

DIGITAL SURVIVAL
COMPANY



WORKPLACEDUDES

Meetup

ACEDUDES

Security Copilot – Copilot in Entra & Intune

Joery Van den Bosch

27/02/2025



Joery Van den Bosch

Focus:

Microsoft Intune geek, Security Copilot, Blogger, speaker



Professional:

Modern Workplace Architect @ Arxus

Location:

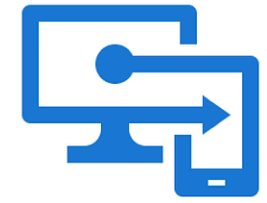
Belgium - Antwerp

Awards



Agenda

- What is Security Copilot – Copilot in Intune
- How to Setup Copilot for Security and enable Copilot for Intune
- SCU's
- Settings
- Plugins
- Promptbooks
- Troubleshooting
- Demo's
- KQL Device Query
- Things to come
- The Elephant in the Room
- Q&A



Microsoft
Intune



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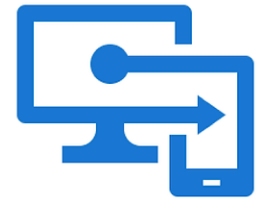
Key Takeaways

- Understand what Security Copilot – Copilot in Intune and Entra is.
- Enable and setup Security Copilot.
- Using Security Copilot in different scenarios.
- Pricing tips & tricks.



Interactive Questions

Get your phones out now, you will need it.



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Have you used some form of AI before?





**Have you used any form of
Microsoft Copilot before?**



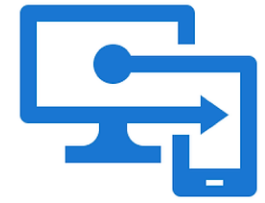


Have you used Security Copilot before?



What is Security Copilot in Intune

- Copilot for Intune is a part of Copilot for Security
- Integrates seamlessly with your Intune data
- Security Admin focused
- Access only Data based on users' permissions
- You need an active Azure subscription to use Copilot for Security
- You can use Copilot Embedded and Standalone

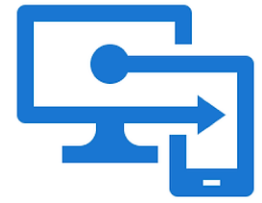


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What is Security Copilot?

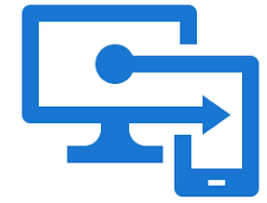


Microsoft
Intune



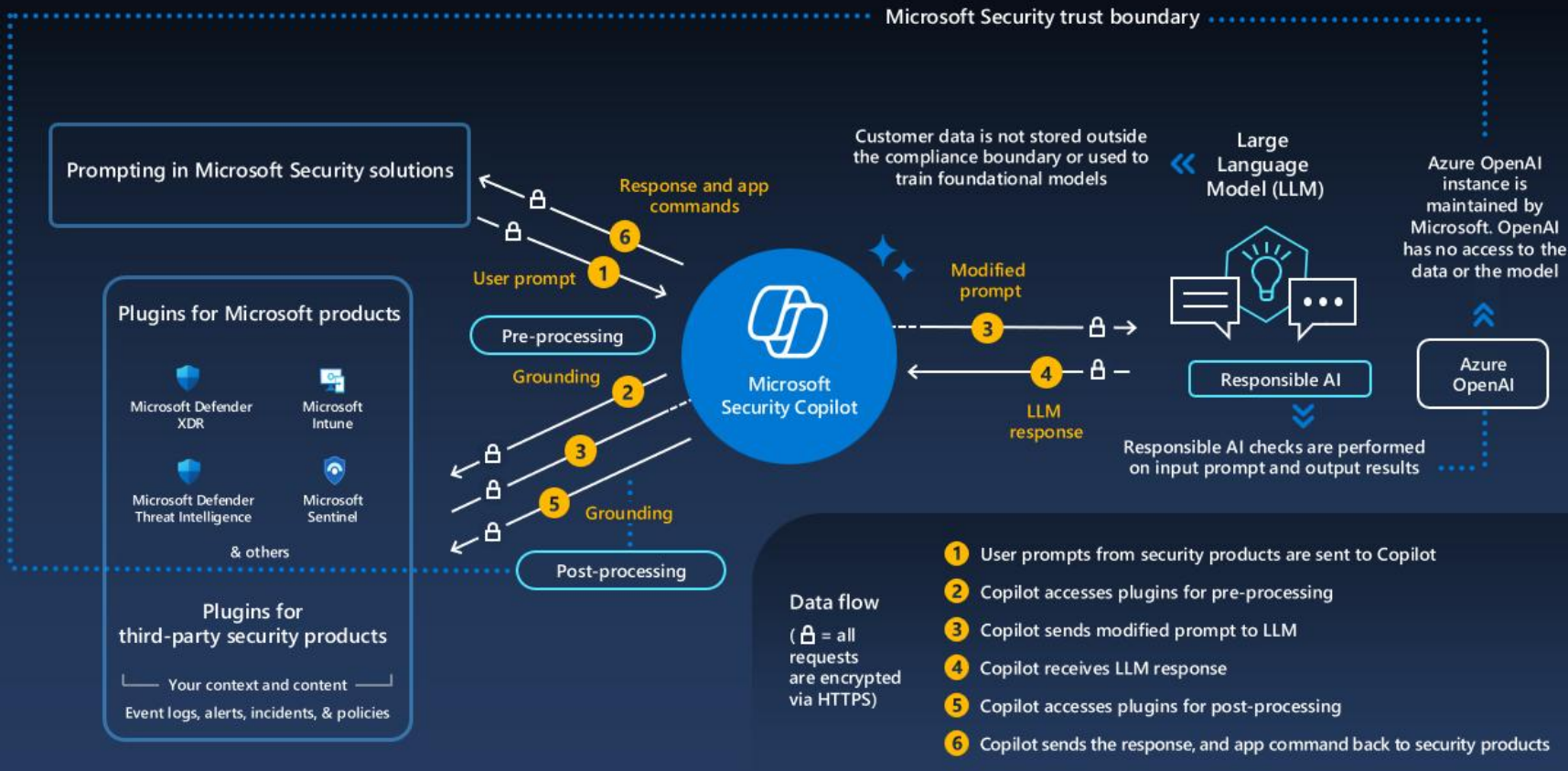
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What is Security Copilot?



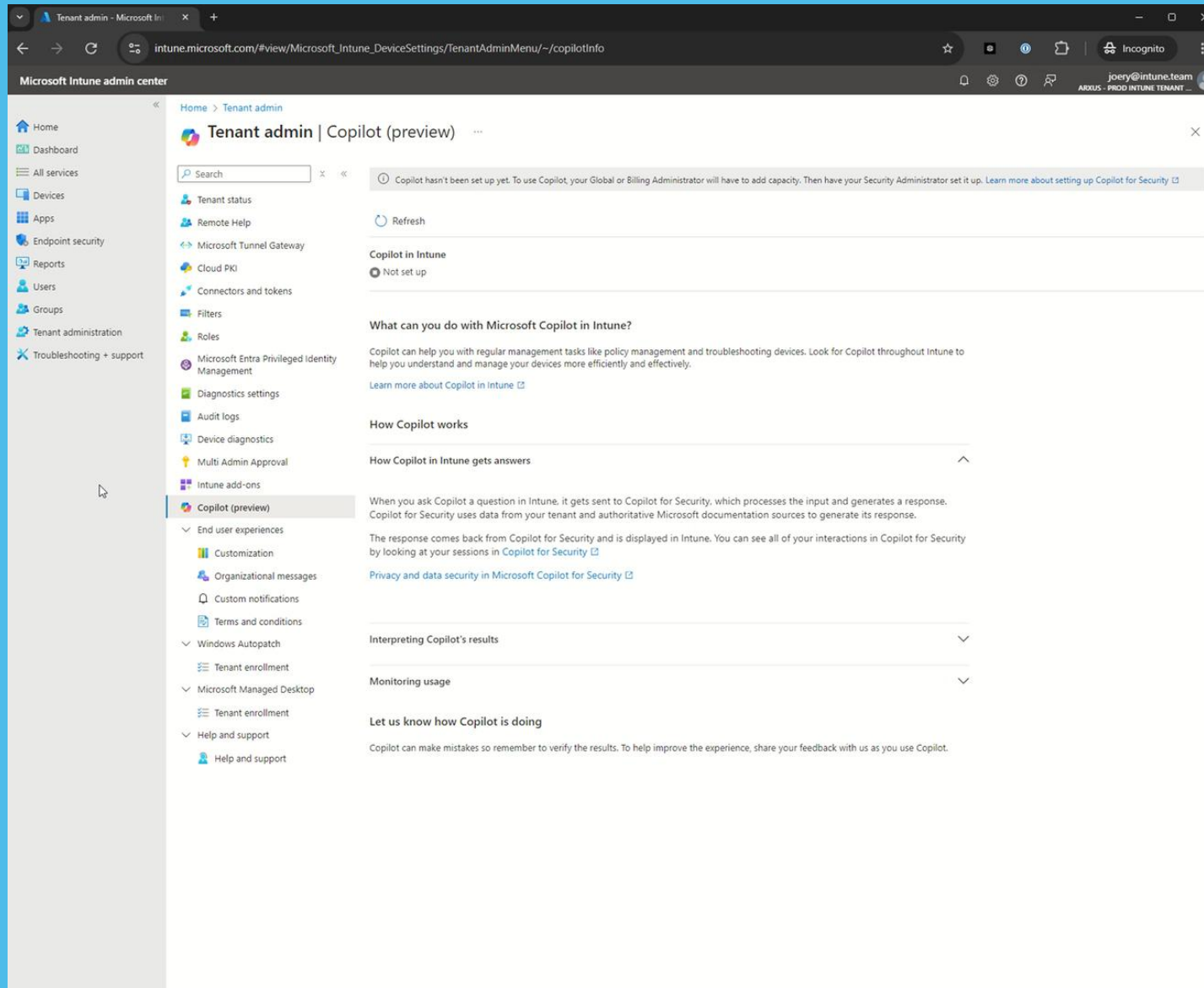
Microsoft
Intune

Microsoft Security Copilot

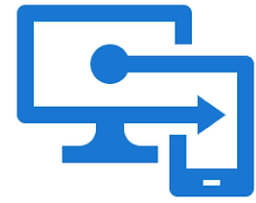


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How to set it up?



The screenshot displays the Microsoft Intune admin center interface. The left sidebar contains navigation links: Home, Dashboard, All services, Devices, Apps, Endpoint security, Reports, Users, Groups, Tenant administration, and Troubleshooting + support. The main content area is titled "Tenant admin | Copilot (preview)". It features a search bar, a list of tenant-related services, and a section for "Copilot in Intune" which is currently "Not set up". Below this, there is a detailed explanation of what Copilot can do, how it works, and how to interpret its results. The interface is clean and professional, with a blue and white color scheme.

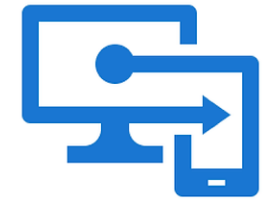
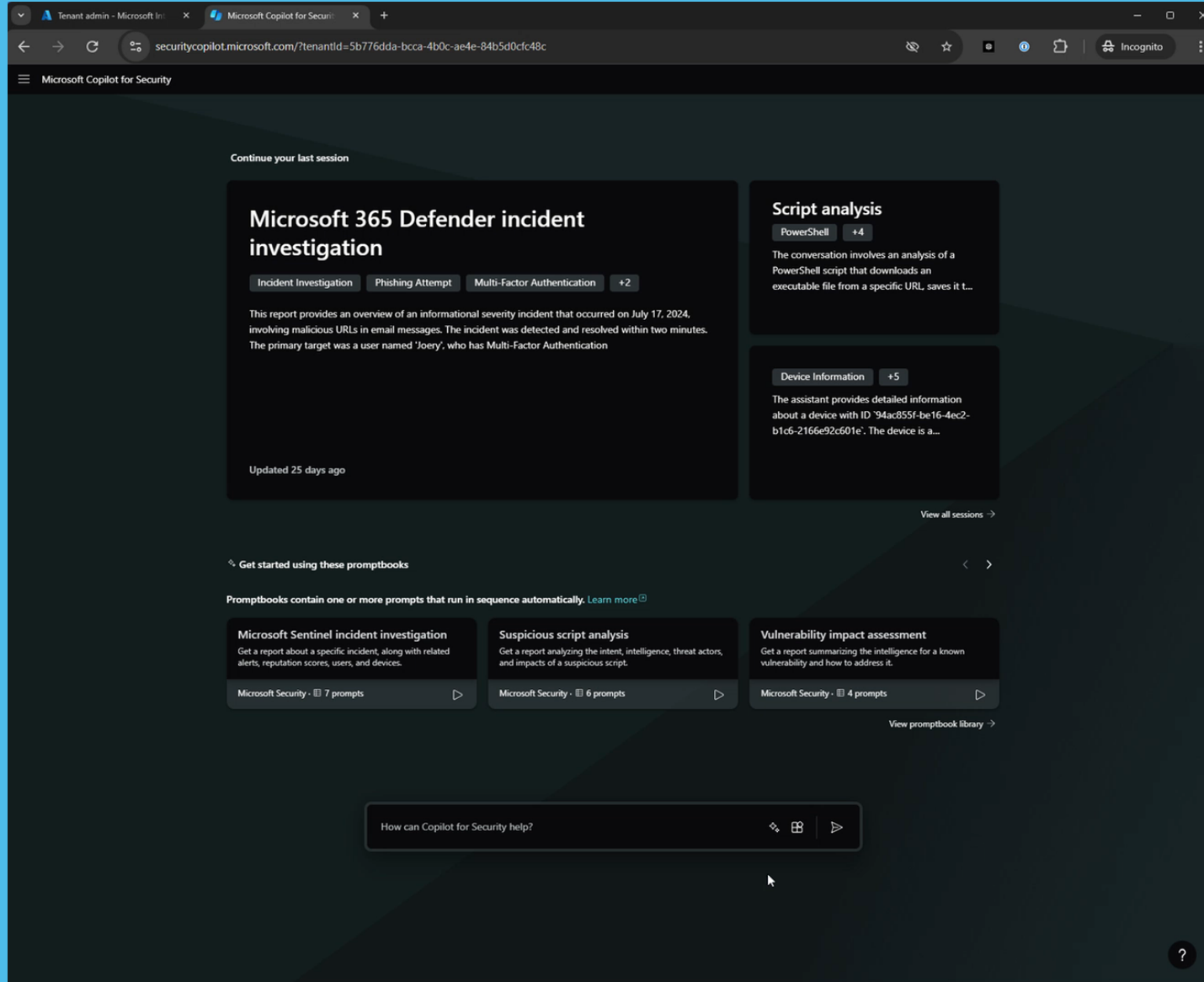


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How to set it up?



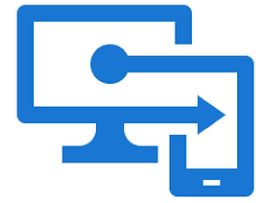
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SCU's

- SCU = Secure Compute Unit
- A unit measure of the compute power to run Security Copilot workloads within the standalone and embedded experiences.



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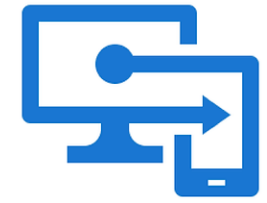
✕ Due to your organization's high usage, Copilot can't respond to requests. Contact a Security Administrator to increase the allowed usage, or try again later. [Learn more](#) ✕



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SCU's

Microsoft has made very good improvements to the overview of cost calculation of the use of the SCU's as you can see now exactly how many units have been used with every prompt.



Microsoft
Intune

Usage monitoring

Last updated 2:35 PM

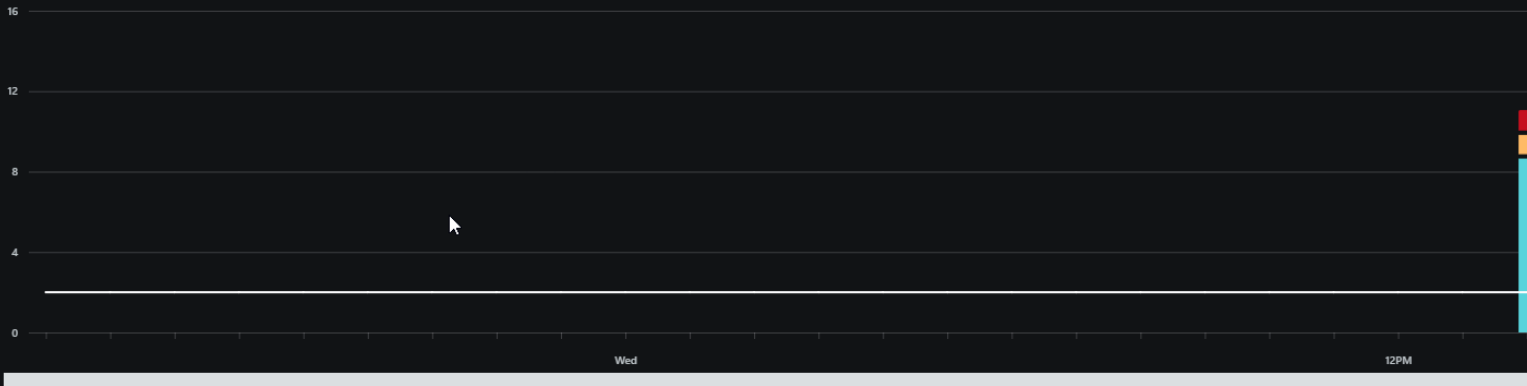
The number of security compute units available to your organization is determined by the units you have purchased per hour. Some usage beyond what you've purchased might be allowed at times. [Learn more about usage](#)





Base units purchased per hour

3 units

Date: Last 24 hours

Change



Date ↓	Units used	Initiated by	Session ID	Category	Type	Copilot experience	Plugins used
Jan 29, 02:29 PM	0.394	 Joery Van den Bosch	a5b55a87-6df9-438e-a6af-b078c838c036	User prompt	Manual	Security Copilot portal	
Jan 29, 02:27 PM	1.583	 Joery Van den Bosch	a5b55a87-6df9-438e-a6af-b078c838c036	Promptbook	Manual	Security Copilot portal	Microsoft Intune
Jan 29, 02:27 PM	0.618	 Joery Van den Bosch	a5b55a87-6df9-438e-a6af-b078c838c036	Promptbook	Manual	Security Copilot portal	Microsoft Intune
Jan 29, 02:26 PM	0.459	 Joery Van den Bosch	a5b55a87-6df9-438e-a6af-b078c838c036	Promptbook	Manual	Security Copilot portal	Microsoft Intune



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SCU's

- Cost savings Tips

Data retention and deletion

Security Copilot stores Customer Data necessary for in-product functionality (such as your session data (for example your prompts and responses)) so long as you have an active subscription to Security Copilot.

Customer Data can be deleted in the following scenarios:

- **When you delete all provisioned capacity**

Customer Data is deleted within 180 days of when you delete all provisioned capacity. For more information, see [Delete capacity](#).

- **When you request for your Customer Data to be deleted**

You can also request that Security Copilot delete your Customer Data through the portal (<https://securitycopilot.microsoft.com>) or by requesting deletion through [customer support](#). This Customer Data will be deleted within 30 days of that request.

When you opt-in to sharing your Customer Data with Security Copilot this Customer Data is only retained by Security Copilot for 90 days before being deleted by that team evaluating that Customer Data.

If you opt out of data sharing, Security Copilot deletes all Customer Data shared within 30 days. Customer Data is retained by you in your tenant so long as you have an active subscription to Security Copilot and have not requested it be deleted.

Show 32 more

Websites ⓘ



Public web
Content downloads

Custom ⓘ

- Once you create the capacity, the cost will apply for at least one hour.
- Once you delete the capacity, you will lose access to it. It will not be available through the hour you actually paid for!
- You will be billed for one hour if you apply for a capacity at 12:00.
- If you delete the capacity at 12:20, you will lose the capacity at 12:20 even though you paid for the 12:00 to 13:00 timespan.



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SCU's

- Capacity Management

Morten Knudsen MVP - <https://mortenknudsen.net/?p=3026>

Aaron Hoffmann - <https://medium.com/@aaron.hoffmann/scheduling-microsoft-copilot-for-security-capacities-20f4b26f1999>

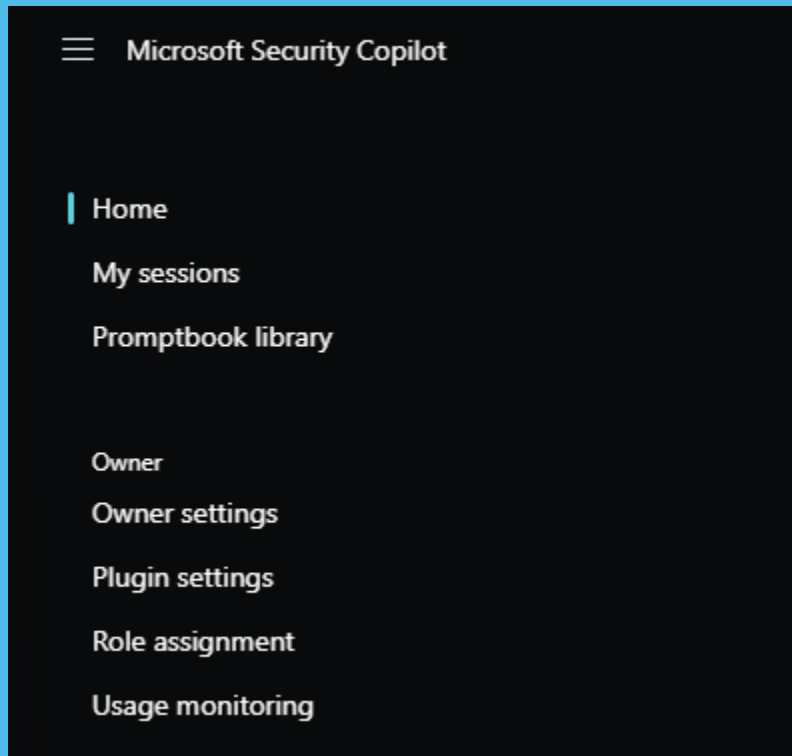
Jan Vidar Elven MVP - <https://gotoguy.blog/2024/04/05/automatic-provisioning-and-deprovisioning-of-copilot-for-security-capacity-unit/>



Settings

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

Within Security Copilot there are some settings that you can adjust.



Role assignment

Control who has access to Security Copilot by adding or removing users, groups, Microsoft Entra ID roles, or managed identities.

+ Add members

+ Add recommended roles

Owner (3)

Get additional functionality like owner settings, access management, plugin management, usage monitoring, and more. To manage security compute units, an owner also needs to have the "Azure Contributor" role in Microsoft Entra ID.

SA Security Administrator
Role • Manage in Microsoft Entra ID

GA Global Administrator
Role • Manage in Microsoft Entra ID

J Joery Van den Bosch
joery@jocomm.be

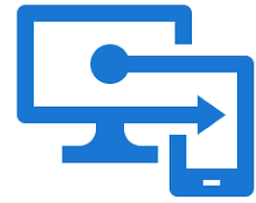
Contributor (3)

Can use Security Copilot here and in your other Microsoft Security products.

SO Security Operator
Role • Manage in Microsoft Entra ID

SR Security Reader
Role • Manage in Microsoft Entra ID

E Everyone
All users in your organization



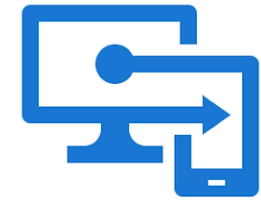
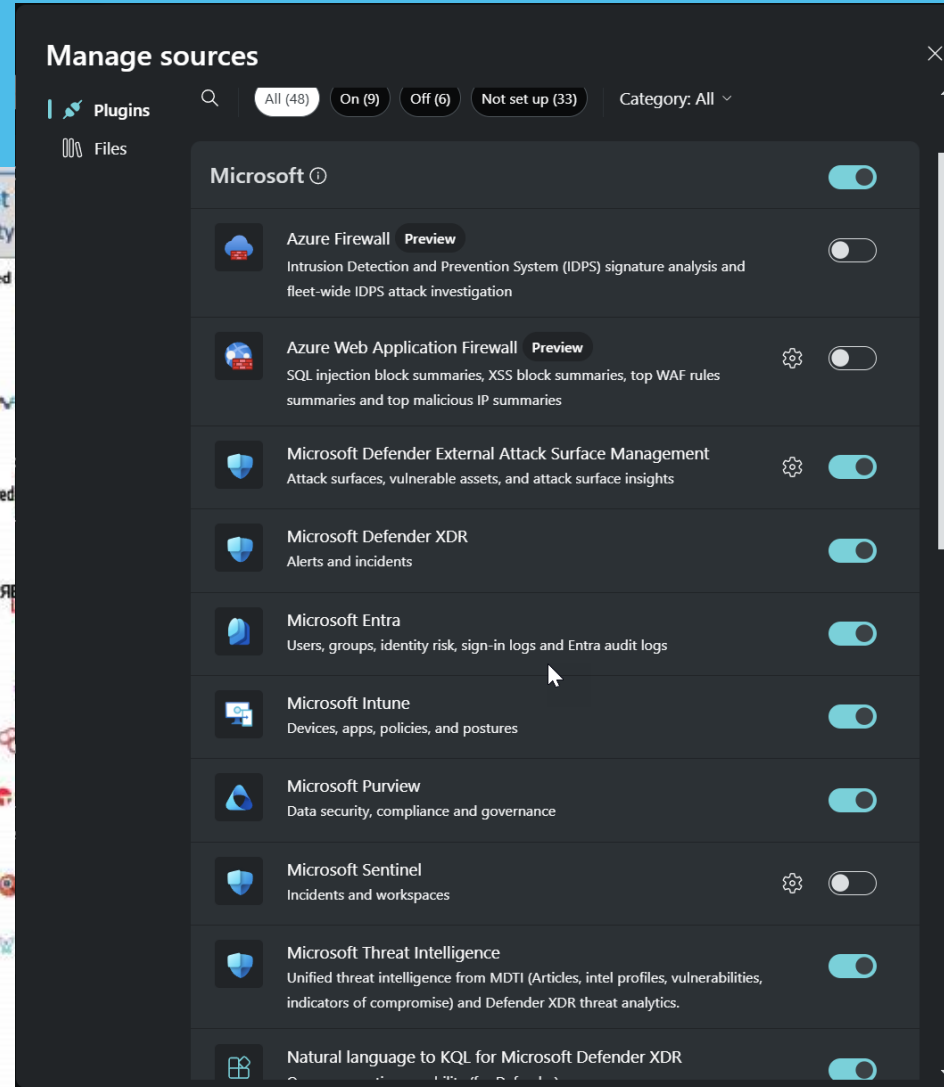
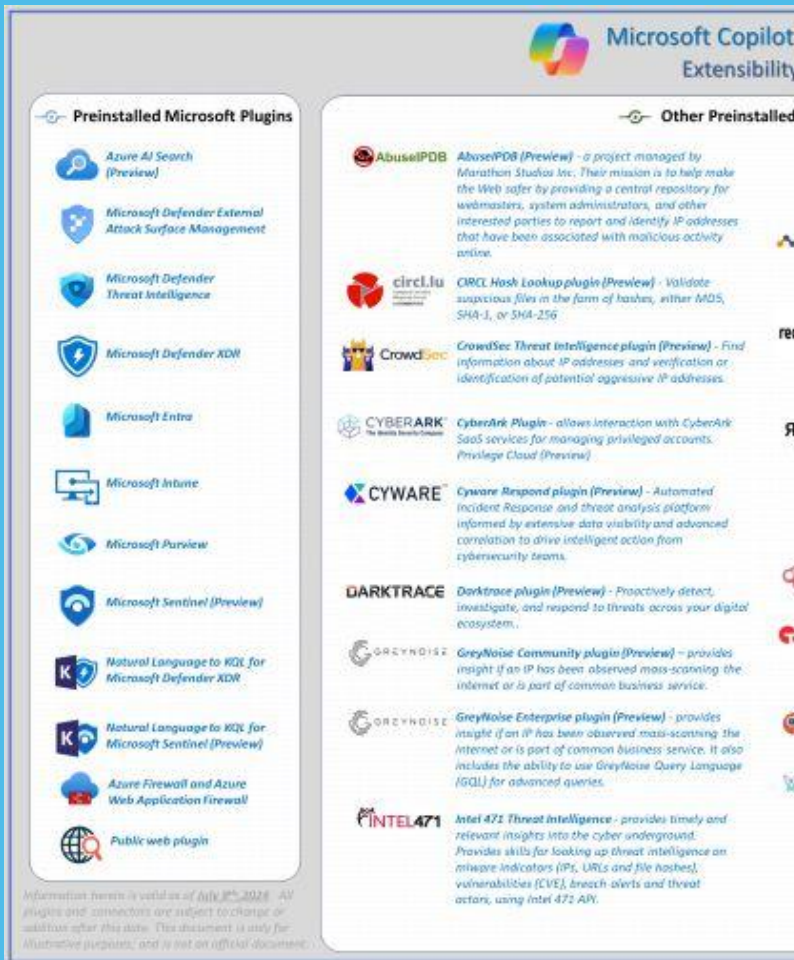
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Plugins

Within Security Copilot we can enable a bunch of plugins.



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Intune



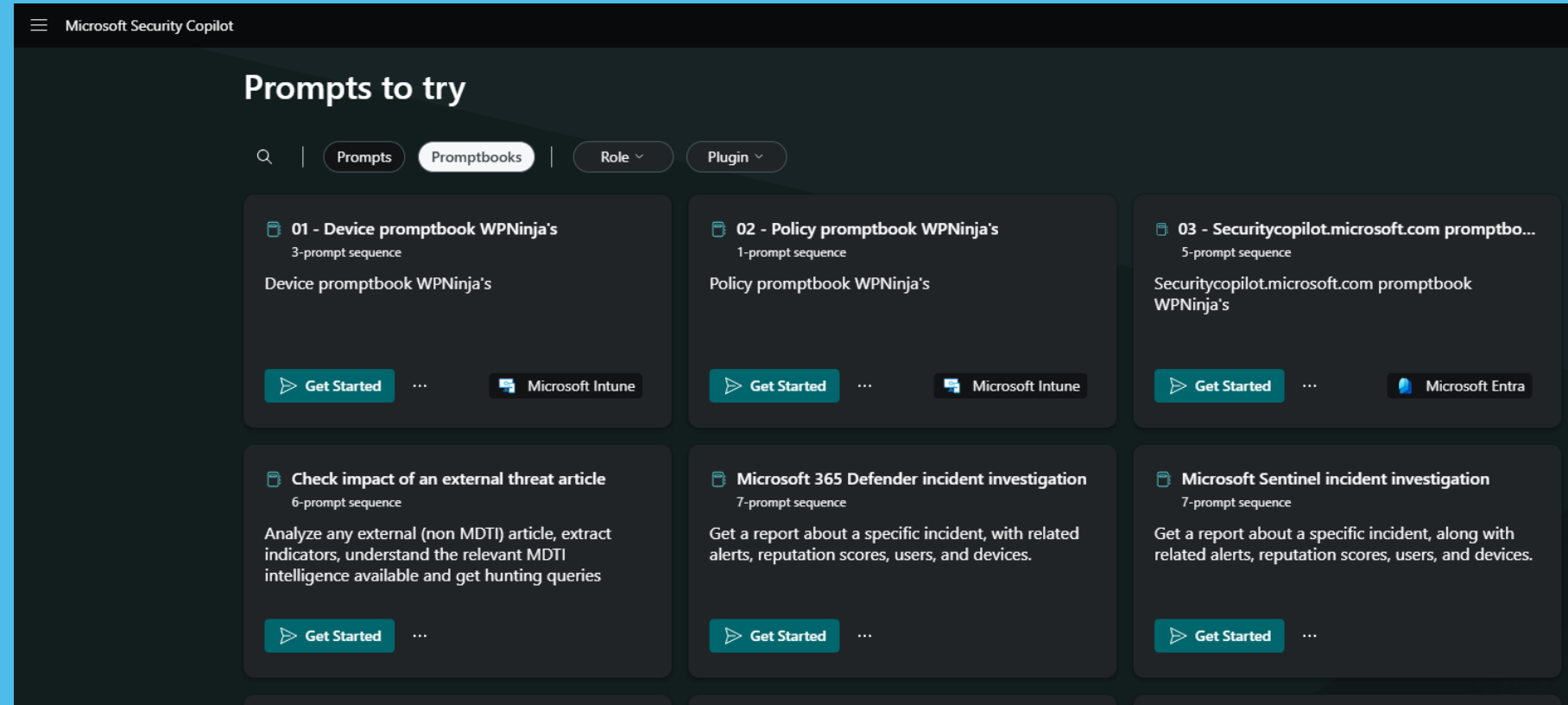
<https://securitycopilot.microsoft.com/>



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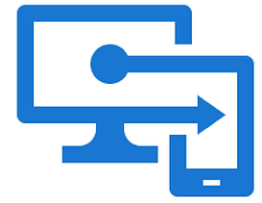
Promptbooks

Within copilot for Security, you can create promptbooks to combine some prompts you need more often, so you don't need to type in the prompts every single time. Microsoft also has some pre-defined promptbooks for you.



Troubleshooting

I got this error during the setup of Copilot for Security.



Microsoft
Intune



**We weren't able to set up your
Copilot capacity**

Return to the setup screen and try again.

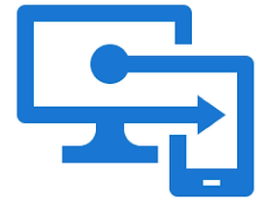
Try again



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Troubleshooting

I got this error when I summarized a policy from the Intune portal



Microsoft
Intune

Summarize this policy

SOLVED



Try rewording your prompt and submit it again. If that doesn't work, ask your Copilot for Security owner for troubleshooting help.

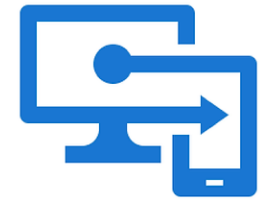
Retry



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Troubleshooting

I got this error when I summarized a policy from the Intune portal



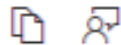
Microsoft
Intune

SOLVED

Summarize this policy

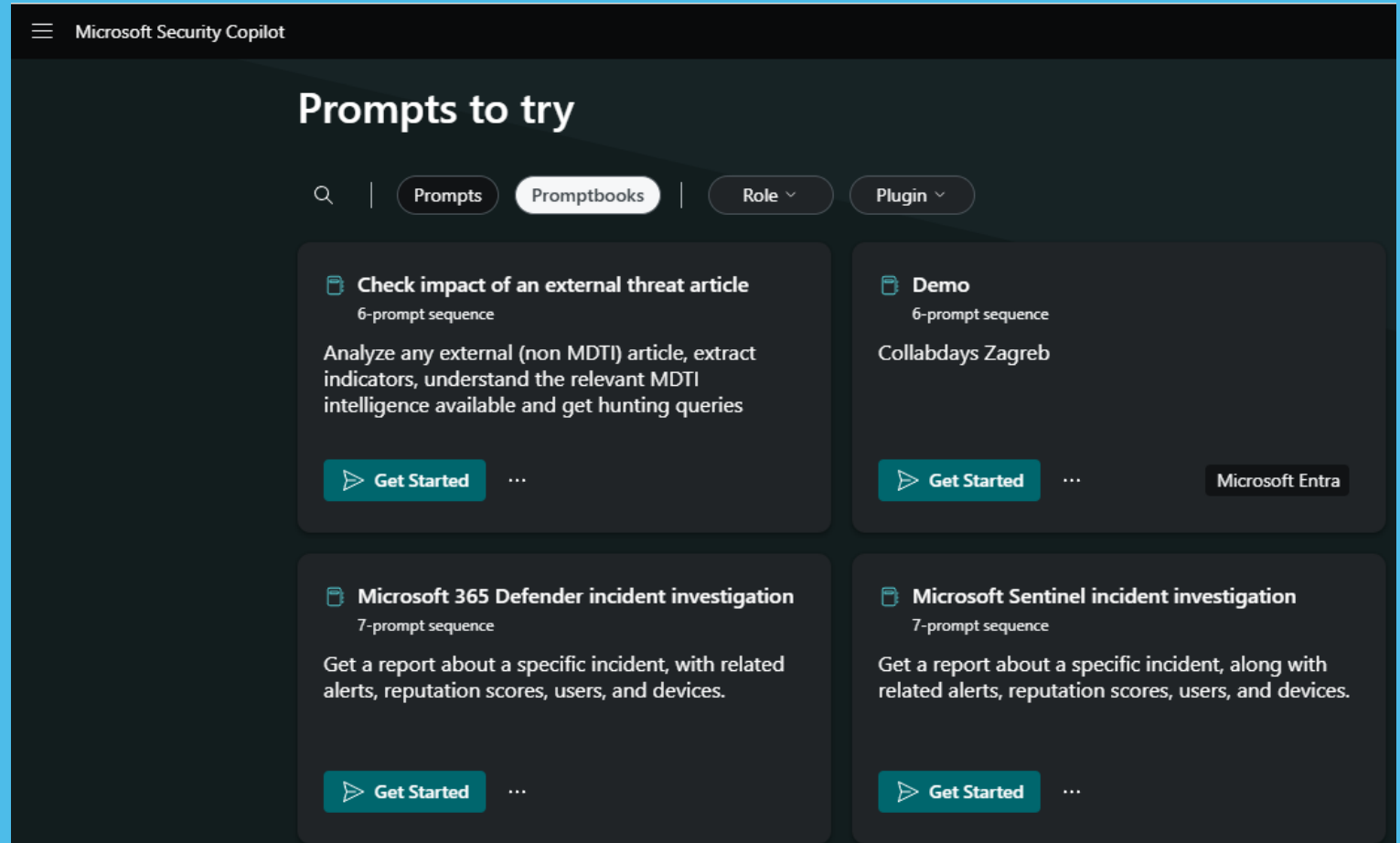
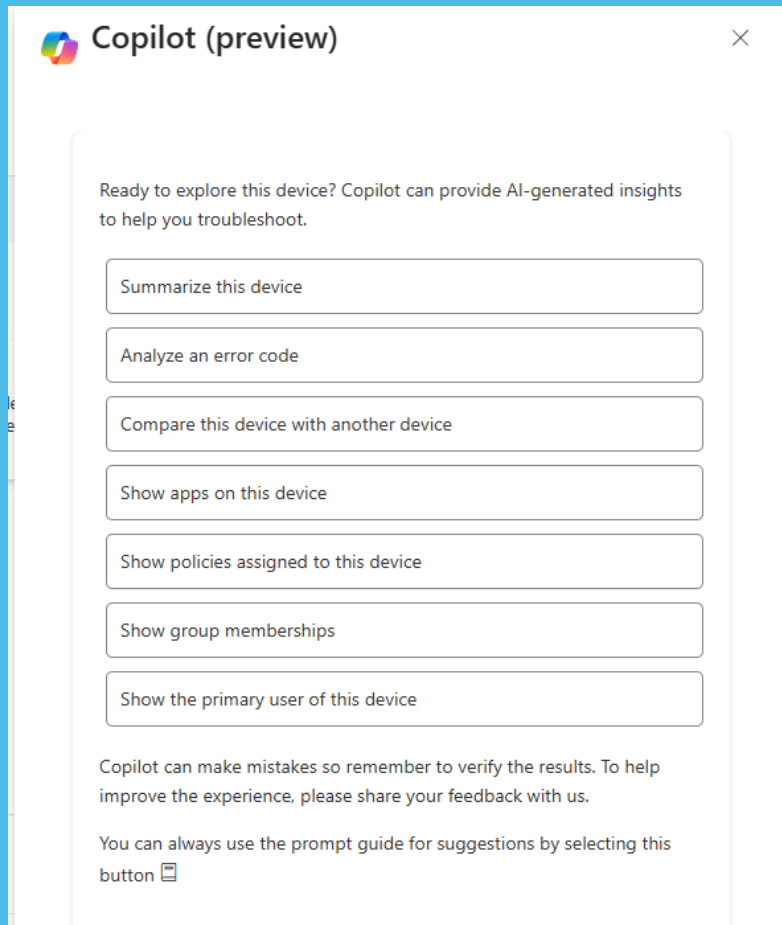
The policy with the ID 8fb7b0da-3cdc-45f0-ac8f-9aebef7c0de0 could not be found. Please ensure that the policy ID is correct and try again.

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



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How to use Security Copilot



How to use Security Copilot – Embedded Intune- DEMO

How Copilot can help

Copilot can make mistakes, so remember to verify the results.



Explore device

Get answers about this device's properties and the policies and apps assigned to it.



Compare to another device

Select another device and understand the differences in hardware and device configurations



Analyze error code

See an error code that you don't understand? Get answers and learn how you can remediate.



Copilot (preview)



Ready to explore this device? Copilot can provide AI-generated insights to help you troubleshoot.

Summarize this device

Analyze an error code

Compare this device with another device


Show apps on this device

Show policies assigned to this device

Show group memberships

Show the primary user of this device

Copilot can make mistakes so remember to verify the results. To help improve the experience, please share your feedback with us.

You can always use the prompt guide for suggestions by selecting this button 



WORKPLACEDUDE

How to use Security Copilot With EPM - DEMO

You need the Intune Suite license or EPM add-on

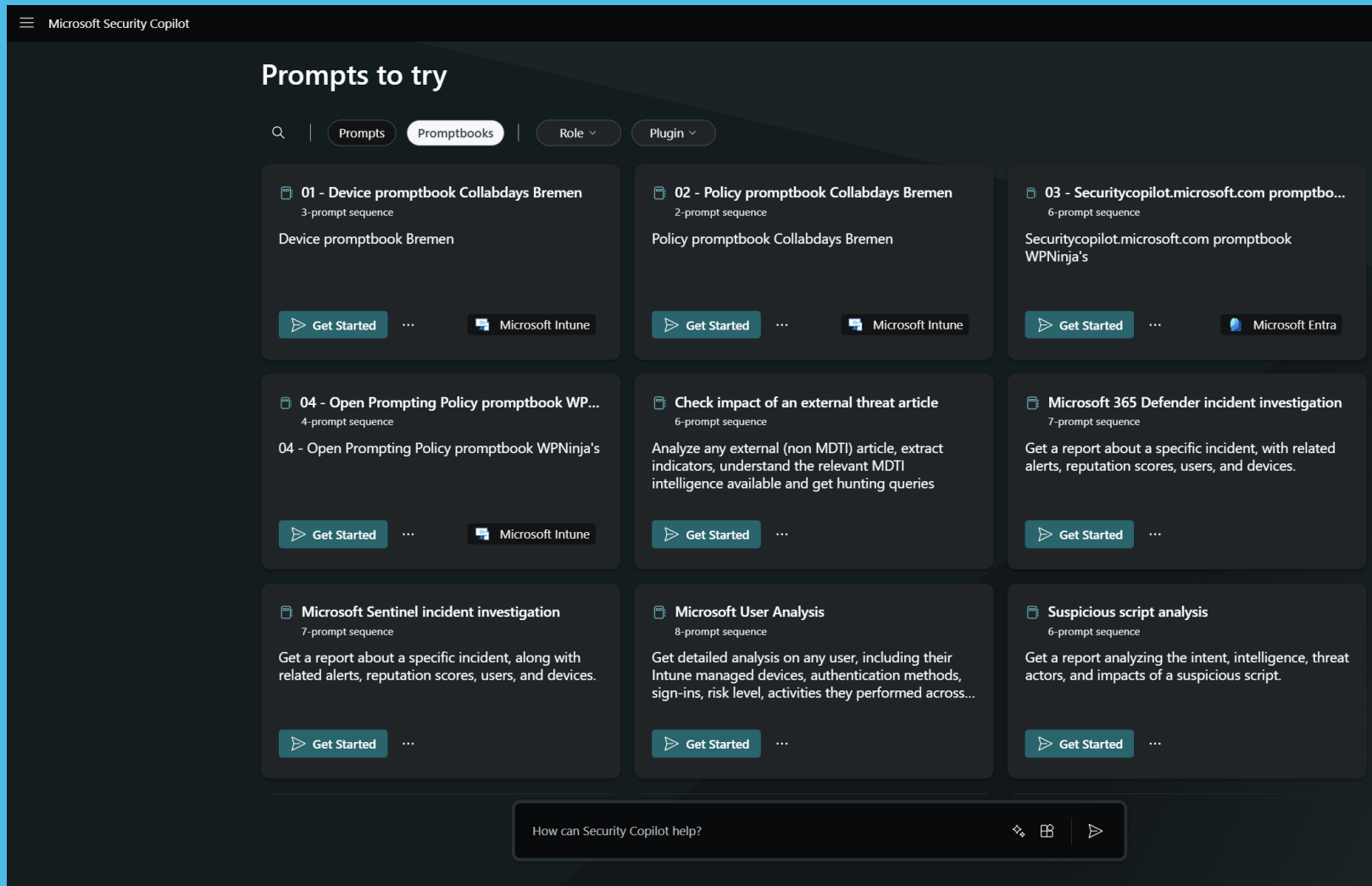
Elevation request properties

[+ Create a rule with these file details](#)[Analyze with Copilot](#)

File	Windows Configuration Designer Installer.exe
Publisher	US
Add to reusable settings	
Username	joery@jocomm.be
Device	WORKSTATION
Intune compliant	true

Request details

How to use Security Copilot – Standalone Intune & Entra ID- DEMO



How to use Security Copilot – KQL Query Single Device – Demo

You need the Intune
Suite license or
Advanced Analytics add-
on

show me all the hardware settings of device
workstation

Here is a KQL query that can help you get that information.

KQL query

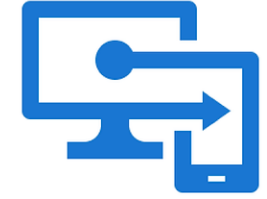
```
Battery | join (BiosInfo) | join (Cpu) | join (DiskDrive) | join  
(EncryptableVolume) | join (LogicalDrive) | join  
(MemoryInfo) | join (NetworkAdapter) | join (OsVersion) |
```

Add to editor

Add and run

How was this query generated?

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



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How to use Security Copilot – KQL Query Multi Device – Demo

You need the Intune
Suite license or
Advanced Analytics add-
on

KQL Search

Search engine for KQL Queries

Assistant

Generator

Lab

show me all the hardware settings of all devices

Here is a KQL query that can help you get that information.


KQL query

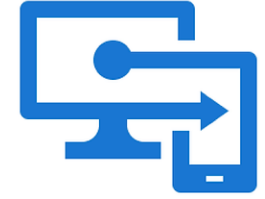
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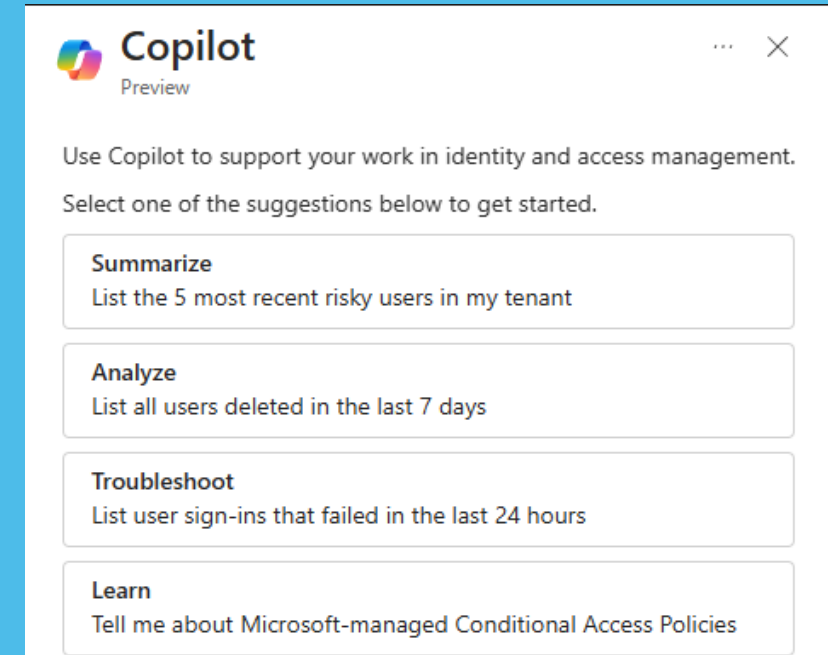


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<https://www.kqlsearch.com/> By Ugur Koc

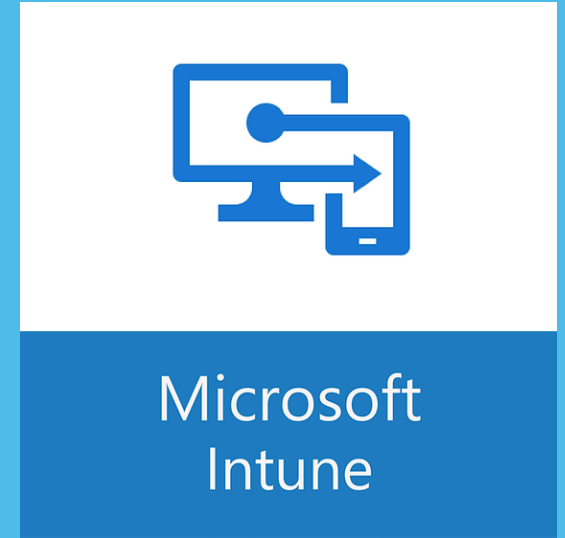
List of Security Copilot skills in Entra ID

- Explore diagnostic log collection In Entra ID
- Explore Entra ID audit log details
- Find group details in Entra ID
- Find Sign-in logs in Entra ID
- Find user details in Entra ID
- Investigate identity risks with Entra ID Protection



The Things to come in the (near) Future

- Strengthen security by reducing your attack surface – analyze an application request in EPM. **GA NOW**
- Enhancing policy management with Copilot – has this setting been configured in any other policy?
- Open-prompting experience in Copilot that understands the settings and policies in your environment using a more natural language approach. **GA NOW**
- Streamline updates with Copilot-assisted insights – Copilot for Intune for Autopatch
- Conditional access questions, What if for CA policies, Service principals, Permissions, ...



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The Elephant in the room



Microsoft recommends provisioning 3 SCUs per hour to start your Copilot for Security exploration

Provisioned \$4/hour \$2920/month per SCU

SERVICE NAME	SERVICE RESOURCE	SPEND
Microsoft Security Copilot	Provisioned Security Compute Unit	\$3608
Storage	Cool LRS Data Stored	\$248.24
Storage	Hot LRS Data Stored	\$80.94
Log Analytics	Pay-as-you-go Data Ingestion	\$9.79
Cognitive Services	gpt4o realtimePrvw audio inp glbl Tokens	\$4.7
Cognitive Services	gpt4o realtimePrvw audio outp glbl Tokens	\$1.81
Storage	Cool LRS Write Operations	\$1.74
Cognitive Services	\$1 Minute	\$0.22

Microsoft Security Copilot compute capacity

Provision capacity in Security Compute Units (SCU) to run Security Copilot workloads. These workloads provide insights, evaluate prompts, run promptbooks and automate them in both the standalone product and embedded experiences across Microsoft Security.

- Flexibly provision compute units to meet your organization needs.
- Easily manage costs with in-product dashboard.

SKU	Price per hour	Estimated price per month
Provisioned	\$4	\$2,920 ¹

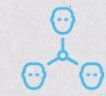
¹Estimate of the monthly bill is for 1 SCU provisioned for 24 hours daily for the entire month. SCUs are provisioned per hour and billed monthly.



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Q&A





DANKE!
THANK YOU!
MERCI!
GRAZIE!
GRACIAS!
DANK JE WEL!

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