Preview
- ❖ [Circuit Breaker in Azure API Management](#) :: Public Preview

11 min read

What's new in Azure Data, AI, and Digital Applications: Are you ready to go from GenAI experimentation to solutions deployed at scale?

By Jessica Hawk Corporate Vice President, Data, AI, and Digital Applications, Product Marketing



Azure Services Directory

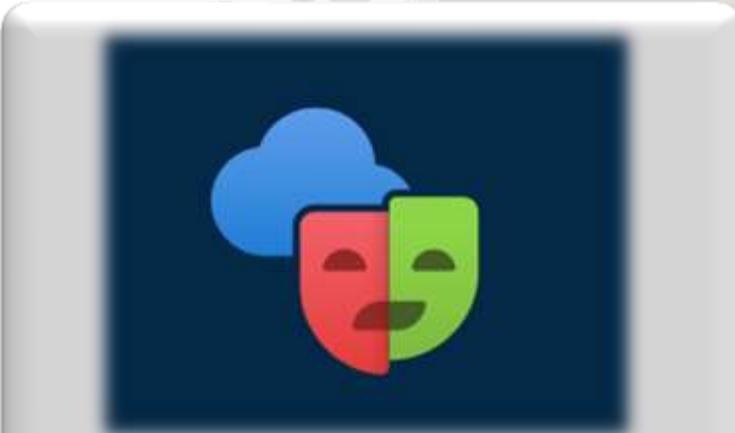


Azure AI Search

Deliver accurate, hyper-personalized responses in your Gen AI applications

Azure AI Search

- ❖ Leading information retrieval and search platform for RAG
- ❖ Reduce the complexity of data ingestion and search-index creation through integration with Azure storage solutions and simple RESTful APIs and SDKs.
- ❖ [Use advanced deep-learning models](#) from Microsoft Research and Bing to provide contextual and relevant results in your apps..
- ❖ [Knowledge Mining](#): Combine Azure AI Search with [Azure OpenAI Service](#) to apply the most advanced AI language models to your search solutions using your own data.
- ❖ Use state-of-the-art vector representations
- ❖ Store, index, and search vector embeddings for sentences, images, audio, graphs, and more
- ❖ Tailor the search experience to meet the unique requirements of your organization.



Microsoft Playwright Testing

Scalable end-to-end modern web app testing service

Microsoft Playwright Testing :: Preview

- ❖ Run Playwright tests with browser and OS combinations hosted in the cloud
- ❖ [Distribute tests across browsers with higher parallelization](#) in CI to run test suites faster.
- ❖ [Ensure apps work as expected for any user](#). Add OS-browser combinations in your test matrix without slowing execution.
- ❖ [Set up continuous end-to-end testing with GitHub Actions](#), Azure Pipelines, and other CI tools.
- ❖ [Learn more about using the Playwright Testing service](#) for your web application testing.
- ❖ [Scale your tests beyond the processing power](#) of your developer workstation, local infrastructure, or CI agent machines.
- ❖ Get support for the latest OSS framework features at scale



Azure Cost Management

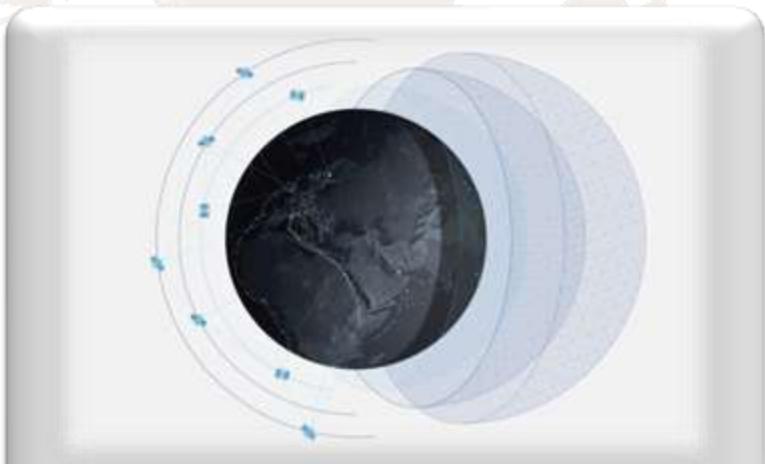
Monitor, allocate, and optimize cloud costs with transparency, accuracy, and efficiency

Azure Cost Management

- ❖ Do more with less. Reduce costs and increase the efficiency of your cloud investments.
- ❖ [AI-powered functionality in Cost Management ::Preview](#)
- ❖ [Track usage, monitor expenses, isolate trends, and benefit](#) from forecasting
- ❖ [Implement governance policies](#) for effective cloud cost management and increase accountability with budgets and cost allocation.
- ❖ [Maximize the return on your cloud investment](#) by using continuous cost optimization and industry best practices.
- ❖ Learn how to use [Microsoft Cost Management APIs](#) to add cloud cost data to your applications
- ❖ [Optimize your costs from a consolidated set of resources](#) available to you in one place



Azure Services Directory



Azure Space

Combine the possibilities of space with the power of the cloud

Azure Space

- ❖ Offer end-to-end on-orbit edge processing solutions on Azure.
- ❖ Build and publish a real-time spacecraft simulation that interacts with on-orbit applications
- ❖ Downlink data without building or managing your own satellite ground station infrastructure
- ❖ Build cloud access points anywhere in the world by leveraging the power of 5G through satellite connectivity.
- ❖ Accelerate time to insight with Earth observation data using [Azure Synapse Analytics](#), [Azure AI](#), and real-time tasking
- ❖ [Reference architecture articulates](#) how to apply artificial intelligence over satellite imagery at scale
- ❖ Build streamlined data processing pipelines in the cloud to manage petabyte scale data with Azure data services.
- ❖ Reduce costs with free backhaul of space data to Azure from Earth observation ground stations.

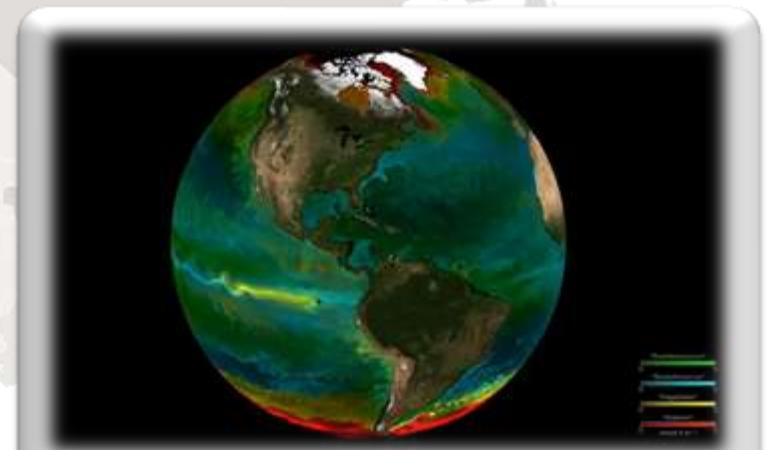


Azure Orbital Ground station

Rapidly ingest data from space into the cloud with a satellite ground station service.

Azure Orbital Ground station

- ❖ Select from a global network of Microsoft and partner [antennas](#), and scale as you grow your satellite fleet.
- ❖ Access an extensive ecosystem of cloud-based services, ground stations, and virtual modems through the Azure platform.
- ❖ Rely on resilient and security-enhanced ground stations for sending and receiving data from your satellite.
- ❖ Azure Orbital Ground Station collocates Microsoft ground stations in or near Azure datacenters.
- ❖ Azure Orbital Ground Station helps schedule contacts with Non-Geostationary Earth Orbit satellites (NGSO), which include Low Earth Orbit (LEO) and Medium Earth Orbit (MEO) satellites.
- ❖ Process your signal using integrated high-speed software modems or leverage partner offerings for signal, image processing, and calibration



Microsoft Planetary Computer

A Planetary Computer for a Sustainable Future

Microsoft Planetary Computer

- ❖ [The Planetary Computer includes petabytes of environmental monitoring data, in consistent, analysis-ready formats, accessible through our APIs](#)
- ❖ Leverage the [Hub](#), a fully managed computing environment that allows scientists to process massive geospatial datasets.
- ❖ Planetary Computer data and APIs are publicly accessible
- ❖ Use the [request access form](#) to express your interest in becoming an early user.
- ❖ Microsoft's [AI for Earth program](#) also provides open source technical resources for conservation work
- ❖ Use tools for [accelerating biodiversity surveys with AI](#) and [AI-accelerated land cover analysis](#).

Azure Services Directory



Azure AI Content Safety

Use AI to monitor text and image content for safety.

Azure AI Content Safety

- ❖ Monitor content with advanced AI-powered language and vision models
- ❖ [Detect offensive or inappropriate content in text and images quickly and efficiently.](#)
- ❖ [Multilingual capabilities in Azure AI Content Safety](#) enable content moderation in English, German, Spanish, French, Portuguese, Italian, and Chinese.
- ❖ [Establish responsible AI practices](#) by monitoring both user-and AI-generated content
- ❖ [Get Started with AI content Safety](#) :: Documentation and samples
- ❖ [Content Safety Studio not only contains out-of-the-box AI models but also includes Microsoft's built-in terms blocklists to flag profanities and stay up to date with new trends.](#)



Azure AI Studio

Simplify Generative AI application development

Azure AI Studio

- ❖ [Build your own Copilot](#)
- ❖ [Infuse your solution with AI capabilities](#): Speech, Vision, Language
- ❖ Developers can ground models on their enterprise data and seamlessly integrate structured, unstructured, and real-time data using [Microsoft Fabric](#).
- ❖ [Built on Responsible AI](#): developers integrate responsible AI principles into the development process and evaluate AI applications for quality and safety.
- ❖ [New methods of creating AI solutions](#)
- ❖ [Built-in Retrieval augmented generation](#) and indexes capabilities
- ❖ [Azure AI Studio online training](#)



Azure AD is now Microsoft Entra

Cloud identity, access, management, and security

Microsoft Entra

- ❖ [Security Copilot is coming to Microsoft Entra](#)
- ❖ [Application Integration](#) and [Single Sign-on \(SSO\)](#)
- ❖ Manage all your identities and access to all your applications in a central location, whether they're in the cloud or on-premises
- ❖ Protect access to resources and data using strong authentication and risk-based adaptive access policies
- ❖ [Microsoft Entra Permissions Management](#) has significant integrations that will give you insights on permission risks
- ❖ [Conditional Access Controls](#), Apply the right access controls to strengthen your organization's security.

Azure Services Directory



Cloud for Sovereignty

Unlocking Global Government Innovation

Cloud for Sovereignty : Preview

- ❖ [Sovereign control portfolio](#) including; Azure Confidential Compute, Azure Key Vault, and Data Sovereignty Policies
- ❖ [Sovereign guardrails and guidance](#) including; Infrastructure as code, Automated policy enforcement, and Workload templates
- ❖ [Compliance and Transparency](#): Meeting specific governance requirements, Enhanced Operational transparency, and Policy Portfolio for local and regulatory adherence
- ❖ [Public cloud capabilities with sovereign protection](#) : Public cloud technology and flexibility, Trusted security, and Resiliency and Availability with low latency to the most extensive global footprint
- ❖ Improve resiliency, security, and scalability
- ❖ Achieve compliance to satisfy legal, security, and policy requirements with operational transparency

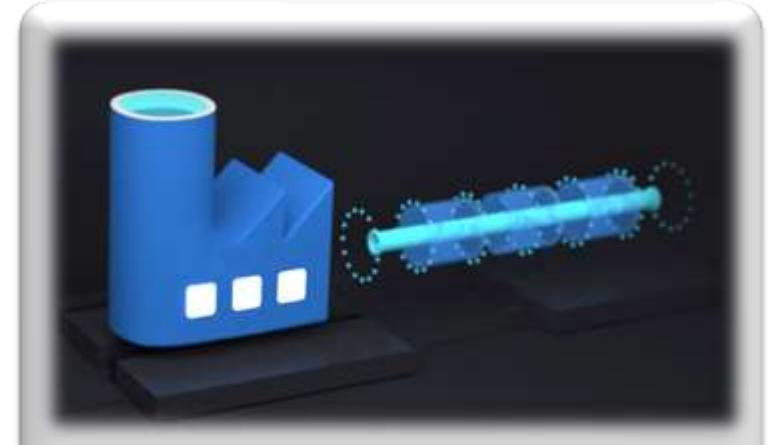


Azure AI Document Intelligence

Accelerate Information Extraction from documents

Azure AI Document Intelligence

- ❖ Applies advanced machine learning to extract text, key-value pairs, tables, and structures from documents automatically and accurately.
- ❖ Customize Results: Get output tailored to your layouts with automatic custom extraction and improve it with human feedback.
- ❖ Built-in Security: Rely on enterprise-grade security and privacy applied to both your data and any trained models.
- ❖ [Document Analysis](#): detects and extracts text and layout
- ❖ [Prebuilt, pretrained models](#)
- ❖ [Custom Form Service](#): train on your own data



Azure Data Factory

Simplify Hybrid Data Integration at Enterprise Scale

Azure Data Factory: Updates

- ❖ Fully managed, serverless data integration service
- ❖ [Accelerate data transformation with code-free data flows](#): data integration and transformation layer works across ETL
- ❖ [Rehost and extend SSIS in a few clicks](#): Azure Data Factory can help organizations looking to modernize SSIS.
- ❖ [Ingest all your data with built-in connectors](#): more than 90 built-in connectors from big data sources such as Amazon Redshift, Google BigQuery, and HDFS; enterprise data warehouses such as Oracle Exadata and Teradata; SaaS apps such as Salesforce, Marketo, and ServiceNow; and all Azure data services.
- ❖ [Orchestrate, monitor, and manage pipeline performance](#)
- ❖ [Leverage Azure Synapse Analytics](#) new capabilities

Azure Services Directory



Azure AI

Drive business results and improve customer experiences with AI solutions

Azure AI

- ❖ [Azure Applied AI Services](#) – Modernize business, Accelerate development, and run responsibly
- ❖ [Azure Cognitive Services](#) – New sophisticated AI models, Deploy anywhere – Cloud to Edge and all in between
- ❖ [Azure Machine Learning](#) – Develop in your choice of tools, Create and deploy models at scale, Innovate responsibly, and build with your frameworks and languages
- ❖ [Azure AI Infrastructure](#) – Purpose-built AI Supercomputing infrastructure for accelerating your innovation running [AI at scale](#).
- ❖ [AI models for Financial Services, Manufacturing, Retail, and Healthcare](#).
- ❖ [AI Business Solutions](#) – Knowledge Mining, Conversational AI, Document Process Automation, Machine Translation and Speech Transcript

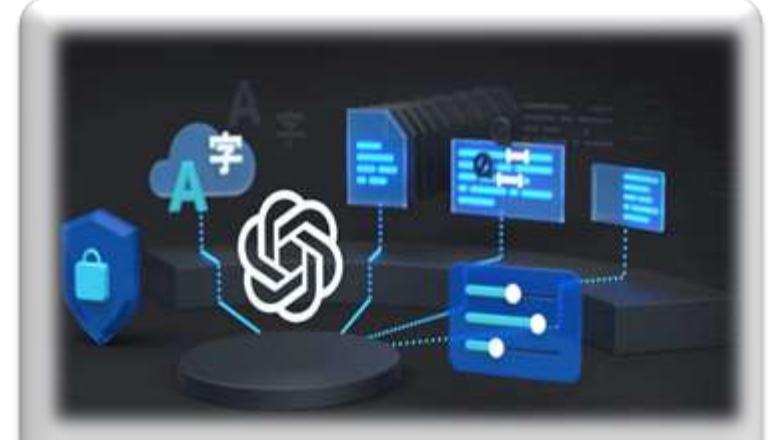


Azure Cognitive Services

Add cognitive capabilities to apps with APIs and AI services

Azure Cognitive Services

- ❖ [Speech, Language, Vision, Decision, and Azure OpenAI Services](#) are all part of OpenAI and Cognitive Services
- ❖ [AI and Cognitive Services resources for developers](#)
- ❖ [Azure OpenAI and Azure Cognitive Search can be combined](#) to power application experiences like ChatGPT on enterprise data.
- ❖ Customizable, pretrained models built on responsible AI and security
- ❖ [Deploy Cognitive Services anywhere from cloud to edge with containers](#)
- ❖ [Microsoft's Florence foundation model](#) is a renaissance in computer vision AI



Azure OpenAI Service

Apply large language models and generative AI to a variety of use cases.

Azure OpenAI Service : Updates

- ❖ [Power Apps with large-scale AI Models](#)
- ❖ [Apply pre-trained generative models to new scenarios](#) for language, code, reasoning, inferencing, and comprehension
- ❖ [GPT-4 now in Azure OpenAI Services](#)
- ❖ [New Service Models grouped by family and capacity](#)
- ❖ [Responsible AI – Data, Privacy, and Security](#) for Azure OpenAI Service
- ❖ [Azure Reliability tools and training](#) designed for operating Azure OpenAI and mission-critical systems
- ❖ [Safety built directly into Azure GPT-4 model](#)
- ❖ [GPT-4 and ChatGPT models on Azure](#)
- ❖ [Speech, Language, Vision, Decision, and Azure OpenAI Services](#) are all part of OpenAI and Cognitive Services

Azure Services Directory



Azure Confidential Computing

Tamperproof, unstructured data store hosted in Trusted Execution Environments (TEE) and backed by cryptographically verifiable evidence

Azure Confidential Compute

- ❖ [Solutions to enable the isolation your sensitive data](#)
- ❖ [Confidential VMs with Application Enclaves](#) + [Confidential VMs](#) + [Confidential Containers](#)
- ❖ [Azure Confidential Ledger](#) : Tamper-proof register for storing sensitive data for record keeping and auditing or for data transparency in multi-party scenarios. It offers Write-Once-Read-Many guarantees, which make data non-erasable and non-modifiable. The service is built on Microsoft Research's [Confidential Consortium Framework](#).
- ❖ [Microsoft Azure Attestation](#) : a remote attestation service for validating the trustworthiness of multiple Trusted Execution Environments (TEEs) and verifying integrity of the binaries running inside the TEEs.



Azure Arc

Secure, develop, and operate infrastructure, apps, and Azure services anywhere

Azure Arc

- ❖ [View and run across datacenters, at the edge, and in multi-cloud environments](#)
- ❖ [Get up and running immediately with your existing tools](#) and practices including GitHub, Terraform, and Visual Studio.
- ❖ [Leverage Reference Architectures](#) to cross environments, datacenters, and clouds
- ❖ Use Linux and Windows virtual machines (VMs), bare-metal servers, and other clouds with the same server management experience across environments.
- ❖ Meet [governance](#) and compliance standards for apps, infrastructure, and data with [Azure Policy](#).



Azure Sphere

Create, Connect, and maintain secured intelligent IoT devices from the edge to the cloud

Azure Sphere

- ❖ [Secured IoT platform for building solutions](#) : From Silicon, through the OS, and the Cloud
- ❖ [Develop, Connect, Manage and Protect intelligent devices](#)
- ❖ [Deploy updates, real-time security patches, OS Updates Over-the-Air \(OTA\)](#)
- ❖ [Solve industry-specific Chip-to-Cloud solutions with advanced device security](#)
- ❖ [Develop real-time capable apps](#)
- ❖ [Use Azure IoT and Azure Sphere for factory-floor operations](#)

Azure Services Directory

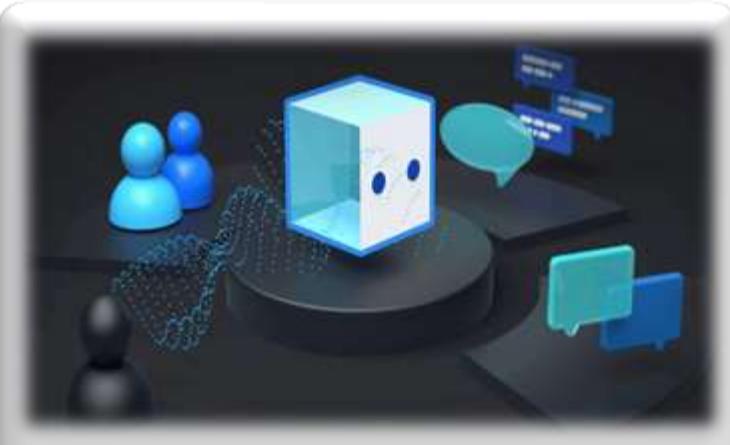


Azure Operator Nexus

Build mission-critical mobile networks with carrier-grade, hybrid cloud platform

Azure Operator Nexus

- ❖ purpose-built for operators' network-intensive workloads and mission-critical applications
- ❖ Operators can unify data governance and enforce security and compliance policies by [Azure Role based Access Control](#) and [Azure Policy](#).
- ❖ Optimize and scale next-generation 5G networks
- ❖ Enhance operations with AI-based analytics
- ❖ Create new revenue with the Azure ecosystem
- ❖ [AT&T runs its 5G Near Edge network functions on Azure Operator Nexus](#)



Azure AI Bot Service

Design and Build enterprise-grade AI Bots

Azure AI Bot Service

- ❖ Build conversational experiences with [Power Virtual Agents](#) and [Azure AI Bot Service](#)
- ❖ [Collaboratively build bots with fusion teams](#)
- ❖ Fusion teams can easily extend bots for complex scenarios with [Bot Framework Composer](#).
- ❖ [Extend your reach with multiple channels and languages](#)
- ❖ Create multimodal and multichannel experiences
- ❖ Scale safely with centralized management
- ❖ Leverage [Bot Framework SDK](#) to build, test, deploy, and manage chatbots
- ❖ Use [Azure AI Services](#), [Azure AI Language](#), [Azure AI Vision](#), and [Azure AI Speech](#) for enhanced bots



Microsoft Purview

Govern, protect, and manage your data estate

Microsoft Purview

- ❖ [Create a unified map of data](#) across your entire data estate
- ❖ [Make data easily discoverable](#)
- ❖ [Discover, classify, and protect sensitive information wherever it lives or travels](#)
- ❖ [Get a bird's-eye view of sensitive data with Data Estate Insights](#)
- ❖ [Share data without having to make duplications](#)
- ❖ [Enable access to the right data for the right users](#)
- ❖ [Import and archive non-Microsoft data](#) and apply Microsoft 365 protections and governance
- ❖ [Purview Privileged Access Management](#)

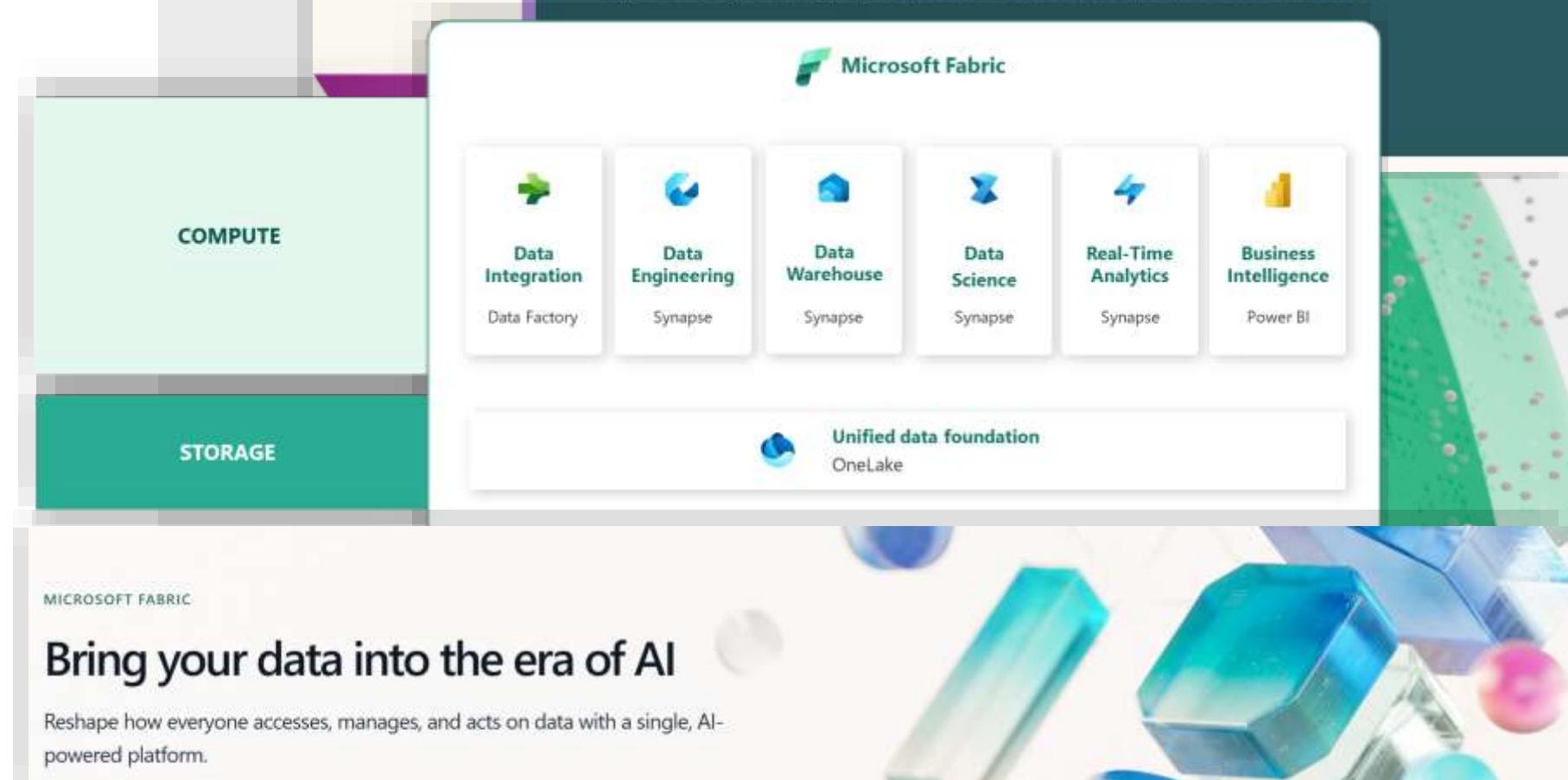


Microsoft Fabric: Generally Available

Data Control end-to-end

Microsoft Fabric—an end-to-end analytics platform that brings together all the data and analytics tools that organizations need:

- Data Factory (Data Integration)
- Synapse Data Engineering
- Synapse Data Warehouse
- Synapse Data Science
- Synapse Real-Time Analytics
- Power BI (Business Intelligence)
- Data Activator (*coming soon*)



The image shows the Microsoft Fabric landing page. At the top right is a circular 'F' logo. Below it is a banner with the text 'Announcements · 17 min read' and a main headline: 'Prepare your data for AI innovation with Microsoft Fabric—now generally available'. The author is listed as 'By Arun Ulagaratchagan, Corporate Vice President, Azure Data—Microsoft'. The central part of the page features a diagram illustrating the Microsoft Fabric architecture. It consists of three main vertical columns: 'COMPUTE' (top), 'STORAGE' (middle), and 'MICROSOFT FABRIC' (bottom). The 'MICROSOFT FABRIC' column contains six boxes representing different services: Data Integration (Data Factory), Data Engineering (Synapse), Data Warehouse (Synapse), Data Science (Synapse), Real-Time Analytics (Synapse), and Business Intelligence (Power BI). Below these boxes is a box labeled 'Unified data foundation OneLake'. At the bottom of the page is a call-to-action: 'Bring your data into the era of AI' with the subtext 'Reshape how everyone accesses, manages, and acts on data with a single, AI-powered platform.'

Microsoft Research Blog



AI Controller Interface: Generative AI with a lightweight, LLM-integrated VM >

February 7, 2024 | [Emre Kiciman](#) and [Michał Moskal](#)

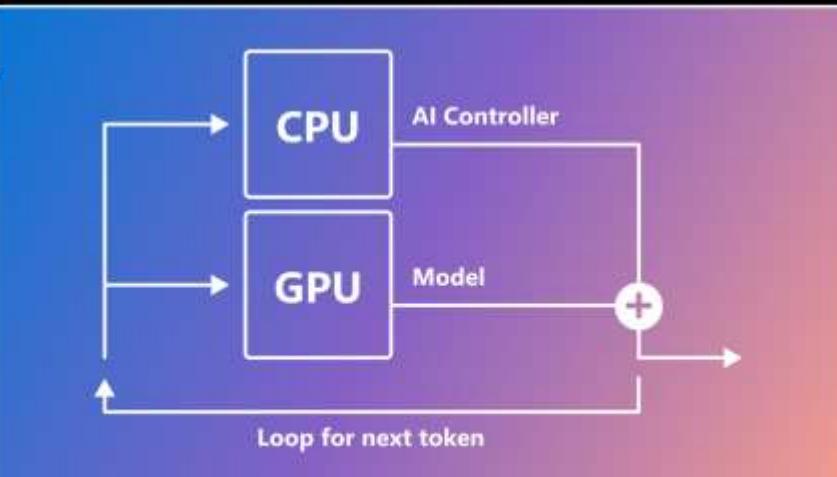
The emergence of large language models (LLMs) has revolutionized the way people create text and interact with computing. However,...



MetaOpt: Examining, explaining, and improving heuristic performance >

January 23, 2024

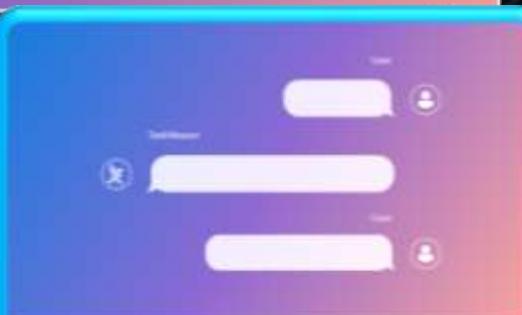
MetaOpt helps analyze, explain, and improve heuristic performance before deployment in production systems. Learn how it works, particularly in traffic engineering, packet scheduling, and VM placement.



GHDDI and Microsoft Research use AI technology to achieve significant progress in discovering new drugs to treat global infectious diseases >

January 16, 2024 | [Tie-Yan Liu](#) and [Tao Qin](#)

The Global Health Drug Discovery Institute and Microsoft Research are using AI to innovate in life sciences by accelerating the development of new treatments for global infectious diseases like tuberculosis and COVID. Find out how.



TaskWeaver: A code-first agent framework for efficient data analytics and domain adaptation >

January 11, 2024

AI-backed virtual assistants face challenges in handling complex data structures. TaskWeaver helps users build assistants that understand diverse domain questions, follow examples, and efficiently execute customizable algorithms on complex data structures.

RESEARCH FOCUS
FEBRUARY 05, 2024

Research Focus: Week of February 5, 2024 >

February 7, 2024

Research Focus: New Research Forum series explores bold ideas in the era of AI; LASER improves reasoning in language models; Cache-Efficient Top-k Aggregation over High Cardinality Large Datasets; Six Microsoft researchers named 2023 ACM Fellows.

Microsoft Research Forum: New series explores bold ideas in technology research in the era of AI >

January 31, 2024

Microsoft Research Forum (opens in new tab) is a new series of conversations that explore recent advances, bold new ideas, and important discussions within the global research community. Leading Microsoft researchers will share insights into their work, followed by live online discussions with audience participants...

Microsoft Research Blog

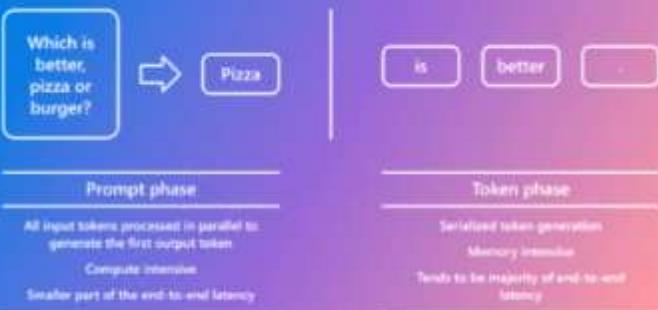


MICROSOFT RESEARCH BLOG

Research at Microsoft 2023: A year of groundbreaking AI advances and discoveries >

December 22, 2023

Prompt computation vs. token generation



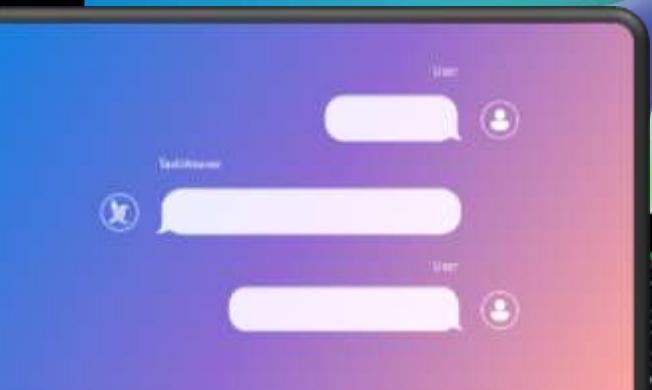
Splitwise improves GPU usage by splitting LLM inference phases >

January 4, 2024

Expanded LLM use creates new demands on cloud GPU capacity. Splitwise presents an efficient solution by separating the two essential phases of LLM inference, achieving higher throughput within a limited power budget.

2023

Microsoft Research
Year in Review



TaskWeaver: A code-first agent framework for efficient data analytics and domain adaptation >

January 11, 2024

AI-backed virtual assistants face challenges in handling complex data structures. TaskWeaver helps users build assistants that understand diverse domain questions, follow examples, and efficiently execute customizable algorithms on complex data structures.



Advancing transparency: Updates on responsible AI research >

January 10, 2024 | [Mihaela Vorvoreanu](#) and Kathy Walker

Editor's note: All papers referenced here represent collaborations throughout Microsoft and across academia and industry that include authors who contribute to Aether, the Microsoft internal advisory body for AI ethics and effects in engineering and research. A surge of generative AI models in the past...



Phi-2: The surprising power of small language models >

December 12, 2023 | [Mojan Javaherpi](#) and [Sébastien Bubeck](#)

Phi-2 is now accessible on the Azure model catalog. Its compact size and new innovations in model scaling and training data curation make it ideal for exploration around mechanistic interpretability, safety improvements, and fine-tuning experimentation on a variety of tasks.

Microsoft Quantum Blog :: Innovation News



DARPA selects Microsoft to continue the development of a utility-scale quantum computer >

February 8, 2024 • 4 min read

By [David Bohn](#), Hardware Partner, Microsoft Quantum

United States Government renews funding to Microsoft Azure Quantum based on recent results and detailed plans for building a quantum computer. [Read more](#)



+ Technical docs

Explore the Azure Quantum technical documentation including quick starts, tutorials, and API references.

+ Quantum katas

Learn quantum computing and Q# programming with self-paced tutorials and exercises on GitHub.

Try Copilot in Azure Quantum



Unlocking a new era for scientific discovery with AI: How Microsoft's AI screened over 32 million candidates to find a better battery >

January 9, 2024 • 8 min read

By [Dr. Nathan Baker](#), Product Leader, Azure Quantum Elements, Microsoft

Announcing the Microsoft Quantum team achieved a major milestone toward that vision, using advanced AI to screen over 32 million candidates to discover and synthesize a new material that holds the potential for better batteries—the first real-life example of many that will be achieved in a new era of scientific discovery driven by AI. [Read more](#)

Showcase Blog



Microsoft Showcase Series

Inside Track

Discover the inside story of how Microsoft Digital is powering, protecting and transforming Microsoft, helping you learn from our experiences and accelerate your own transformation.



Feb 7, 2024 | Lukas Velush

Transforming our internal Microsoft Azure spend forecasting

Budget forecasting is a crucial discipline across any business process. With a large-scale consumable resource like Microsoft Azure, accurate budgeting can lead to savings in the millions. To improve Microsoft Azure spend forecasting for our internal engineering teams in Microsoft Digital Employee Experience (MDEE), our FinOps team developed a dashboard that helps us provide our...

Feb 6, 2024 | Lukas Velush

Seven things we learned deploying Microsoft Sales Copilot at Microsoft

We've entered the age of AI, and our salespeople are reaping the benefits here at Microsoft. Thanks to Microsoft Sales Copilot, their days are more efficient, their communication is more streamlined, and their interactions with essential sales tools don't require them to interrupt their flow of work. Since we launched the tool internally here at...

Feb 5, 2024 | Lukas Velush

Deploying Copilot for Microsoft 365 internally at Microsoft

We have deployed Copilot for Microsoft 365 to nearly all our employees and vendors at Microsoft. As Customer Zero, we are the first enterprise to do so at scale. As of this week, nearly everyone at the company has it. We're seeing immediate and wide-ranging benefits. "Our employees are putting it to work for them..."

Feb 1, 2024 | Lukas Velush

Sharing what we learned deploying our secure federal environment

At Microsoft, we serve a diverse range of customers, from individual users and large businesses to sovereign governments with specific regulatory requirements. Our platform products such as Microsoft Azure and our Microsoft 365 productivity suite perform extremely well for these different customer segments. Underneath those broad strokes, we serve very specific, complex customers. One set...

Jan 25, 2024 | Bonnie Darves

Protecting Microsoft's SAP workload with Microsoft Sentinel

For any large enterprise like Microsoft, monitoring threats to infrastructure and applications developing and maintaining an always-on Security Information and Event Management (SIEM) solution like Microsoft Sentinel that's equipped to ward off threats isn't only a weighty task but also a truly challenging undertaking. The threat landscape is constantly evolving, and data breaches—originating from outside...

Microsoft Partner News



Modern Work Plan Comparisons

Detailed comparisons of Modern Work user subscription plans.

2024-02-01 [Learn About Microsoft Solutions](#)



Commerce AI case study

MVP Health Care boosts patient experience with Commerce.AI auto-MATE.

2024-01-18 [Marketplace Rewards](#)



Government Partner Industry Sales Kits

Find Government To-Partner Industry Sales Kits.

2024-01-17 [Engage Customers](#)



Life Sciences To Partner Industry Sales Kit

Find Life Sciences To-Partner Industry Sales Kits.

2024-01-17 [Engage Customers](#)



Energy To-Partner Industry Sales Kit

Find Energy To-Partner Industry Sales Kits.

2024-01-17 [Learn About Microsoft Solutions](#)



Copilot for Microsoft 365 expanded partner opportunity

Learn how to offer the power of Copilot to customers of all sizes.

2024-01-16



ESI Training Journey

PDF documents outlining the right journey to your training needs: <https://aka.ms/pathways>

Microsoft Azure Training Journey

This pathway provides a comprehensive guide to learning Microsoft Azure, covering various services and best practices.

<https://aka.ms/ESIAzureTrainingJourney>

Microsoft Security Operations Analyst

This pathway focuses on Microsoft Security Operations Analyst certification, covering topics like threat hunting, security operations, and Microsoft Defender.

<https://aka.ms/Pathways>

Microsoft Security, Compliance, and Identity Training Journey

This pathway covers Microsoft Security, Compliance, and Identity training, including Microsoft Security Operations Analyst certification.

<https://aka.ms/ESISecurityTrainingJourney>

Azure AI Engineer Learning Pathway

This pathway is designed for Azure AI engineers, covering topics like Azure Cognitive Services, Azure Machine Learning, and Azure Fabric.

<https://aka.ms/Pathways>

Fabric Learning Companion

This pathway provides a comprehensive guide to Microsoft Fabric, covering data engineering, data science, and data warehousing.

<https://aka.ms/Pathways>

Microsoft Learning and Training :: Learning Blog



CAREER PATHS



Find your career path

Learn more about career paths that intrigue you, follow the guided training paths to help you get certified, and get connected to help reach your career goals.

[Explore career paths](#)

MODULE

Introduction to the Microsoft Azure Well-Architected Framework



⌚ 1 hr 4 min

Beginner • Solution Architect • Azure

MODULE

Build natural language solutions with Azure OpenAI Service



⌚ 57 min

Azure • AI Engineer • Intermediate

[+ Add](#)

MODULE

Automate development tasks by using GitHub Actions



⌚ 49 min

Beginner • DevOps Engineer • GitHub

[+ Save](#)

[+ Add](#)

LEARNING PATH

Develop Generative AI solutions with Azure OpenAI Service



⌚ 5 hr 34 min

Azure • AI Engineer • Intermediate

[+ Add](#)

Microsoft Events and Training: Updates



Microsoft Virtual Training Days

Gain new skills by attending a free technical skilling event with Microsoft.

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Learn new skills and discover the power of Microsoft products with step-by-step guidance. Start your journey today by exploring our learning paths and modules.

Further your goals with Microsoft events

Whether you're a developer, IT professional, partner, educator, or business professional, we have plenty of Microsoft events specifically created with your growth in mind. Explore special events and learning opportunities created to help you expand your expertise, learn new skills, and build community.

[All events](#) [Azure](#) [Microsoft 365](#) [Dynamics 365](#) [Power Platform](#) [Surface](#)

Azure

Microsoft Azure Virtual Training Day: Building Generative Apps with Azure OpenAI Service

Discover how to provision Azure OpenAI, deploy models, and effectively use language models in generative AI applications.

Date & Time: Wed 13 Mar 2024, 12:00 PM - 03:30 PM
Timezone: EDT
Country: United States
Skill Level: Intermediate

[Register >](#)

Security

Microsoft Security Virtual Training Day: Security, Compliance, and Identity Fundamentals

Explore the basics of security, compliance, and identity – including best practices to help protect people and data against cyberthreats for greater peace of mind.

Date & Time: Mon 11 Mar 2024, 12:00 PM - Tue 12 Mar 2024, 12:00 PM
Timezone: EDT
Country: United States
Skill Level: Beginner

[Register >](#)

Microsoft 365

Microsoft 365 Virtual Training Day: Prepare Your Organization for Microsoft 365 Copilot

Learn how to implement AI to help ignite creativity, enhance productivity, and strengthen computing and collaboration skills.

Date & Time: Thu 07 Mar 2024, 12:00 PM - 02:00 PM
Timezone: EST
Country: United States
Skill Level: Beginner

[Register >](#)

Fabric Analyst in a Day - MAQ Software - United States

02/21/2024 | 09:00 - 17:00 (CST)

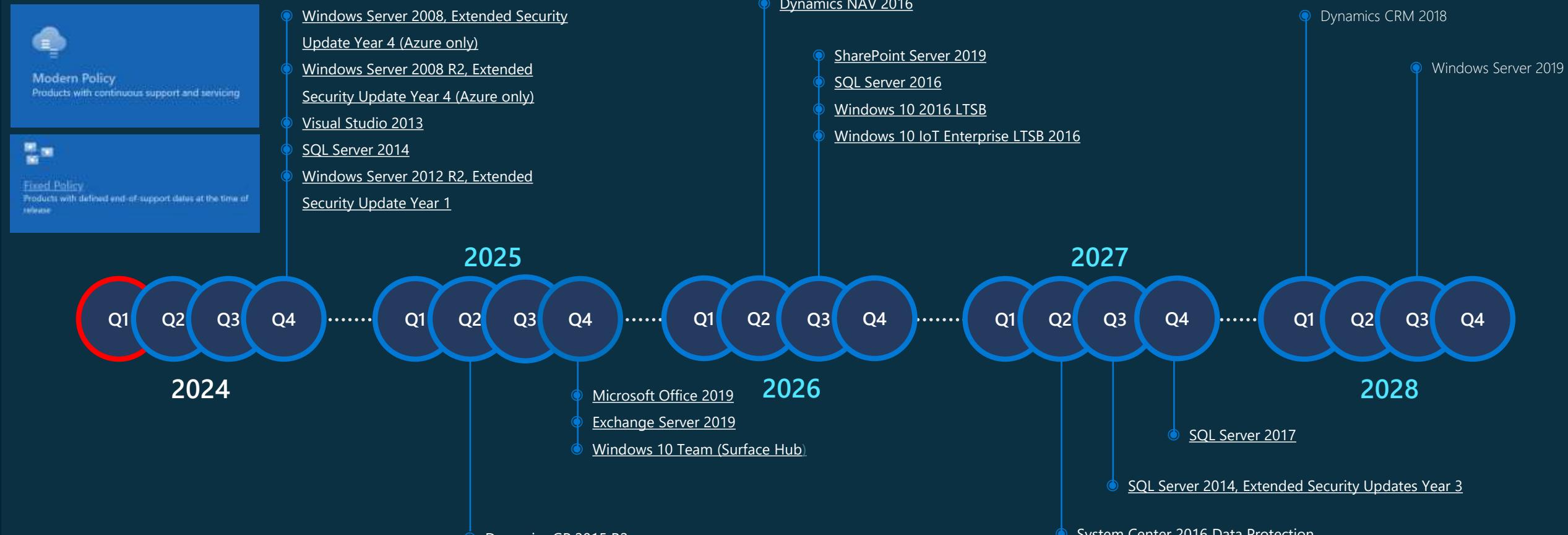
Digital
English (United States)
Training

Product Lifecycles





End of Service Roadmap to 2028



Microsoft Lifecycle FAQ ([Lifecycle FAQ - General | Microsoft Docs](#))

Microsoft Lifecycle Policy Details (<https://support.microsoft.com/en-us/lifecycle>)

** IE11 support ends for connection to Microsoft 365 (<https://docs.microsoft.com/en-us/lifecycle/announcements/m365-ie11-microsoft-edge-legacy>)

^ Microsoft 365 Apps, Office 2016, Office 2019 supported as clients for Microsoft 365 (<https://docs.microsoft.com/en-us/deployoffice/endofsupport/office-365-services-connectivity>)

~ TLS 1.0/1.1 Deprecated (<https://docs.microsoft.com/en-us/microsoft-365/compliance/tls-1-0-and-1-1-deprecation-for-office-365?view=o365-worldwide>)

Microsoft Product Lifecycle: Modern Policy Products that will Retire



Products under Modern Policy that will Retire in 2024

Products Moving to End of Servicing (Modern Policy)	Retirement Date
Azure Data Lake Storage Gen1	February 29, 2024
Azure Cloud Services (classic) Machine Learning Studio (classic)	August 31, 2024
Azure Database for MySQL Single Server	September 16, 2024

Products under Modern Policy that will Retire in 2025

Products Moving to End of Servicing (Modern Policy)	Retirement Date
Azure Basic Load Balancer Azure Unmanaged Disks	September 30, 2025
Windows 10 Enterprise and Education Windows 10 Home and Pro Windows 10 IoT Enterprise	October 14, 2025

Announcements

- Teams Live Events retiring September 30, 2024
- Power BI Windows app to be retired December 31, 2023
- Visual Studio for Mac to be retired August 31, 2024
- Windows 11, version 21H2 end of servicing (Home & Pro)
- Power BI Windows app for Surface Hub reaching retirement
- Windows 10, version 22H2 end of support date updated

Lifecycle data export

Export all products

Export lifecycle data for all products by clicking below:

[Export All Products](#)

- Windows 10, version 21H2 end of servicing (Home & Pro)
- Windows 10, version 20H2 end of servicing (Enterprise, Education)
- Microsoft Store for Business and Education retiring March 31, 2023
- Windows Server 2012 and 2012 R2 reaching end of support
- UPDATED: Support extended for Visio Services in SharePoint Online (aka Visio Web Access)
- Windows 10, version 21H1 end of servicing

[See more >](#)

Microsoft Product Lifecycle: Modern Policy Retirements



Product Retirement for 2024

Product Retirement (Modern Policy)	End of Servicing Date
Azure Data Lake Storage Gen1	February 29, 2024
Azure Cloud Services (classic) Machine Learning Studio (classic) Visual Studio for Mac	August 31, 2024
Azure Database for MySQL Single Server	September 16, 2024

Products Retirement for 2025

Products Moving to End of Servicing (Modern Policy)	End of Servicing Date
Azure Basic Load Balancer Azure Unmanaged Disks	September 30, 2025
Windows 10 Enterprise and Education Windows 10 Home and Pro Windows 10 IoT Enterprise	October 14, 2025

Microsoft Product Lifecycle: Azure Changes 2024



Azure Item	Retirement
AKS legacy Azure AD integration will be retired on 29 February 2024 Azure Batch 'CloudServiceConfiguration' pools will be retired on 29 February 2024 Azure Batch rendering VM images & licensing will be retired on 29 February 2024 Azure Batch Transcription and Customization Rest API v2 will be retired by 29 February 2024 Jenkins plug-ins for Azure are being retired on 29 February 2024 Start using new alerts in Azure Monitor for Azure China 21Vianet Start using new alerts in Azure Monitor for Azure Government Cloud Update the Azure Cosmos DB Java SDK by 29 February 2024 Update your Azure Media Services REST API and SDKs to v3 by 29 February 2024 Update your scripts to use Az PowerShell modules by 29 February 2024 We're retiring the standard version of Custom Voice on 29 February 2024	February 29, 2024
Azure Batch Certificates will be retired on 29 February 2024	March 1, 2024
App Service Environment version 1 and version 2 will be retired on 31 August 2024 Azure classic storage accounts will be retired on 31 August 2024 Azure Data Factory Compute Optimized data flows will be retired on 31 August 2024 Azure Synapse Analytics Compute Optimized data flows will be retired on 31 August 2024 Basic and Standard A-series VMs will retire on 31 August 2024 Five Azure classic networking services will be retired on 31 August 2024 Hard coded IP address for Azure Site Recovery will be retired on 31 August 2024 HB-series Azure Virtual Machines will be retired by 31 August 2024 Integration Services Environment will be retired on 31 August 2024 – transition to Logic Apps Standard Multi-step web tests will be retired on 31 August 2024 Release annotations using API keys will be retired on 31 August 2024 Retiring version Async 2.x of the Azure Cosmos DB Java SDK on 31 August 2024 Select Azure Cognitive Search skills will be retired on 31 August 2024 Update Java SDK 3.x to Java SDK 4.x by 31 August 2024 Upgrade to Text-to-Speech Neural Voice by 31 August 2024 We're retiring the Log Analytics agent in Azure Monitor on 31 August 2024	August 31, 2024
Microsoft HPC Pack Burst to Cloud Services will be retired on 31 August 2024	September 1, 2024
Support for PostgreSQL version 11 in Azure Database PostgreSQL Single Server ends on 9 November 2024	November 10, 2024

Microsoft Product Lifecycle: Azure Changes 2025



Azure Item	Retirement
<u>On 1 October 2025, the Log Analytics alert API in Azure Monitor will be retired</u>	January 10, 2025
<u>Azure QnA Maker will be retired on 31 March 2025</u> <u>Templates functionality preview version in Azure portal will be retired on 31 March 2025</u> <u>Transition to using connection strings for data ingestion by 31 March 2025</u>	March 31, 2025
<u>Azure Monitor ITSM connector for creating ServiceNow events will be retired on 30 September 2025</u> <u>Community support for Azure Functions Proxies will end on 30 September 2025</u> <u>The application insights Java 2.X SDK will be retired on 30 September 2025</u> <u>Upgrade to Standard SKU public IP addresses in Azure by 30 September 2025—Basic SKU will be retired</u>	September 30, 2025
<u>Migrate to conversational language understanding before Language Understanding (LUIS) is retired on 1 October 2025</u>	October 1, 2

Microsoft Product Lifecycle: Modern Policy Reaching End of Servicing



Products Release End of Servicing for 2024

Products Moving to End of Servicing (Modern Policy)	End of Servicing Date
Microsoft Configuration Manager, Version 2207	February 12, 2024
Dynamics 365 Business Central on-premises (Modern Policy), 2022 release wave 2, version 21.x	April 14, 2024
.NET 7	May 14, 2024
Windows 10 Enterprise and Education, Version 21H2 Windows 10 IoT Enterprise, Version 21H2	June 11, 2024
Microsoft Configuration Manager, Version 2211	July 19, 2024
Dynamics 365 Business Central on-premises (Modern Policy), 2023 release wave 1, version 22.x Windows 11 Enterprise and Education, Version 21H2 Windows 11 Home and Pro, Version 22H2 Windows 11 IoT Enterprise, Version 21H2	October 8, 2024
Microsoft Configuration Manager, Version 2303	October 24, 2024
PowerShell, PowerShell 7.2 (LTS-current)	November 8, 2024
Azure IoT Edge, Version 1.4 (LTS) .NET 6.0 (LTS)	November 12, 2024

Products Release End of Servicing for 2025

Products Moving to End of Servicing (Modern Policy)	End of Servicing Date
Windows 11 Enterprise and Education, Version 22H2 Windows 11 IoT Enterprise, Version 22H2	October 14, 2025
Windows Server Annual Channel, Version 23H2	October 24, 2025
Windows 11 Home and Pro, Version 23H2	November 11, 2025

Microsoft Product Lifecycle: Fixed Policy Reaching End of Support 2024



Products Reaching End of Support for 2024

Products Moving to End of Support (Fixed Policy)	End of Support Date
<u>Microsoft Configuration Manager, Version 2207</u>	February 12, 2024
<u>Dynamics 365 Business Central on-premises (Modern Policy), 2022 release wave 2, version 21.x</u>	April 14, 2024
<u>.NET 7</u>	May 14, 2024
<u>Windows 10 Enterprise and Education, Version 21H2</u> <u>Windows 10 IoT Enterprise, Version 21H2</u>	June 11, 2024
<u>Microsoft Configuration Manager, Version 2211</u>	July 19, 2024

Microsoft Product Lifecycle: Fixed Policy Reaching End of Support 2025



Products Release End of Support for 2025

Products Moving to End of Support (Fixed Policy)	End of Servicing Date
Visual Studio 2022 , Version 17.6 (LTSC channel)	January 9, 2025
Dynamics C5 2015 Dynamics CRM 2015 Dynamics NAV 2015 Dynamics SL 2015	January 14, 2025
Dynamics GP 2015 Dynamics GP 2015 R2	April 8, 2025
Microsoft SQL Server 2012, Extended Security Update Year 3 SQL Server 2014, Extended Security Updates Year 1	July 8, 2025

Products Moving to End of Support (Fixed Policy)	End of Servicing Date
Access 2016 Access 2019 Dynamics 365 Business Central on-premises (Fixed Policy) Excel 2016 Excel 2019 Exchange Server 2016 Exchange Server 2019 Microsoft Office 2016 Microsoft Office 2019 Microsoft Report Viewer 2015 Runtime OneNote 2016 Outlook 2016 Outlook 2019 PowerPoint 2016 PowerPoint 2019 Project 2016 Project 2019 Publisher 2016 Publisher 2019 Skype for Business 2016 Skype for Business 2019 Skype for Business Server 2015 Skype for Business Server 2019 Visio 2016 Visio 2019 Visual Studio 2015 Visual Studio Team Foundation Server 2015 Windows 10 2015 LTSB Windows 10 IoT Enterprise LTSB 2015 Windows 10 Team (Surface Hub) Windows Defender Exploit Guard Windows Defender for Windows 10 Windows Server 2012, Extended Security Update Year 2 Windows Server 2012 R2, Extended Security Update Year 2 Word 2016 Word 2019	October 14, 2025

Microsoft Product Lifecycle: Products moving to Extended Support



Products Moving to Extended Support for 2024

Products Moving to Extended Support (Fixed Policy)	End of Support Date
Dynamics SL 2018	
Exchange Server 2019	
Hyper-V Server 2019	
Project Server 2019	
SharePoint Server 2019	
Skype for Business 2019	
Skype for Business Server 2019	
Windows 10 Enterprise LTSC 2019	
Windows 10 IoT Core LTSC	
Windows 10 IoT Enterprise LTSC 2019	
Windows 10 IoT LTSC 2019 Core	
Windows Server 2019	
Windows Server IoT 2019	
Windows Server IoT 2019 for Storage	
Azure DevOps Server 2019	April 9, 2024
System Center 2019 Data Protection Manager	
System Center 2019 Operations Manager	
System Center 2019 Orchestrator	
System Center 2019 Service Manager	
System Center 2019 Virtual Machine Manager	
Visual Studio 2019	

Products Moving to Extended Support for 2025

Products Moving to Extended Support (Fixed Policy)	End of Support Date
SQL Server 2019	February 28, 2025
Azure DevOps Server 2020 Microsoft Robotics	October 14, 2025



Acquisitions and Announcements

Microsoft Acquisitions - 2024



Company	Date	Description

Microsoft Acquisitions - 2023



Company	Date	Description
Fungible	01-09-2023	<p>Fungible Inc., a provider of composable infrastructure aimed at accelerating networking and storage performance in datacenters with high-efficiency, low-power data processing units (DPUs).</p> <p>Fungible's technologies help enable high-performance, scalable, disaggregated, scaled-out datacenter infrastructure with reliability and security.</p> <p>The Fungible team will join Microsoft's datacenter infrastructure engineering teams and will focus on delivering multiple DPU solutions, network innovation and hardware systems advancements.</p>

Microsoft Acquisitions - 2022



Company	Date	Description
<u>Lumenisity</u>	12-09-2022	Lumenisity® Limited , a leader in next-generation hollow core fiber (HCF) solutions. Lumenisity's innovative and industry-leading HCF product can enable fast, reliable and secure networking for global, enterprise and large-scale organizations. The acquisition will expand Microsoft's ability to further optimize its global cloud infrastructure and serve Microsoft's Cloud Platform and Services customers with strict latency and security requirements .
<u>Miburo</u>	06-14-2022	Miburo will enhance Microsoft's Cybersecurity and Threat Analysis capabilities. The addition of Miburo will enable Microsoft to expand its threat detection and analysis capabilities to address new cyber-attacks and shed light on the ways in which foreign actors use information operations in conjunction with other cyber-attacks to achieve their objectives. Miburo is a leading expert in the identification of foreign information operations . Miburo's research teams detect and attribute malign and extremist influence campaigns across 16 languages . The combination of Microsoft and Miburo will help to stop foreign adversaries from threatening public and private sector customers and, in fact, the very foundations of our democracy.
<u>Minit</u>	03-31-2022	Minit currently enables businesses to transform the way they analyze, monitor and optimize their processes . Minit's solutions have helped businesses gain deep insights into how processes run , uncover root causes of operational challenges and help mitigate undesired process outcomes. This acquisition will further empower Microsoft to help our customers digitally transform and drive operational excellence by creating a complete picture of their business processes, enabling every process to be easily and automatically analyzed and improved. Customers will be able to better understand their process data, uncover what operations look like in reality and drive process standardization and improvement across the entire organization to ensure compliance at every step .
<u>Oribi</u>	02-28-2022	Microsoft's LinkedIn will acquire Oribi , an Israel based marketing analytics company , to further help customers, from marketers to recruiters, gain actionable insights, make smarter decisions and drive business results . The integration of LinkedIn and Oribi will accelerate Microsoft's marketing attribution and codeless analytics capabilities .
<u>Activision Blizzard</u>	01-18-2022	Microsoft announced plans to acquire Activision Blizzard Inc. (Nasdaq: ATVI), a leader in game development and interactive entertainment content publisher. This acquisition will accelerate the growth in Microsoft's gaming business across mobile, PC, console and cloud and will provide building blocks for the metaverse . "The combination of Activision Blizzard's world-class talent and extraordinary franchises with Microsoft's technology, distribution, access to talent, ambitious vision and shared commitment to gaming and inclusion will help ensure our continued success in an increasingly competitive industry."

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Pages MSFT_ESA Abbas_MSFT Link + Bookmarks

Bing

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- [My YouTube Channel \(new\)](#)
- [Abbas Kudrati: books, biography, latest update](#)
- [Abbas Kudrati, Author at Microsoft Security Blog](#)
- [My conference's slides collection](#)
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My Short Bio / Profile

List of cool collections of interesting portals and links

- [The History of Microsoft Azure](#)
- [Chief Information Security Officer \(CISO\) Workshop](#)
- [Mark Simos's List](#)
- [Microsoft 365 Licensing](#)
- [Collection of Microsoft Portals Link](#)
- [CISO MindMap 2023: What do InfoSec Professionals...](#)
- [CISO Bookmarks](#)
- [John Savill's Technical Training](#)
- [Microsoft Cybersecurity Reference Architecture](#)
- [Microsoft Service Trust Portal](#)
- [Microsoft Defender Mind Map](#)

Online meeting booking portal for Abbas Kudrati

Online meeting booking portal

Event speaker request form for Abbas Kudrati

Event speaker request form

Microsoft Threat Intel Collection

- [Global Threat Activity](#)
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Incident and Crisis Management related info...

Report a Microsoft issue or vulnerability

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Incident response playbooks

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Incident Response Reference Guide

Incident response insights

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NIST Guide for Cybersecurity Event Recovery

Security Operations Self-Assessment Tool| Micros...

What's New: SOC Process Framework is Now Live...

MSRC & MSTIC (Live feed)

Updating our Vulnerability Severity Classification for AI Systems 3 months ago – The Microsoft Security Response Center (MSRC) is always looking for ways to provide clarity and transparency around how we assess the impact of vulnerabilities...

Congratulations to the MSRC 2023 Most Valuable Security Researchers! 3 months ago – The Microsoft Researcher Recognition Program offers public thanks and recognition to security researchers who help protect our customers through discovering...

Microsoft Bug Bounty Program Year in Review: \$13.8...

Microsoft mitigates Power Platform Custom Code Inf...

BlueHat October 2023 Call for Papers is Now Open!

Microsoft Product Ninja Trainings

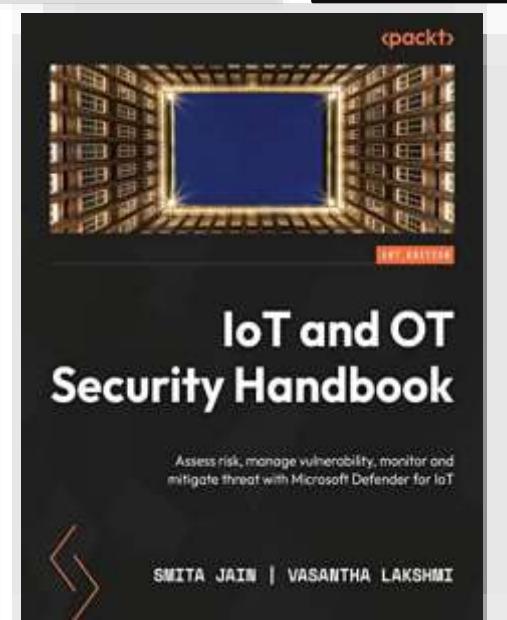
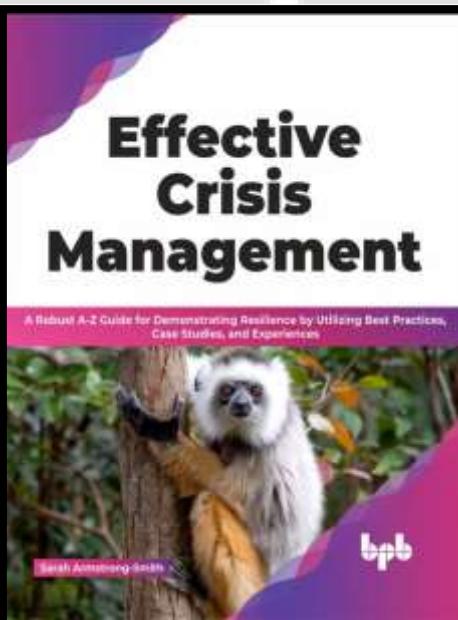
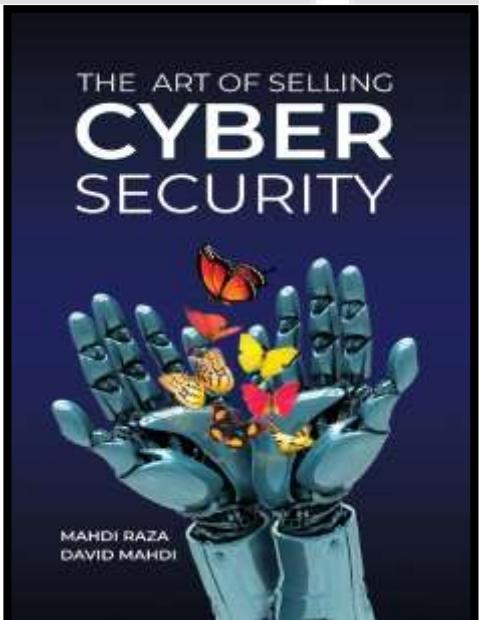
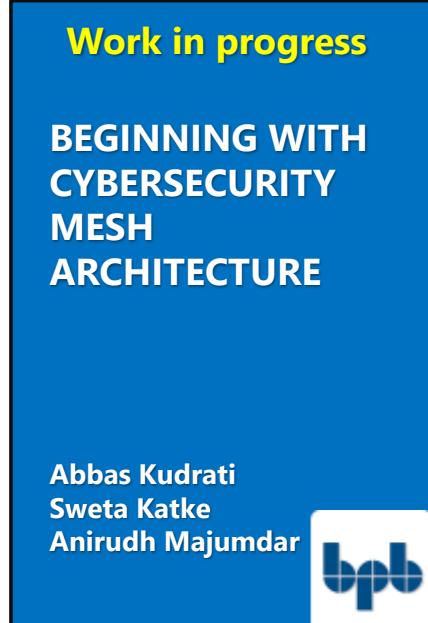
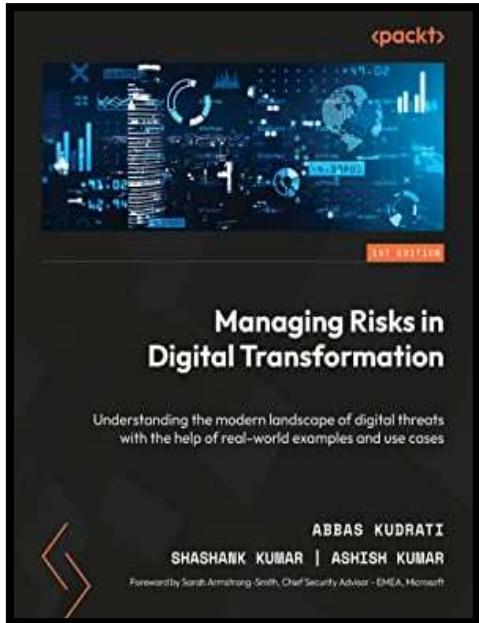
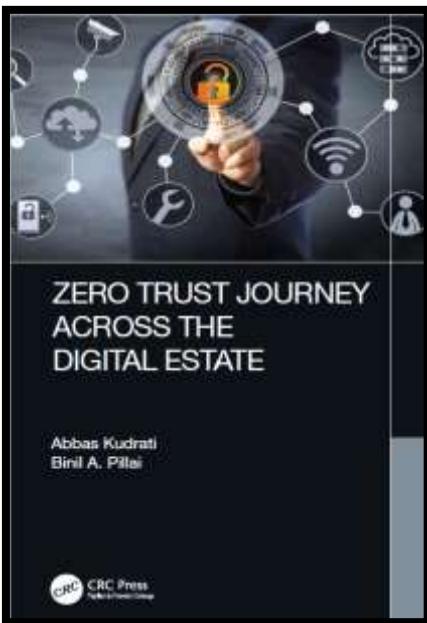
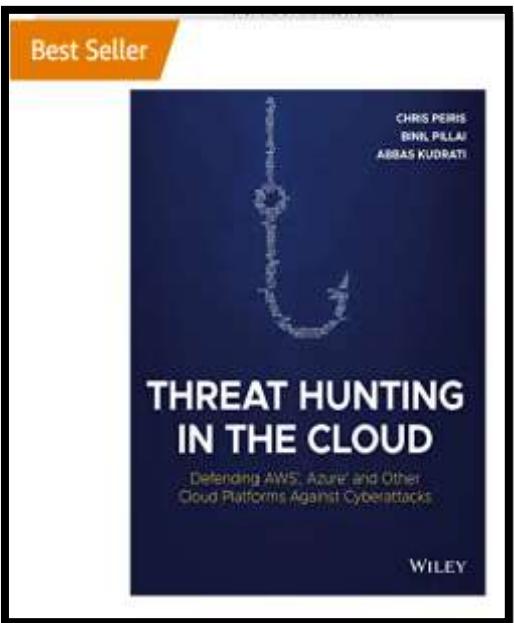
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Microsoft Security Update Guide (Live feed)

- [Chromium: CVE-2023-6112 Use after free in Navigation](#)
- [Chromium: CVE-2023-5997 Use after free in Garbage ...](#)
- [CVE-2023-36008 Microsoft Edge \(Chromium-based\) ...](#)
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