



**Enter the Matrix
Where Security
Copilot is your Neo!**



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Security Technical Specialist | CCSP CISSP CISM



**MICROSOFT
COPILOT**

The Microsoft Copilot logo consists of a large, stylized, three-dimensional teal cube with a black 'X' cutout in the center. Below it, the words "MICROSOFT COPILOT" are written in a bold, sans-serif font, with "MICROSOFT" in a lighter teal color and "COPILOT" in a darker teal color.

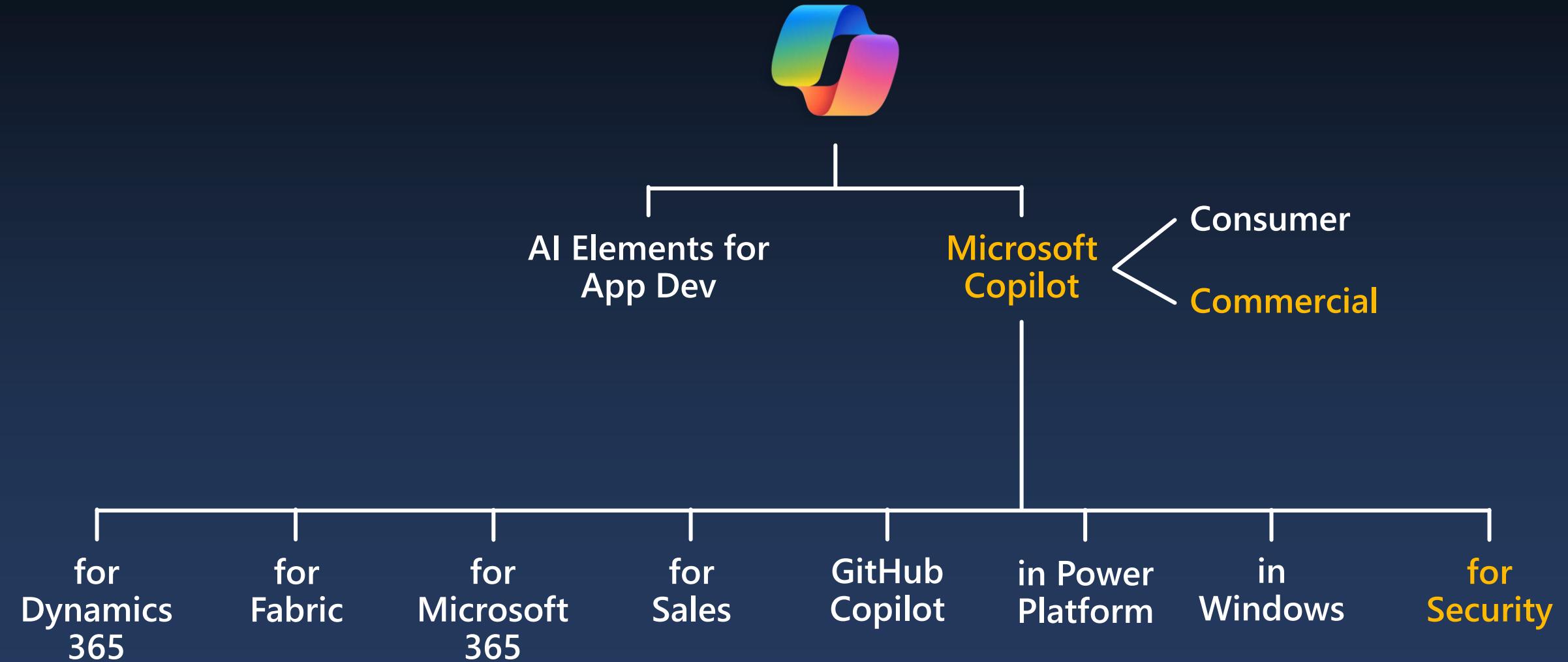
Agenda

Introduction Security Copilot
Explore Security Copilot in Entra
Unlock hidden identity features



MICROSOFT
COPILOT

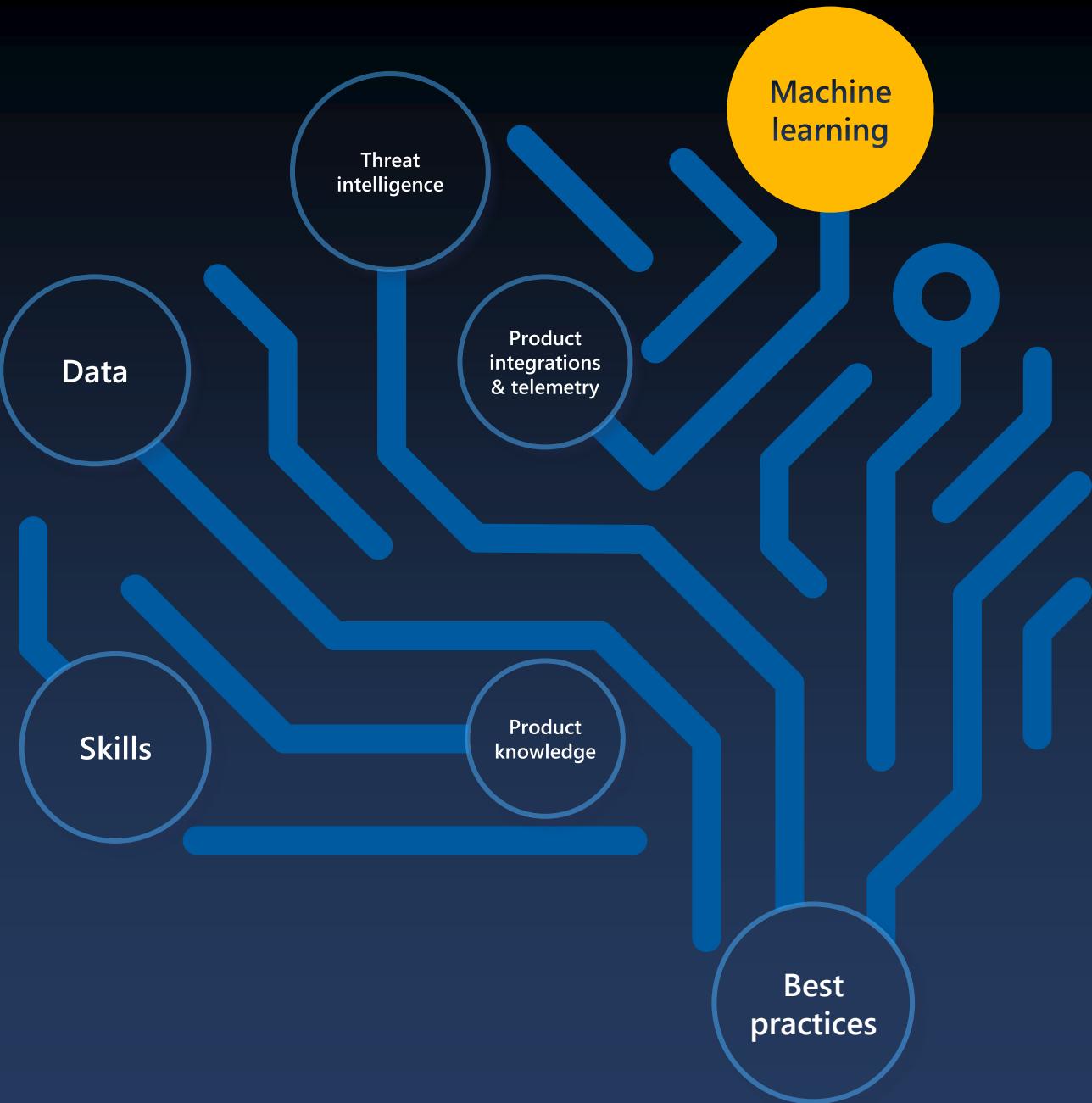
The Microsoft AI Landscape





Microsoft Security Copilot

The first generative AI security product that empowers security and IT teams to defend at the speed and scale of AI



End-to-end security at machine speed and scale

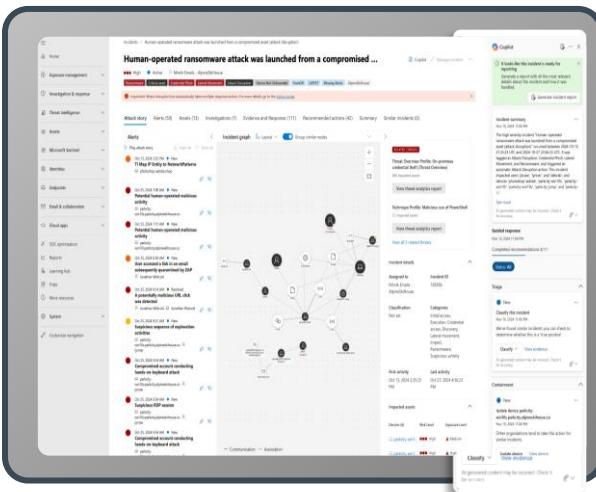
Microsoft Security Solutions	Available in the standalone experience	Available as an embedded experience	
 Microsoft Defender XDR	✓	✓	Rapid investigation and response Investigate with AI-assisted insights and quickly pivot to remediation with actionable, prioritized recommendations
 Microsoft Sentinel	✓	✓ *	Scaled visibility Quickly assess security posture, threats and policy or compliance gaps. Access summaries with context to understand the potential impacts.
 Microsoft Intune	✓	✓	Faster troubleshooting Get deep understanding of device, user, access, and app status to resolve issues quickly. Find and remediate policy issues faster with natural language prompts.
 Microsoft Entra	✓	✓	Advanced skills unlocked Script analysis and natural language to KQL and KeyQL empower any team member to complete complex tasks with confidence.
 Microsoft Purview	✓	✓	
 Microsoft Defender for Cloud	✓	✓	

*Available as part of the Unified Security Operations Platform.

Evolution of Security Copilot

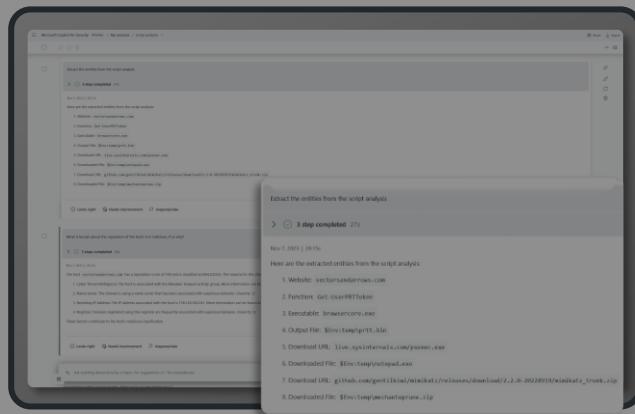
Embedded

Offers the intuitive experience of getting Copilot guidance natively within the products that your team members already work from and are familiar with



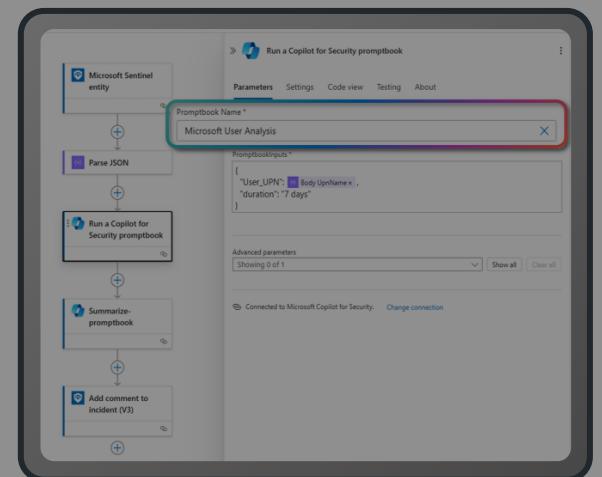
Standalone

Helps teams gain a broader context to troubleshoot and remediate incidents faster within Copilot itself, with many use cases in one place, enabling enriched cross-product guidance



Automation

Helps teams accelerate response with built-in and custom promptbooks as well as integration with Logic Apps



Security Copilot Platform

Demo #1

Setup Security Copilot & integration
in Microsoft Entra



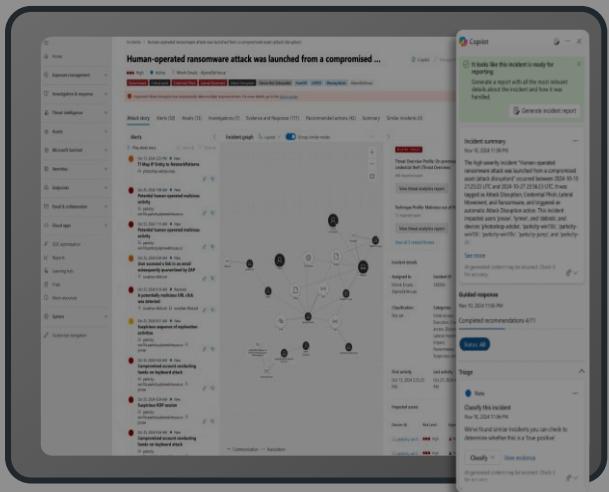
MICROSOFT
COPILOT



Evolution of Security Copilot

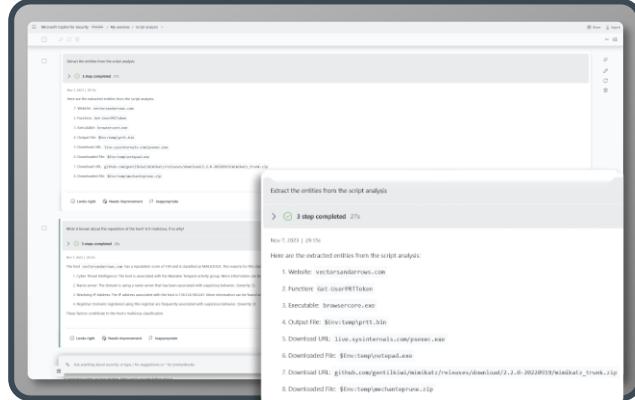
Embedded

Offers the intuitive experience of getting Copilot guidance natively within the products that your team members already work from and are familiar with



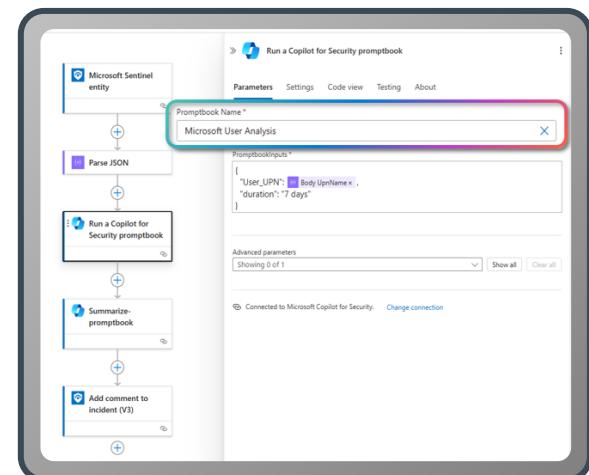
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Helps teams gain a broader context to troubleshoot and remediate incidents faster within Copilot itself, with many use cases in one place, enabling enriched cross-product guidance



Automation

Helps teams accelerate response with built-in and custom promptbooks as well as integration with Logic Apps



Security Copilot Platform

Elements of effective prompts

Goal

What is the specific security-related information you need?



Context

What is the workflow focus or analysis for a tailored response?



Source

Is there a plugin, known info, or data source Security Copilot should use?



Expectations

How will the information be used and what is the desired format?

"Give me information about Simon Templar..."

"...that includes the most recent risky sign-ins..."

"...in Entra..."

"...summarize into a list of recommendations that I can submit to my manager."

Plugins

Pre-built

Pre-built plugins from 1st & 3rd Party applications & services. Invoke skills within plugins using natural-language prompts or direct skill invocation. Enable Plugins for all users or just you; Admins have the control!

Custom

You can build your own plugins (API, GPT, KQL) to enrich your investigations.

Manage sources

Plugins Manage plugins Turn on or create your own plugins to give Copilot access to the security services and websites you use. [Learn more](#)

All (58) On (17) Off (7) Not set up (34) Category: All

Microsoft

- Agents
- Azure Firewall
- Azure Web Application Firewall Preview

Show 10 more ▾

Non-Microsoft

- CIRCL Hash Lookup (Preview)
- Quest Security Guardian Plugin V1.00 (Preview)

Custom plugin examples



API plugins

- › Additional threat intelligence sources
- › Device IoT systems
- › Perimeter defense systems



KQL plugins

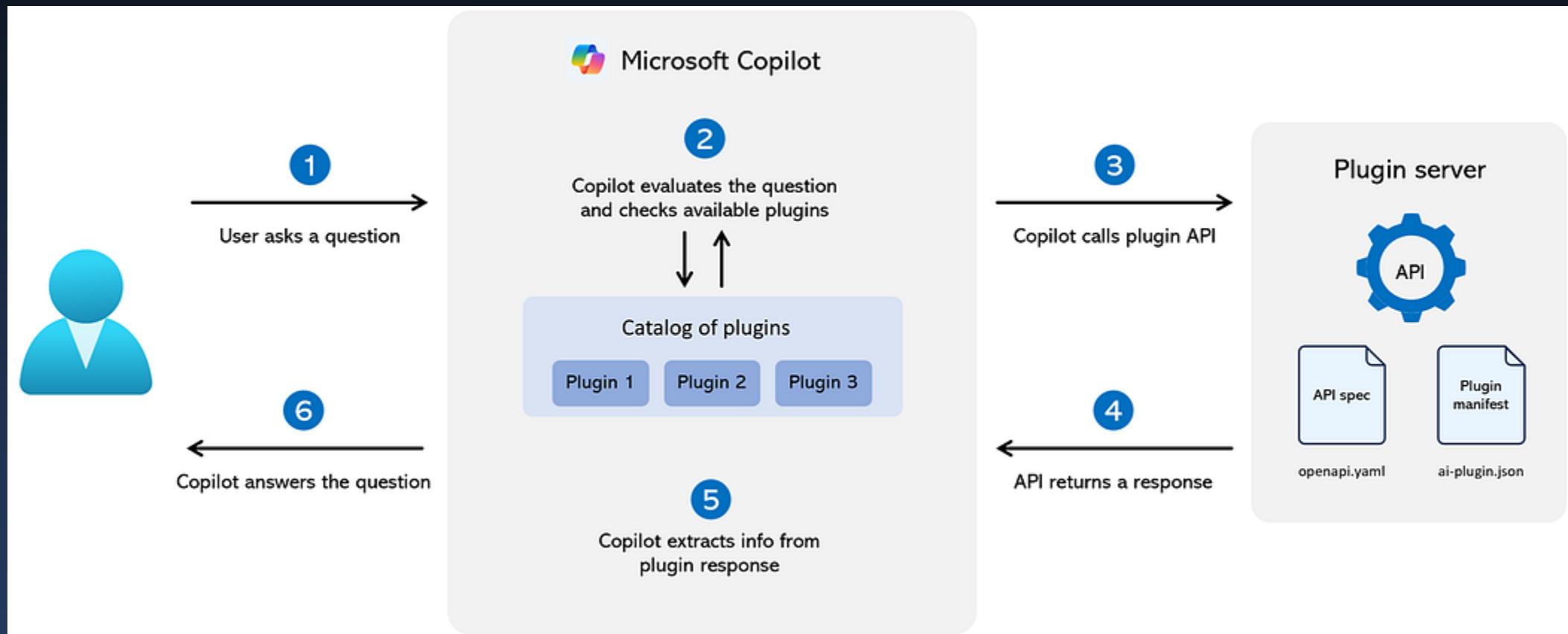
- › Query a KQL database
- › Log analytics workspaces
- › Defender XDR Advanced Hunting



GPT plugins

- › Summarize sessions in specific formats
- › Define reporting structure
- › Reformat specific subtext

How to interact with Security Copilot



A plugin consists of two main components

OpenAPI Specification

This component describes how the API of the plugin works. It defines the endpoints, request and response formats, authentication mechanisms, and any other relevant details about the plugin's API.

```
openapi: 3.0.0
info:
  title: Microsoft Graph API Plugin to access data from Entra ID and Conditional Access Policies
  description: Specification to retrieve information from the Graph API for Conditional Access Policies
  version: "1.0"
servers:
  - url: https://graph.microsoft.com/v1.0
paths:
  /identity/conditionalAccess/policies:
    get:
      operationId: ListCAPolicies
      summary: List all Entra ID Conditional Access Policies.
      responses:
        200:
          description: Successful retrieval.
        401:
          description: Unsuccessful authentication.
```

Plugin Manifest

The plugin manifest file is used to explain to Copilot how to use the plugin. The manifest file helps Copilot understand how to integrate and interact with the plugin.

```
Description:
  Name: Conditional Access - Graph API Plugin
  DisplayName: Conditional Access - Graph API Plugin
  Description: Retrieves information from Microsoft Graph API with the current user permissions.
  Authorization:
    Type: AADDelegated
    EntraScopes: https://graph.microsoft.com/.default
SkillGroups:
  - Format: API
    Settings:
      OpenApiSpecUrl: https://raw.githubusercontent.com/rdejong1979/security-copilot-plugins/refs/
```

KQL Type Plugin

Help the orchestrator to select this plugin with good description and example prompts

Descriptor:

Description: >

Identity Security skills to query Identity events for detection and forensics hunting across User Risk Assessment, Sign-in Monitoring, Admin Activity Monitoring, Application Usage Monitoring, Privileged Identity Management, Access Review

SkillGroups:

- Format: KQL

Skills:

- Name: Identity GetUserRiskAssesment

DisplayName: Get User Risk Assessment

Description: >

Fetches the user risk levels based on their activities. This could include sign-in attempts from unfamiliar locations, repeated failed sign-in attempts, or other suspicious behavior.

ExamplePrompt:

- "Get all risky users"
- "Fetch risky users"
- "Run users risk assessment"
- "List all risky users"

Settings:

Target: Defender //

Template: | -

```
// Query to fetch user risk events with sign-in details
let RiskyEvents = AADUserRiskEvents
| where TimeGenerated > ago(1d)
| project UserPrincipalName, RiskLevel, RiskEventType, TimeGenerated;
let SignInAttempts = SigninLogs
| where TimeGenerated > ago(1d) // Same time filter
| summarize AttemptCount = count(), FailedAttempts = sumif(1, ResultType != 0) by UserPrincipalName, Location = tostring(LocationDetails), IPAddress, TimeGenerated;
RiskyEvents
| join kind=inner (SignInAttempts) on UserPrincipalName
| where RiskLevel != "None" // Filter out non-risky users
| project UserPrincipalName, RiskLevel, RiskEventType, AttemptCount, FailedAttempts
| order by RiskLevel desc, TimeGenerated desc
| take 1000
```

Query input

Target can be:

- Sentinel
- Defender
- Log analytics
- ADX

Return only the fields you need

```
1 openapi: 3.0.1
2 info:
3   title: Microsoft Graph API - List Conditional Access Policies
4   description: Retrieve a list of conditional access policy objects.
5   version: 1.0.0
6 servers:
7   - url: https://graph.microsoft.com/v1.0
8 path:
9   /identity/conditionalaccess/policies:
10  get:
11    summary: List conditional access policies
12    description: Retrieve a list of conditional access policy objects.
13    operationId: listConditionalAccessPolicies
14    parameters:
15      - name: $skip
16        in: query
17        description: Skip the first n results.
18        required: false
19        schema:
20          type: integer
21      - name: $top
22        in: query
23        description: Show only the first n results.
24        required: false
25        schema:
26          type: integer
27      - name: $count
28        in: query
29        description: Include count of items.
30        required: false
31        schema:
32          type: boolean
33      - name: $filter
34        in: query
35        description: Filter items by property values.
36        required: false
37        schema:
38          type: string
39      - name: $orderby
40        in: query
41        description: Order items by property values.
42        required: false
```

API Type Plugin

In the **info object** is like a summary of key details about the API. It usually includes things like the title, a brief description, the version number, and links to stuff like licenses and terms of service. The only things that are required in there are the title and version

In the **servers object**, we can list one or more main paths used in requests to the API. This section is in array format, so each path needs to be specified separately, unlike the values in the info section. The basepath is the part of the web address that comes before the specific endpoint. The only required property is the url

The Paths object

The paths object can be seen as a roadmap for the endpoints available within the API. It provided details on how to access the endpoints and what actions you can perform. Each endpoint is represented by a unique path within the paths object. To break this section a bit more down into digestible chunks, I will describe the most important parts.

- path
- HTTP methods
- operation object ...

Operation Object

For each HTTP method specified, there must be an associated operation object containing additional information about the operation. Examples of these operation objects are parameters, request body, responses, etc.

The only required values are summary and the operation object responses
The summary field provides a brief, human-readable description of the endpoint.

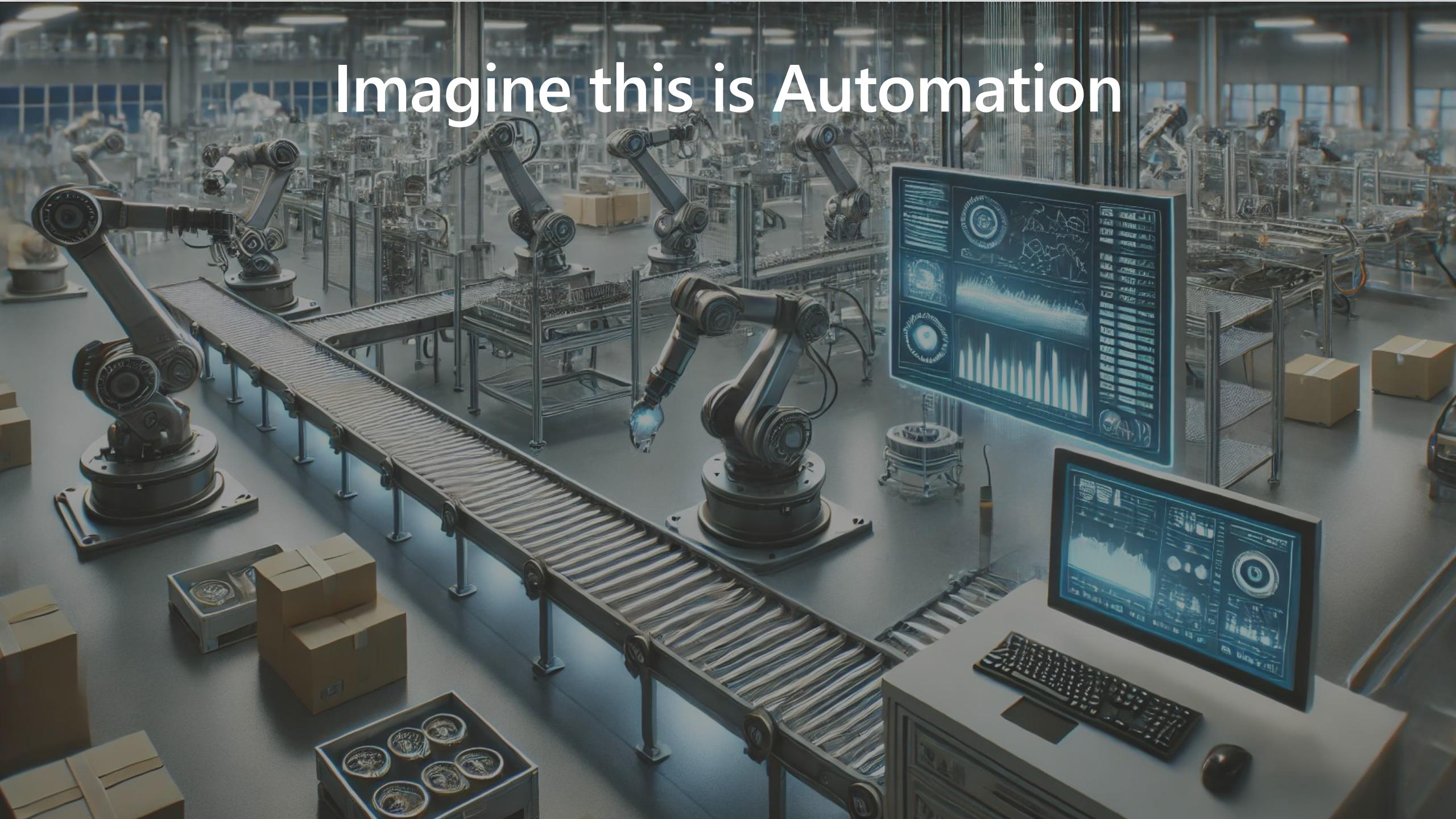
In the responses section, we define the possible responses that the API can return when that endpoint is accessed. It contains the HTTP status codes and their corresponding descriptions.
Optionally, the responses section includes details about the response payload, like the format and schema definition.

Parameter Object

You don't have to use the parameter object, but it's handy when making a plugin for Copilot(s). If you include the parameter object in the path item, the parameters will affect all actions on that path. Alternatively, you can place parameters in the operations object, where they'll only affect that specific action.

Depending on the API, the parameters can reside in different locations, indicated by the in field.

Imagine this is Automation

A wide-angle shot of a modern, high-tech factory. In the foreground, several articulated robotic arms are positioned above a conveyor belt system. One arm is in the process of picking up a small object from a box. To the right, a large computer workstation features a monitor displaying complex, glowing blue data visualizations such as line graphs, circular charts, and 3D models. The factory floor is made of polished metal and glass, reflecting the bright overhead lights. In the background, more robotic arms and industrial equipment are visible, creating a sense of a fully automated manufacturing environment.

Automation is characterized by

Task nature Predefined repetitive rules-based tasks.

Adaptability and learning Low. Unexpected/new scenarios require human intervention.

Task complexity Best suited for repetitive linear tasks or trigger workflows in response to triggers.

Demo #2

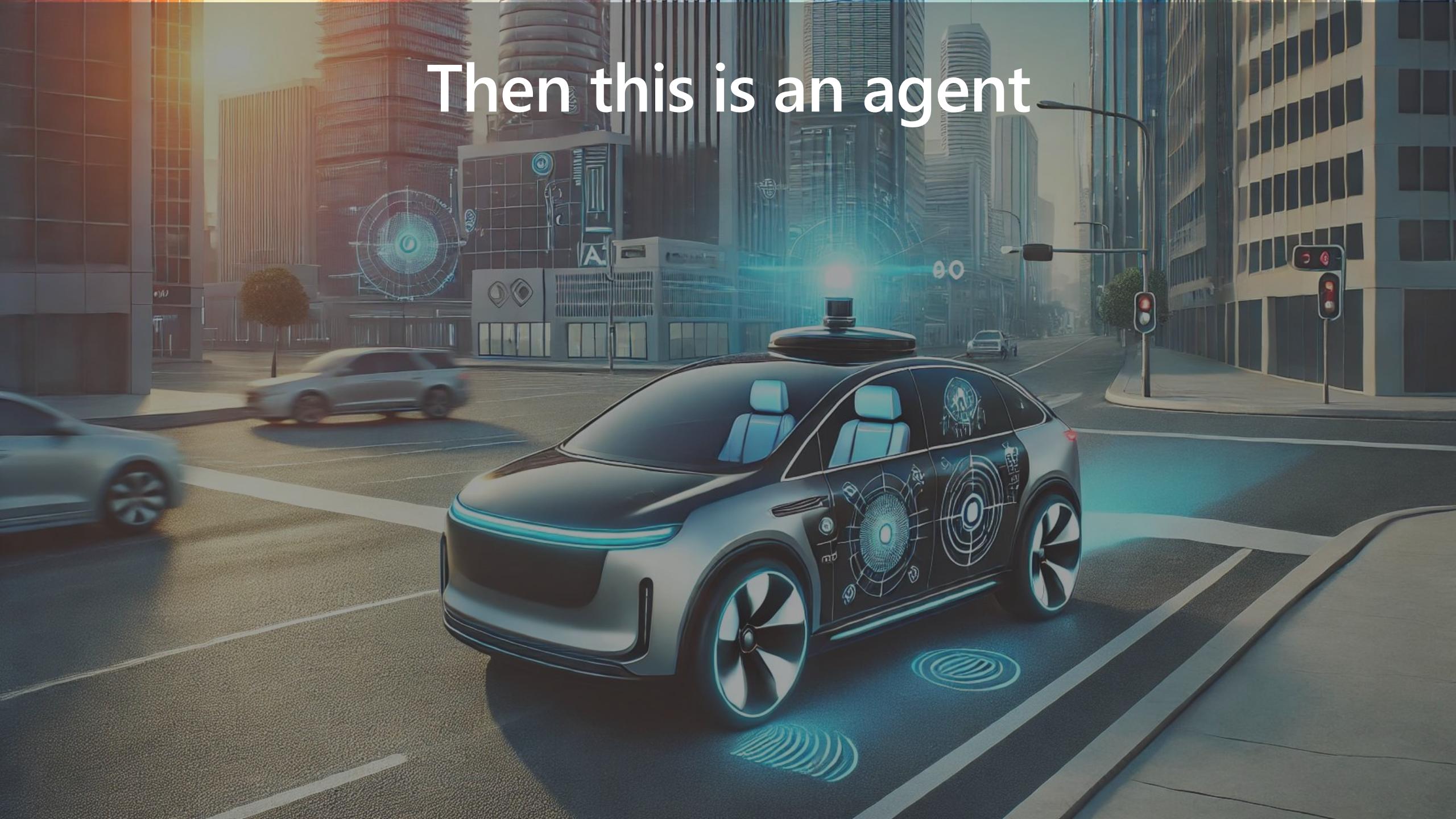
Automation & extend Security Copilot
with Microsoft Entra



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Then this is an agent

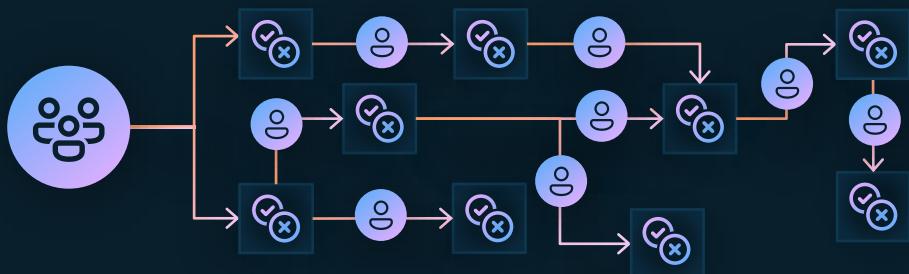


An agent Is different

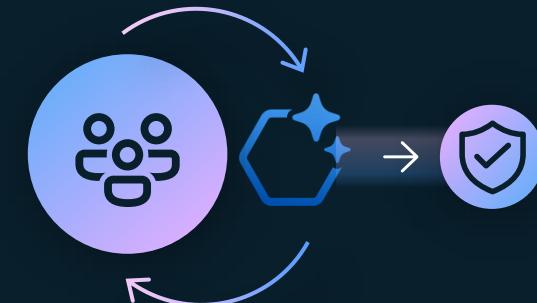
Task nature	Simulates intelligent behavior to create and plan dynamic workflows.
Adaptability and learning	High. Agents learn, analyze patterns, and adapt using reinforcement learning.
Task complexity	Well-suited for complex, non-linear tasks requiring decision making.

Agents go further than traditional automation

Traditional automation



Agentic AI



Rigid



Adaptive

Static



Dynamic

Manual updates



Continuous learning

Pre-defined



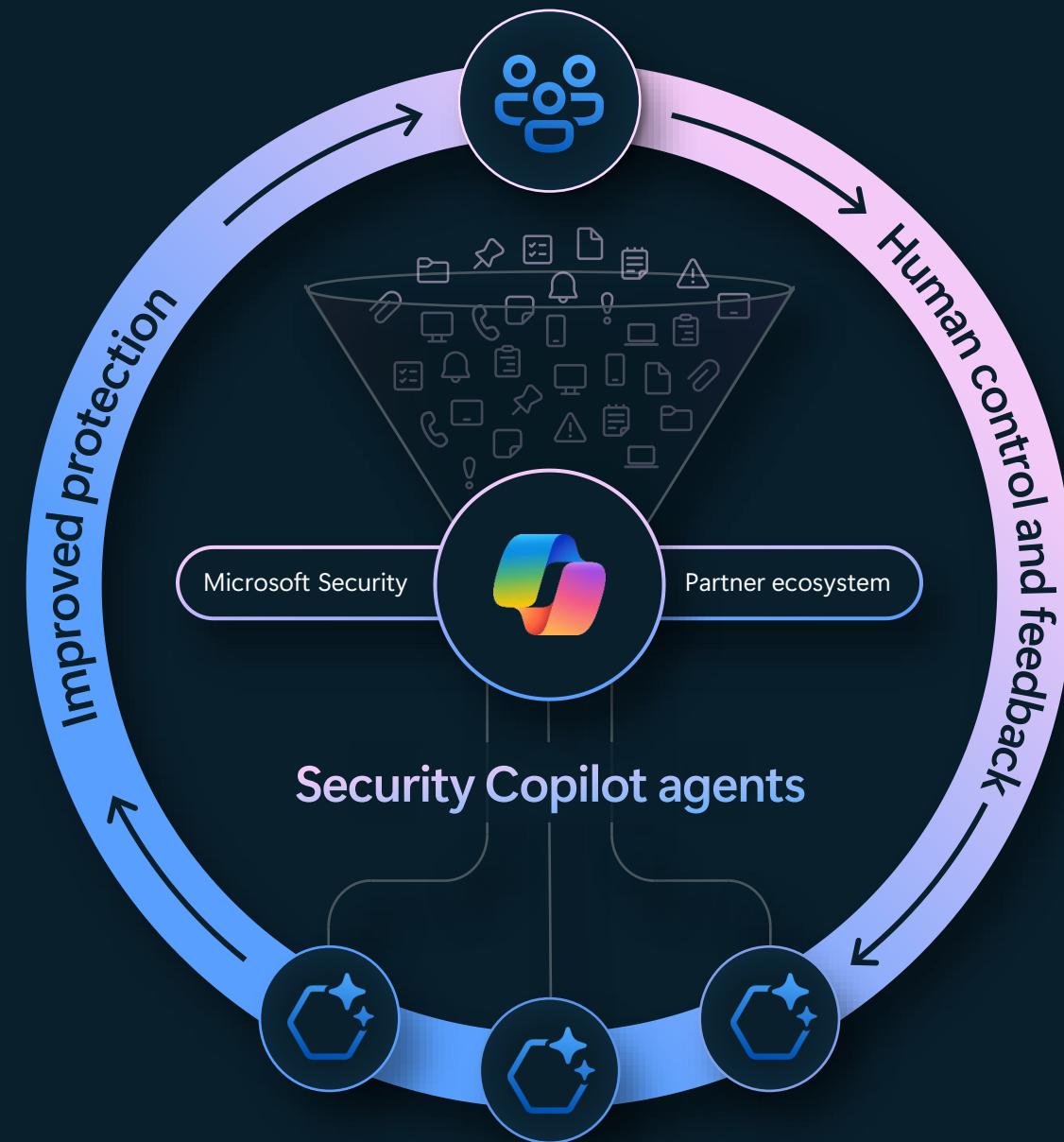
Context-aware

Smarter defense with Security Copilot agents

Seamlessly integrated with Microsoft Security solutions and partner ecosystem, **Microsoft Security Copilot agents** enhance security and IT operations with autonomous and adaptive automation.

Purpose-built for security, agents:

- ✓ continuously learn from feedback
- ✓ dynamically reason and adapt with your team fully in-control
- ✓ operate securely within Microsoft's Zero-Trust framework



Conditional Access Optimization Agent in Microsoft Entra

Quickly identify security gaps

The agent continuously monitors for new users and apps to detect misalignments with Conditional Access policies, reducing unnoticed vulnerabilities.

One-click fixes

Get actionable recommendations with easy one-click remediation, streamlining CA policy updates and enhancing security with minimal effort.

Secure access as conditions change

The agent continually responds to changes in the environment, enhancing protection and reducing manual audits.

The screenshot shows the Microsoft Entra admin center interface. The top navigation bar includes 'Home', 'Agents' (selected), 'Search resources, services and docs', and user profile 'Connie Wilson CONTOSO OUTDOORS'. The main content area is titled 'Conditional Access Optimization Agent (Preview)' under 'Microsoft Entra ID'. It features a summary card with 'Start agent', 'Stop agent', 'Remove agent', and 'Give Microsoft feedback' buttons. Below this are tabs for 'Overview' (selected), 'Suggestions', 'Activity', and 'Settings'. The 'Overview' section displays a message 'The agent completed its run' with a link to 'Review any suggestions about policy updates and new policies'. A large 'Recent suggestions' section shows a table with four rows of data:

Recent suggestions	AI-generated content may be incorrect. Check it for accuracy.
Unplanned users (94)	View the agent's suggestions about policy updates and new policies that were created in report-only mode.
Suggested next steps (44)	Add 16 users to existing policy Suggested policy update Users MFA policy
Action items (1)	Turn on new report-only policy for 32 users Created new policy Users Device compliance policy

Below the table, there are sections for 'Recent activity' (with 1 item) and 'Recent coverage' (with 1 item). The bottom right corner shows a 'View all' button.

Demo #3

Conditional Access Optimization Agent
in Microsoft Entra

MICROSOFT
COPilot



Microsoft Entra

https://entra.microsoft.com

Microsoft Entra admin center

Connie Wilson
CONTOSO OUTDOORS

Home Agents Favorites Entra ID ID Protection ID governance Verified ID Global Secure Access Permissions Management What's new Billing Diagnose & solve problems New support request

Search resources, services, and docs (G+)

Copilot

Microsoft Entra | Home

Security Copilot agents are here

Discover a whole new way to automate security with AI.

Go to agents

Contoso Outdoors

Tenant ID 485739sdije03-8jh8-323o4578... [View](#)

Primary domain contosooutdoors.ms [View](#)

67,876 [View users](#)

56,745 [View devices](#)

7,046 [View groups](#)

32,423 [View apps](#)

My Entra role assignments

125 role assignments

Active role assignments Eligible role assignments

View my roles

55 users at high risk

Number of risky users with risk level "high". [Learn more](#)

↑ 5% in the last 30 days

View high risk users

Shortcuts

Add Sign-ins Audit logs Authentication methods Blocked users Domain names Unused service principals Named locations Cross-Tenant Access Policies Tenant restrictions

Risky sign-ins Risk policies

Get the most out of your licenses and subscriptions

Licenses

Entra P2
Workload ID

Subscriptions **2**

[View license usage](#)

Deployment suggestions

Microsoft suggests that you deploy these features to improve your security posture

Tasks	Time	Progress
Set up risk-based Conditional Access policies	5 minutes	<input type="radio"/> Not started
Get started with passwordless authentication	8 minutes	<input type="radio"/> Not started
Create an access package for guest users	1 minute	<input type="radio"/> Not started

Tenant status

Identity Secure Score **65.15%**

[View recommendations](#)

Microsoft Entra Connect **Enabled**

[View Entra Connect](#)

nt
soft
available

ls new users and apps in your tenant
e they're covered by policies.

Conditional Access Optimization Agent (Preview)



The agent will scan all newly created users and apps from the last 24 hours and determine if they are in scope of at least one policy with multifactor authentication (MFA) or device compliance controls. It will suggest policy changes based on [Zero Trust best practices](#) and create new policies in report-only mode. It won't add new users to existing Conditional Access policies or turn on new policies without your approval. [Learn more about this agent](#)

Trigger

The agent will run once every 24 hours. You will also be able to run the agent manually at any time.

Permissions

- Read access for users, devices, and applications
- Read and write access for groups and Conditional Access policies

Identity

The agent will run using your identity. Agent authentication will expire according to your policies and need to be renewed. [Learn more about agent authentication](#)

Products



Conditional Access

Plugins



Microsoft Entra

Role-based access

Conditional Access Administrators, Security Administrators, Global Administrators. [Learn more about who can use the agent](#)

Once started, the agent will run in your tenant. You can remove the agent or customize the agent output.

Cancel

Start agent



Generating suggestions for gaps identified ...

■ Stop the agent if you want to stop this run.

○ Agent is running

Generating suggestions for gaps identified ...

- ✓ Identified gaps based on data analysis
- ✓ Cross-referenced new users with existing policies to determine if new users are included or excluded
- ✓ Scanned your tenant's Conditional Access policies for policies enforcing multifactor authentication access control
- ✓ Scanned your tenant's audit log to identify new users added in the last 24 hours

Performance highlights ⓘ

Unprotected users discovered ⓘ

Sign-ins protected ⓘ

Recent suggestions

AI-generated content may be incorrect. Check it for accuracy

View the agent's suggestions about policy updates and new policies that



The agent completed its run

[Review any suggestions](#) about policy updates and new policies

Agent is active

Agent finished running on March 18, 2025 at 9:07 AM. [View run](#)

The agent is next scheduled to run on March 19, 2025 at 9:00 AM.

Performance highlights

Unprotected users discovered

Sign-ins protected

63

0

About this agent

The agent will scan all newly created users and apps from the last 24 hours and determine if they are in scope of at least one policy with

Recent suggestions

AI-generated content may be incorrect. Check it for accuracy

View the agent's suggestions about policy updates and new policies that

Suggested next steps

Add 16 users to existing policy

Actions

Sugges

Turn on new report-only policy for 47 users

Created

[View all](#)

Microsoft Entra

https://entra.microsoft.com

Microsoft Entra admin center

Search resources, services, and docs (G+)

Copilot

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CONTOSO OUTDOORS

Home > Agents >

Conditional Access Optimization Agent (Preview)

Microsoft Entra ID

Start agent Stop agent Remove agent Give Microsoft feedback

Overview Suggestions Activity Settings

The agent completed its run

Review any suggestions about policy updates and new policies

Agent is active

Agent finished running on March 18, 2025 at 9:07 AM. [View run](#)

The agent is next scheduled to run on March 19, 2025 at 9:00 AM.

Performance highlights

Unprotected users discovered 63 Sign-ins protected 0

About this agent

The agent will scan all newly created users and apps from the last 24 hours and determine if they are in scope of at least one policy with multifactor authentication (MFA) or device compliance controls. It will suggest policy changes based on Zero Trust best practices and create new policies in report-only mode. It won't add new users to existing Conditional Access policies or turn on new policies without your approval. [Learn more about this agent](#)

Products

Conditional Access

CA3: MFA for Engineering

Conditional Access policy

Policy details Policy impact (Preview)

Edit Duplicate Download JSON Delete

Agent suggestion: Add 16 users to policy

The agent found 16 new users that are not in scope of any Conditional Access policies requiring multifactor authentication (MFA) control. The agent has created a new group for those users and has identified the policy CA3: MFA for Engineering as an existing policy that the group can be added to. This policy require users to satisfy MFA controls before accessing resources targeted in the policy. These new users were added to the Contoso tenant by Lauren Baker on 2/22/25 at 1:56 PM.

Apply suggestion Review policy changes

View agent's full activity

Recent suggestions AI-generated content may be incorrect. Check it for accuracy

Suggested next steps Actions taken by agent

Add 16 users to existing policy	Suggested policy update
Turn on new report-only policy for 47 users	Created new policy

[View all](#)

Policy details

Name: CA3: MFA for Engineering

State: Enabled

Created by: User

Included identities (1): 1 group

Excluded identities (0): None selected

Included cloud apps (1): All applications

Requirements for access (1): Require multifactor authentication

Created date: 11/15/2022, 4:03:09 PM

Modified date: 6/27/2024, 9:55:36 AM

Microsoft Entra

https://entra.microsoft.com

Microsoft Entra admin center

Search resources, services, and docs (G+)

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CONTOSO OUTDOORS

Home > Agents > Conditional Access Optimization Agent (Preview) >

9:51 AM, 2/23/25 ... Agent activity

Workflow

```
graph LR; Start(( )) --> Q1[Are new identities covered by policy?]; Q1 --> A1[Conditional Access Optimization Agent]; A1 --> Q2[16 new unprotected users - multifactor authentication  
47 new unprotected users - device compliance]; Q2 --> A2[Conditional Access Optimization Agent]; A2 --> Q3[34 new users - protected by policy  
3 new apps - protected by policy]; Q3 --> A3[Conditional Access Optimization Agent]; A3 --> Review[Reviewing Zero Trust best practices]; Review --> S1[Suggestion: Add 16 users to policy]; Review --> S2[Suggestion: Review new device com policy created for 47 users]; S1 --> Review; S2 --> Review;
```

...
Users
...
Completed 2mins 30secs

Are new identities covered by policy?
March 18, 2025 9:04:11 AM
Partially

Conditional Access Optimization Agent

16 new unprotected users - multifactor authentication
47 new unprotected users - device compliance
March 18, 2025 9:06:58 AM
Needs attention

Completed 16 sec

34 new users - protected by policy
3 new apps - protected by policy
March 18, 2025 9:06:58 AM
Following best practice

Completed 16 sec

Reviewing Zero Trust best practices
March 18, 2025 9:07:21 AM
Completed 4.5 sec

Suggestion: Add 16 users to policy
March 18, 2025 9:07:28 AM
Needs review

Suggestion: Review new device com policy created for 47 users
March 18, 2025 9:07:28 AM
Needs review

Microsoft Entra

https://entra.microsoft.com

Microsoft Entra admin center

Search resources, services, and docs (G+)

Copilot

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CONTOSO OUTDOORS

Home > Agents > Conditional Access Optimization Agent (Preview) >

9:51 AM, 2/23/25 ...

Agent activity

Workflow

```
graph LR; Start[Agent run '8:00 AM, 2/23/25' started by trigger] --> User[Are there new users?]; Start --> App[Are there new applications?]; User --> CompletedUser[Completed]; App --> CompletedApp[Completed]; CompletedUser --> Partially[Partially covered by policy]; CompletedApp --> Partially
```

Conditional Access Optimization Agent

Agent run '8:00 AM, 2/23/25' started by trigger

March 18, 2025 9:01:05 AM

Completed 3.4 sec

Conditional Access Optimization Agent

Are there new users?

March 18, 2025 9:01:05 AM

Yes

Completed 45 sec

View new users

Conditional Access Optimization Agent

Are there new applications?

March 18, 2025 9:01:05 AM

Yes

Completed 1 min 10 sec

View new apps

Conditional Access Optimization Agent

Are new identities covered by policy?

March 18, 2025 9:04:41 AM

Partially

Completed 2mins 30secs

16 new identities

47 new identities

Needs review

34 new identities

3 new identities

Follow

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Microsoft Entra admin center

Search resources, services, and docs (G+)

Copilot

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CONTOSO OUTDOORS

Home > Agents > Conditional Access Optimization Agent (Preview) >

9:51 AM, 2/23/25 ...

Agent activity

Workflow

Conditional Access Optimization Agent

Suggestion: Add 16 users to policy
March 18, 2025 9:07:28 AM

Needs review Review policy

Suggestion: Review new device compliance policy created for 47 users
March 18, 2025 9:07:28 AM

Needs review Review policy

CA3: MFA for Engineering

Conditional Access policy

Policy details Policy impact (Preview)

Edit Duplicate Download JSON Delete

Agent suggestion: Add 16 users to policy

The agent found [16 new users](#) that are not in scope of any Conditional Access policies requiring multifactor authentication (MFA) control. The agent has created a [new group](#) for those users and has identified the policy [CA3: MFA for Engineering](#) as an existing policy that the group can be added to. This policy require users to satisfy MFA controls before accessing resources targeted in the policy. These new users were added to the Contoso tenant by [Lauren Baker](#) on 2/22/25 at 1:56 PM.

Apply suggestion Review policy changes

View agent's full activity

AI-generated content may be incorrect. Check it for accuracy

Policy details

Name: CA3: MFA for Engineering

Created by: User

State: Enabled

Included identities (1): 1 group

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Search resources, services, and docs (G+)

Copilot

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CONTOSO OUTDOORS

Home > Agents > Conditional Access Optimization Agent (Preview) > 9:51 AM, 2/23/25 >

Agent suggestion: Add 16 users to policy

CA3: MFA for Engineering

Download suggested policy JSON

By approving the suggested changes, the agent will create a new group and update the Conditional Access policy with the proposed changes. You can review policy changes in audit logs. Go to policy

Suggested policy changes JSON view

Name: CA 3: MFA for Engineering

Status: On

Included users:

- Guest or external users: B2B collaboration guest users
- For select Entra ID organizations:
 - Contoso
 - Woodgrove
 - f/128 Photography

Directory roles:

- Entra ID joined device local administrator
- Hybrid identity administrator
- Insights administrator
- Permissions Management Administrator
- Tenant creator
- User administrator

Select users and groups: [Agent created] Run 3/5/25 11:23:12 (16 users) Agent suggestion X

- Engineering group

Excluded users:

Select users and groups: Connie Contoso

Cloud apps or actions:

Cloud apps: Azure Management

Requirements for access:

Grant: Require multifactor authentication

AI-generated content may be incorrect. Check it for accuracy

Apply suggestion Cancel

Directory roles	Entra ID joined device local administrator Hybrid identity administrator Insights administrator Permissions Management Administrator Tenant creator User administrator
Select users and groups	[Agent created] Run 3/5/25 11:23:12 (16 users) Agent suggestion 
	Engineering group
Excluded users	
Select users and groups	Connie Contoso
Cloud apps or actions	
Cloud apps	Azure Management
Requirements for access	
Grant	Require multifactor authentication

Microsoft Entra

https://entra.microsoft.com

Microsoft Entra admin center

Search resources, services, and docs (G+)

Copilot

Connie Wilson
CONTOSO OUTDOORS

Home > Agents >

Conditional Access Optimization Agent (Preview) ⋮

Microsoft Entra ID

Start agent Stop agent Remove agent Give Microsoft feedback

Overview Suggestions Activity Settings

Trigger

This trigger schedules the agent to run every 24 hours, analyzing new users and applications added in the last 24 hours. [Learn more about triggers](#)

On

Objects

Choose which Microsoft Entra objects the agent should monitor for changes:

New users in the last 24 hours

New applications in the last 24 hours

Policies

Choose which access controls the agent should evaluate the Microsoft Entra objects against:

Policies that require multifactor authentication

Policies that require authentication strength

Policies that require device to be marked as compliant

Custom instructions (optional)

Help the agent tailor its results to your needs. For example, tell it to "Exclude new users with "Admin-Breakglass" group membership." [Learn more about custom instructions](#)

Example: Don't add break glass accounts

AI will interpret and apply the instructions, so results might vary.

Save Discard

Key Takeaways

- ...not perfect but takes up rapidly
- ...is here to stay, embrace responsible
- ...ensure a healthy value-cost ratio (use-cases)
- ...have at least one SCU to your disposal
- ...prompt engineering is fundamental for success
- ...respects “OBO” (On-Behalf-Of) principle

MICROSOFT
COPILOT

Useful resources

<https://github.com/Azure/Security-Copilot>

<https://github.com/JanVidarElven/copilot-for-security-plugins>

<https://rogierdijkman.medium.com/part-1-develop-a-basic-security-copilot-plugin-bb2d317f76ef>

<https://learn.microsoft.com/en-us/copilot/security/prompting-security-copilot>