# Don't overlook these things when configuring Microsoft 365

October 2024

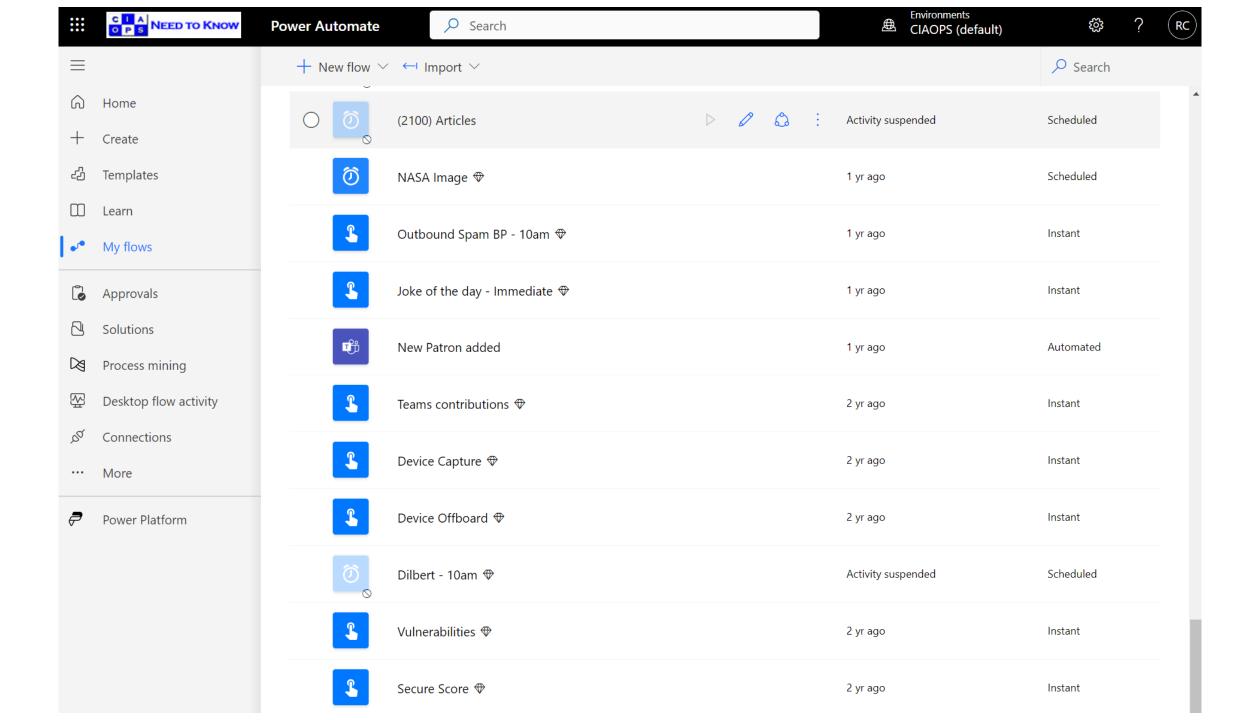
@directorcia

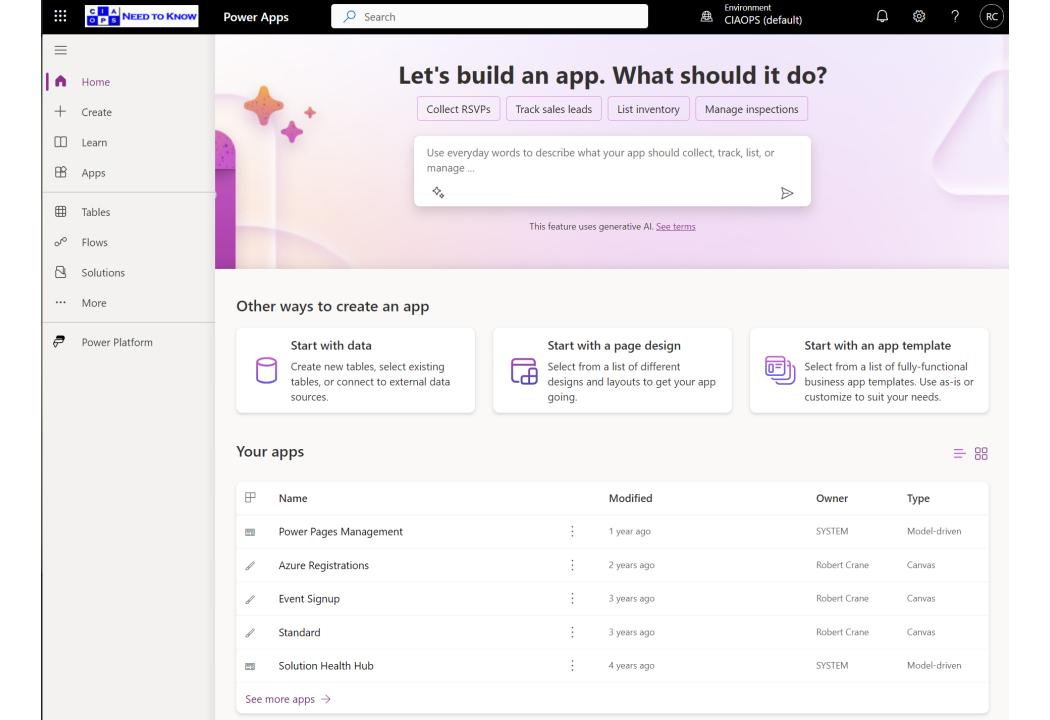
http://about.me/ciaops

### Code

```
C:\Program Files\WindowsApps\Microsoft.PowerShell_7.4.5.0_x64_8wekyb3d8bbwe\pwsh.exe
  Primary SMTP address = director@ciaopslabs.com.au
  Created = 27/05/2021 5:22:31 PM
  Audit enabled = True
  Audit log limit (days) = 180
  Retain Deleted items for (days) = 14
  Litigation hold = False
  Archive status = None
  Max send size = 35 \text{ MB} (36,700,160 \text{ bytes})
  Max receive size = 36 \text{ MB} (37,748,736 \text{ bytes})
  POP3 enabled = True
  IMAP enabled = False
Mailbox = Super User [ superuser@ciaopslabs.onmicrosoft.com ]
  Primary SMTP address = superuser@ciaopslabs.onmicrosoft.com
  Created = 22/05/2021 12:05:54 PM
  Audit enabled = True
  Audit log limit (days) = 180
  Retain Deleted items for (days) = 14
  Litigation hold = False
  Archive status = None
  Max send size = 35 MB (36,700,160 bytes)
  Max receive size = 36 \text{ MB} (37,748,736 bytes)
  POP3 enabled = True
  IMAP enabled = True
No CSV created
Finish checking mailboxes
Script completed
```

 $Get-Mailbox - ResultSize \ unlimited \ - Filter \ "RecipientTypeDetails \ - eq \ 'UserMailbox''' \ `$ Set-Mailbox -RetainDeletedItemsFor 30





## Self Service

### Self-service trials and purchases

View and manage which products users can try or buy on their own. Self-service gives users the flexibility to try or buy the products they need to be more productive, and helps admins understand and manage demand.

Learn more about self-service purchases

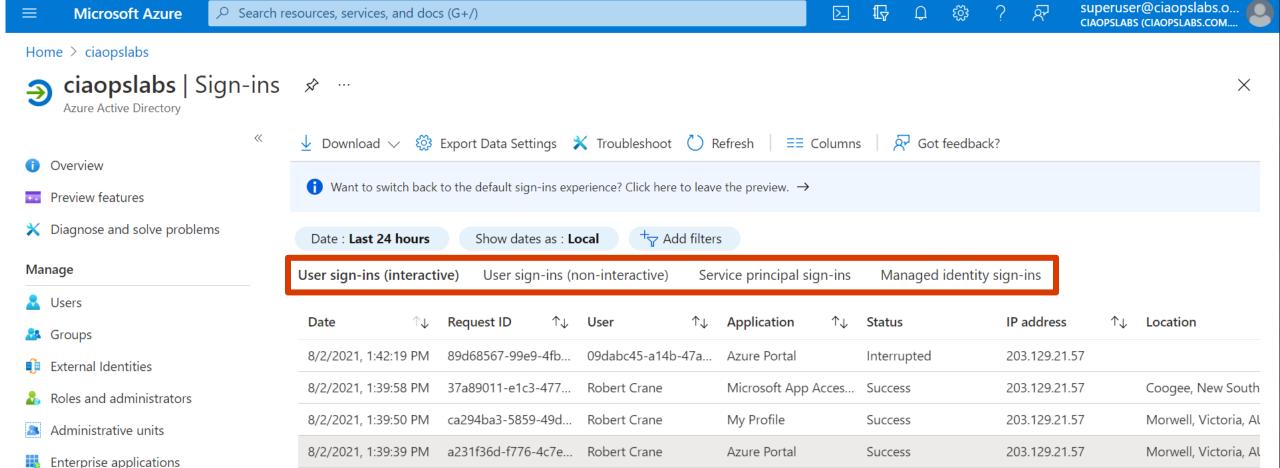
	Product ↑	Self-service settings
	Dynamics 365 Marketing	O Do not allow
	Dynamics 365 Marketing Additional Application	O Do not allow
	Dynamics 365 Marketing Additional Non-Prod Application	O Do not allow
	Dynamics 365 Marketing Attach	O Do not allow
<b>7</b>	Microsoft 365 Copilot	Allow
0	Microsoft 365 F3	O Do not allow
	Microsoft ClipChamp	O Do not allow
0	Microsoft Purview Discovery	O Do not allow
	Power Apps per user	O Do not allow
0	Power Automate per user plan	O Do not allow
0	Power Automate Per User with Attended RPA	O Do not allow

# LOGS

### Mailbox actions logged by mailbox audit logging

When you enable mailbox audit logging for a mailbox, access to the mailbox and certain administrator and delegate actions are logged by default. To log actions taken by the mailbox owner, you must specify which owner actions should be audited.

Action	Description	Admin	Delegate	Owner
Сору	An item is copied to another folder.	Yes	No	No
Create	An item is created in the Calendar, Contacts, Notes, or Tasks folder in the mailbox; for example, a new meeting request is created. Note that message or folder creation isn't audited.	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes
FolderBind	A mailbox folder is accessed.	Yes <sup>1</sup>	Yes <sup>2</sup>	No
HardDelete	An item is deleted permanently from the Recoverable Items folder.	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes
MailboxLogin	The user signed in to their mailbox.	No	No	Yes <sup>3</sup>
MessageBind	An item is accessed in the reading pane or opened.	Yes	No	No
Move	An item is moved to another folder.	Yes <sup>1</sup>	Yes	Yes
MoveToDeletedItems	An item is moved to the Deleted Items folder.	Yes <sup>1</sup>	Yes	Yes
SendAs	A message is sent using Send As permissions.	Yes <sup>1</sup>	Yes <sup>1</sup>	No
SendOnBehalf	A message is sent using Send on Behalf permissions.	Yes <sup>1</sup>	Yes	No
SoftDelete	An item is deleted from the Deleted Items folder.	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes
Update	An item's properties are updated.	Yes <sup>1</sup>	Yes <sup>1</sup>	Yes



Azure Portal

Interrupted

203.129.21.57

Coogee, New South

bfc6db96-ab38-47bf... Robert Crane

8/2/2021, 1:39:37 PM

Devices

App registrations

### How long does Azure AD store the data?

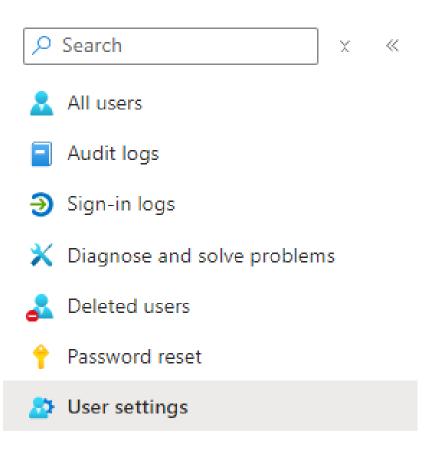
### **Activity reports**

Report	Azure AD Free	Azure AD Premium P1	Azure AD Premium P2
Audit logs	7 days	30 days	30 days
Sign-ins	7 days	30 days	30 days
Azure AD MFA usage	30 days	30 days	30 days

### Security signals

Report	Microsoft Entra ID Free	Microsoft Entra ID P1	Microsoft Entra ID P2
Risky users	No limit	No limit	No limit
Risky sign-ins	7 days	30 days	90 days







### Default user role permissions

#### Learn more

Users can register applications Restrict non-admin users from creating tenants Users can create security

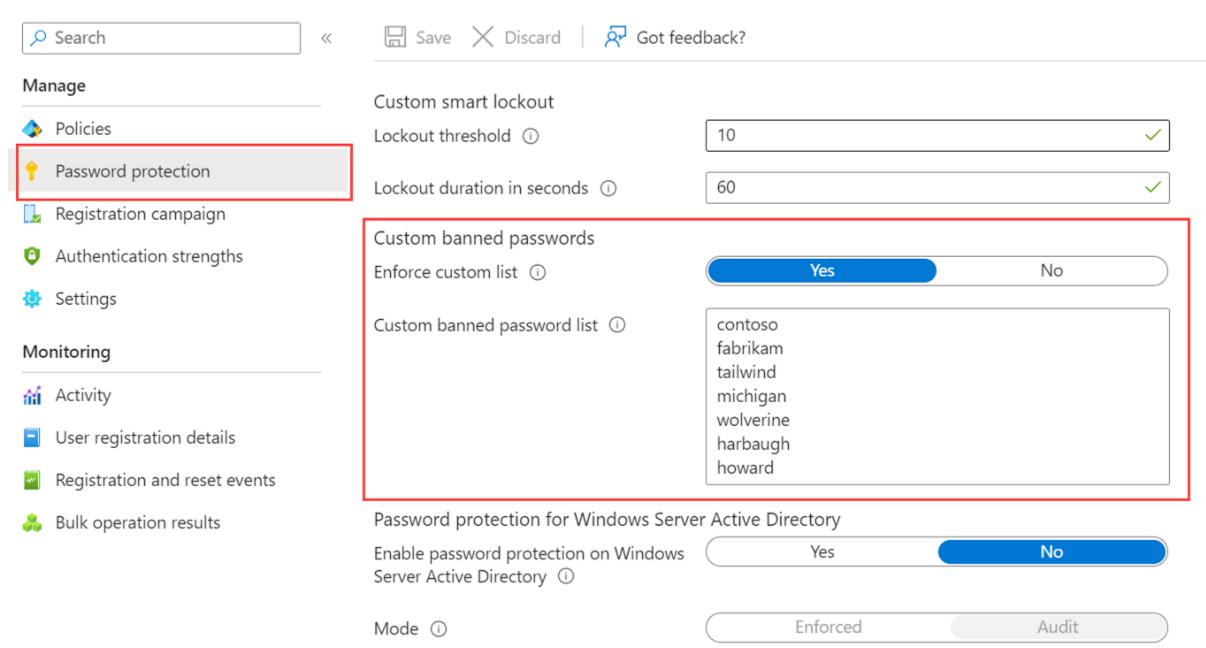
groups



### Authentication methods | Password protection

☆ ...

Contoso - Microsoft Entra ID Security

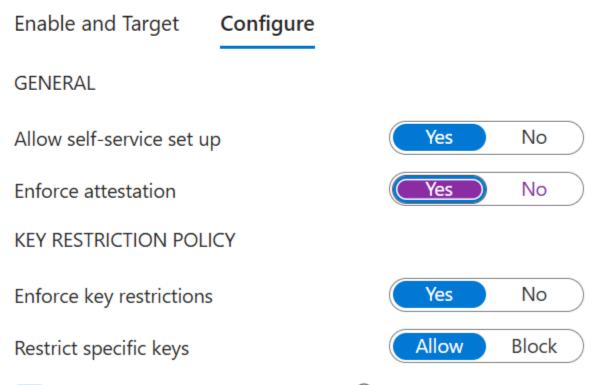




Home > Security | Authentication methods > Authentication methods | Policies >

### Passkey (FIDO2) settings

Passkeys are a phishing-resistant, standards-based passwordless authentication method available from a variety of vendors. Learn more. Passkeys are not usable in the Self-Service Password Reset flow.

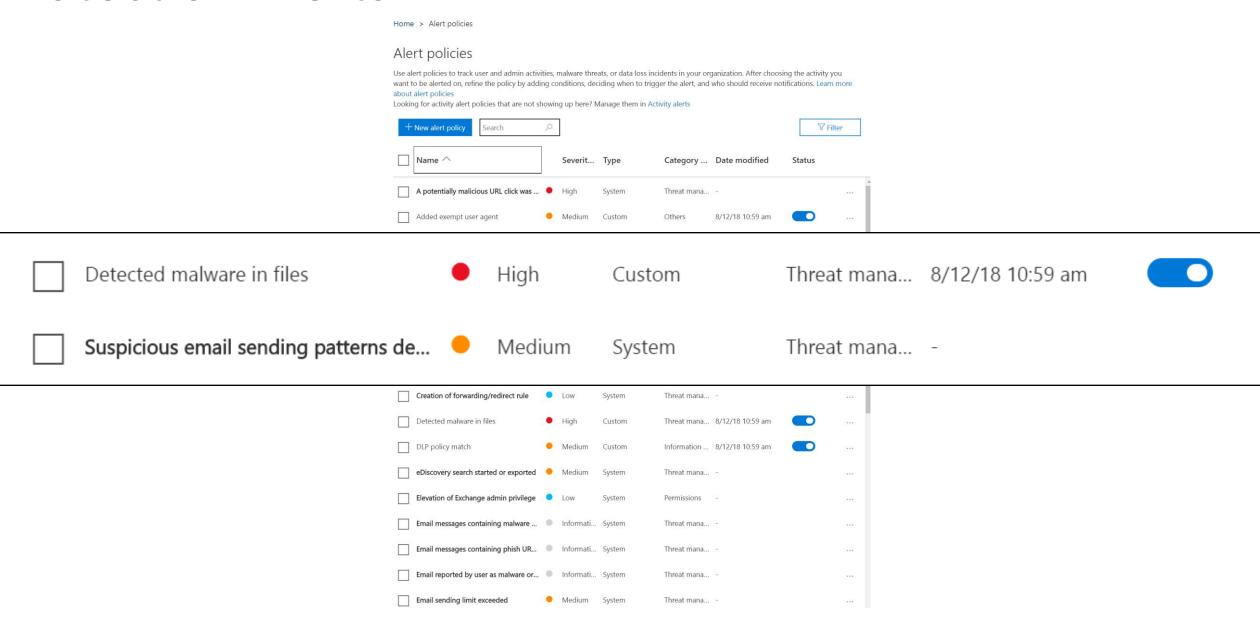






### Alerts

### **Protection Alerts**



### Activity Alerts

Home > Manage alerts

### Activity alerts

! We are working on a better experience for you to manage and view security and compliance alerts. Go to Alert policies

+ New alert policy

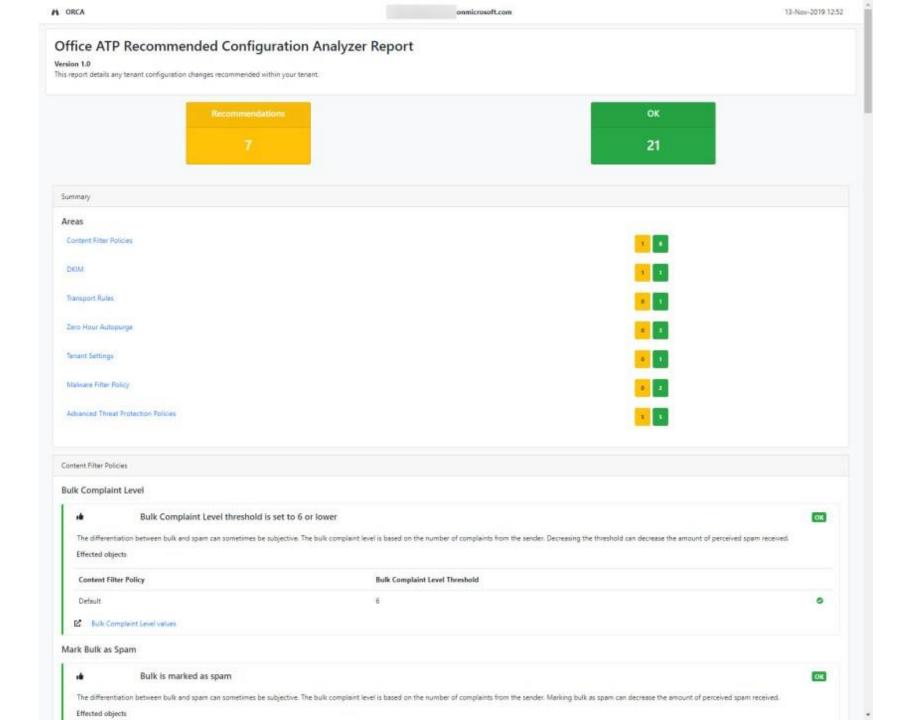
Name	Recipients	Status	Date modified
Role Alert	admin@ciaops365.com	On	2018-07-03 13:01:37
Administrator Password change	director@ciaops.com	On	2017-10-03 18:17:45
Company Information Alert	admin@ciaops365.com	On	2018-07-03 13:01:37
File and Page Alert	admin@ciaops365.com	On	2018-07-03 13:01:29
Site Alert	admin@ciaops365.com	On	2018-07-03 13:01:32
Domain Alert	admin@ciaops365.com	On	2018-07-03 13:01:38
Sharing Alert	admin@ciaops365.com	On	2018-07-03 13:01:30
Access Alert	admin@ciaops365.com	On	2018-07-03 13:01:32
OneDrive sharing	admin@ciaops365.com	On	2017-05-07 10:51:06
Anonymous Links Alert	admin@ciaops365.com	On	2018-07-03 13:01:30
Office Alert	admin@ciaops365.com	On	2018-07-03 13:01:33
Password Alert	admin@ciaops365.com	On	2018-07-03 13:01:36
Mailbox Alert	admin@ciaops365.com	On	2018-07-03 13:01:34

# Exchange

### **Configuration analyzer**

The Configuration analyzer can help identify issues in your current configuration and help improve your policies for better security. Want to automatically stay updated with recommendation configuration? Switch on <u>presets</u>. <u>Learn more</u>.

Standard recommendations Strict recommendations Configuration drift analysis and history Anti-spam Anti-phishing DKIM Outlook Apply recommendation | View policy ↓ Export ( ) Refresh ∠ Search ₩ Filter 1 of 18 selected Recommendations > Policy group/setting name ∨ Last modified ∨ Policy ∨ Policy type ∨ Current configuration > Status ∨ Quarantine message Default High confidence spam detection action Anti-spam Move to Junk Email folder Sep 23, 2024 4:18 PM Not started Quarantine message Default Phishing email detection action Move to Junk Email folder Sep 23, 2024 4:18 PM Not started Anti-spam Change 7 to 6 Default Bulk email threshold 7 Sep 23, 2024 4:18 PM Anti-spam Not started Change 15 to 30 15 Sep 23, 2024 4:18 PM Default Quarantine retention period Anti-spam Not started Change false to true false Sep 23, 2024 4:18 PM Office365 AntiPhish Default Add users to protect Anti-phishing Not started Change false to true Automatically include the domains I own Sep 23, 2024 4:18 PM Office365 AntiPhish Default Anti-phishing false Not started Change false to true Office365 AntiPhish Default Include custom domains Anti-phishing false Sep 23, 2024 4:18 PM Not started



### Clients

```
C:\Windows\System32>auditpol /get /category:*
System audit policy
Category/Subcategory
                                          Setting
System
 Security System Extension
                                          Success and Failure
 System Integrity
                                          Success and Failure
 IPsec Driver
                                          No Auditing
 Other System Events
                                          Success and Failure
 Security State Change
                                          Success
Logon/Logoff
 Logon
                                          Success and Failure
 Logoff
                                          Success
 Account Lockout
                                          Success and Failure
 IPsec Main Mode
                                          No Auditing
 IPsec Quick Mode
                                          No Auditing
 IPsec Extended Mode
                                          No Auditing
 Special Logon
                                          Success
 Other Logon/Logoff Events
                                          No Auditing
 Network Policy Server
                                          Success and Failure
 User / Device Claims
                                          No Auditing
 Group Membership
                                          No Auditing
Object Access
                                          Success and Failure
 File System
 Registry
                                          No Auditing
 Kernel Object
                                          No Auditing
 SAM
                                          No Auditing
 Certification Services
                                          No Auditing
 Application Generated
                                          No Auditing
 Handle Manipulation
                                          No Auditing
  File Share
                                          No Auditing
 Filtering Platform Packet Drop
                                          No Auditing
  Filtering Platform Connection
                                          No Auditing
  Other Object Access Events
                                          Success and Failure
```

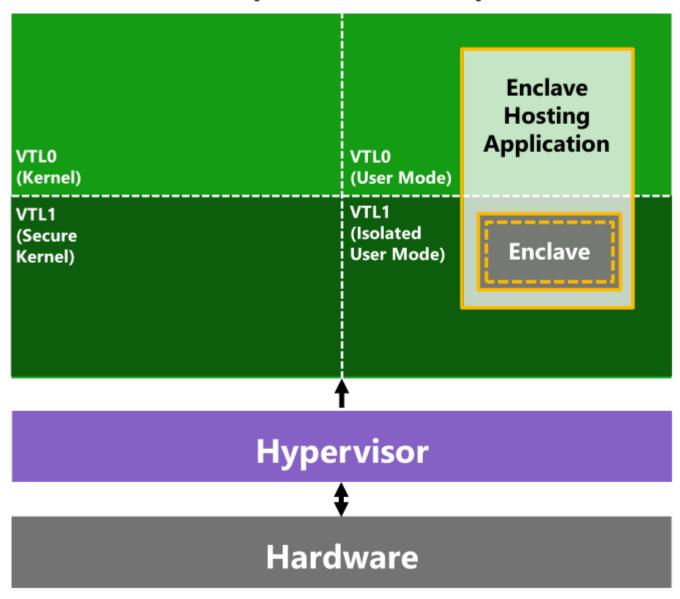
#### Attack Surface Reduction Rules

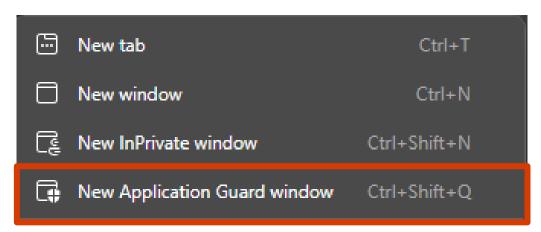
16 of 16 ASR rules found active

```
Block executable content from email client and webmail = Enabled
Block all Office applications from creating child processes = Enabled
Block Office applications from creating executable content = Enabled
Block Office applications from injecting code into other processes = Enabled
Block JavaScript or VBScript from launching downloaded executable content = Enabled
Block execution of potentially obfuscated scripts = Enabled
Block Win32 API calls from Office macros = Enabled
Block executable files from running unless they meet a prevalence, age, or trusted list crit
erion = Enabled
Use advanced protection against ransomware = Enabled
Block credential stealing from the Windows local security authority subsystem (lsass.exe) =
Enabled
Block process creations originating from PSExec and WMI commands = Enabled
Block untrusted and unsigned processes that run from USB = Enabled
Block Office communication application from creating child processes = Enabled
Block Adobe Reader from creating child processes = Enabled
Block persistence through WMI event subscription = Enabled
Block abuse of exploited vulnerable signed drivers = Enabled
```

### Script completed

### **OS (Host or Guest)**





Virtualisation-based security
Virtualisation-based security required security properties
Virtualisation-based security available security properties
Virtualisation-based security services configured
Virtualisation-based security services running

Running

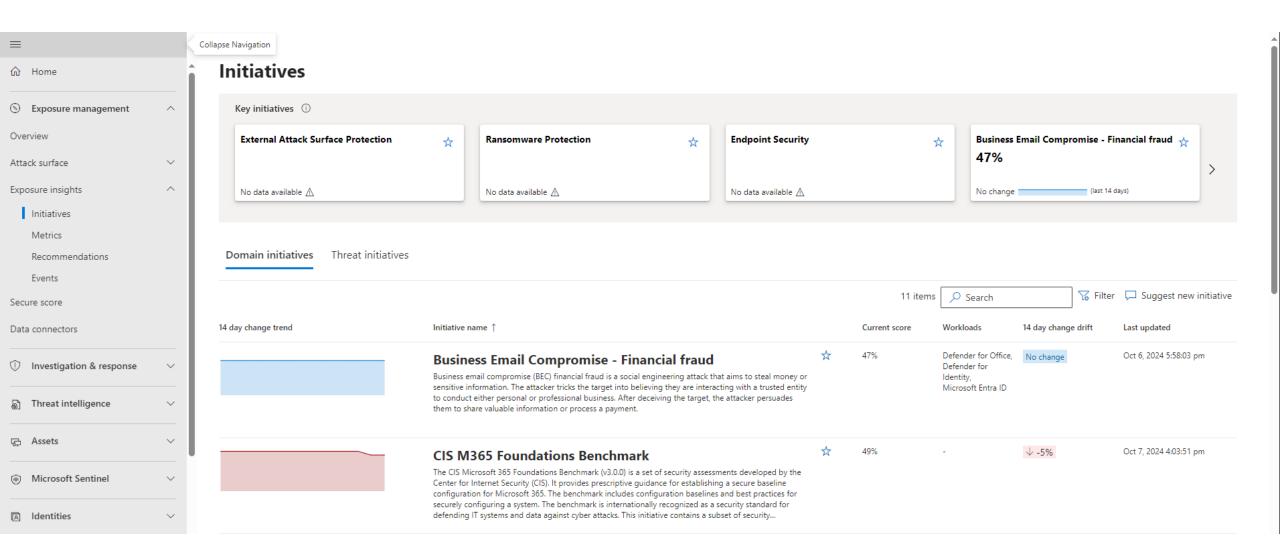
Base Virtualisation Support, Secure Boot, DMA Protection

Base Virtualisation Support, Secure Boot, DMA Protection, UEFI Code Readonly, SMM Security Mitigations 1.0, Mode Based Execution Control

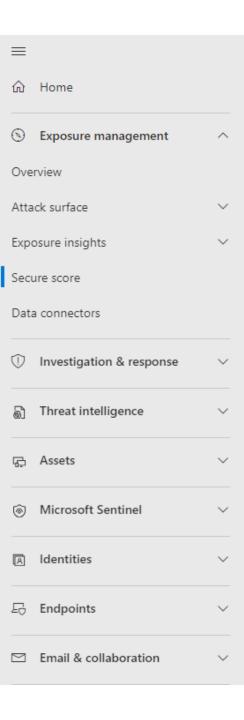
Credential Guard, Hypervisor enforced Code Integrity, Secure Launch

Credential Guard, Hypervisor enforced Code Integrity

# Exposure Insights



# Secure Score

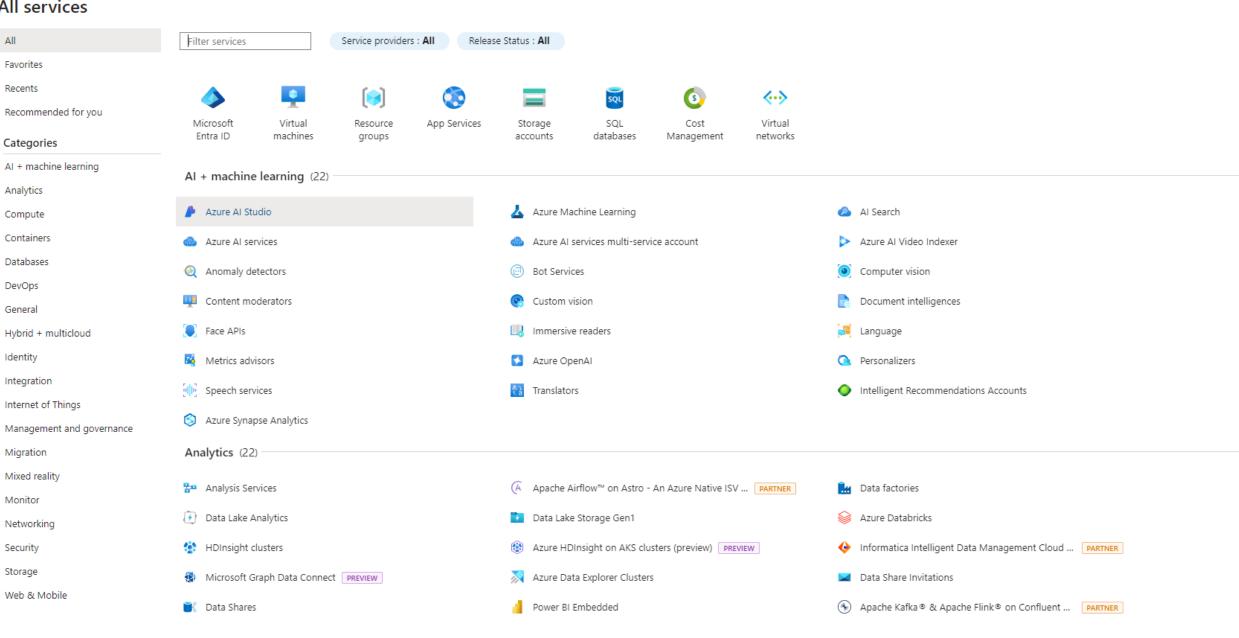


### **Microsoft Secure Score**

1 There are new permissions options available for Secure Score, You can now configure users' Secure Score data visibility based on data source. Learn more about this change. Recommended actions Metrics & trends History Overview Microsoft Secure Score is a representation of your organization's security posture, and your opportunity to improve it. Applied filters: Actions to review Your secure score Include V Regressed ① Recently added (i) To address (i) Risk accepted (1) Secure Score: 60.4% 230.73/382 points achieved Recently updated Top recommended actions Recommended action Score impact Status Category Ensure multifactor authentication is enabled for all users +2.36% ▲ Risk accepted Identity Breakdown points by: Category Enable impersonated domain protection +2.09% To address Apps 12.67% Identity Enable Conditional Access policies to block legacy authentica... +2.09% To address Identity Ensure the 'Password expiration policy' is set to 'Set passwor... +2.09% To address 88.89% Identity Data

### Azure

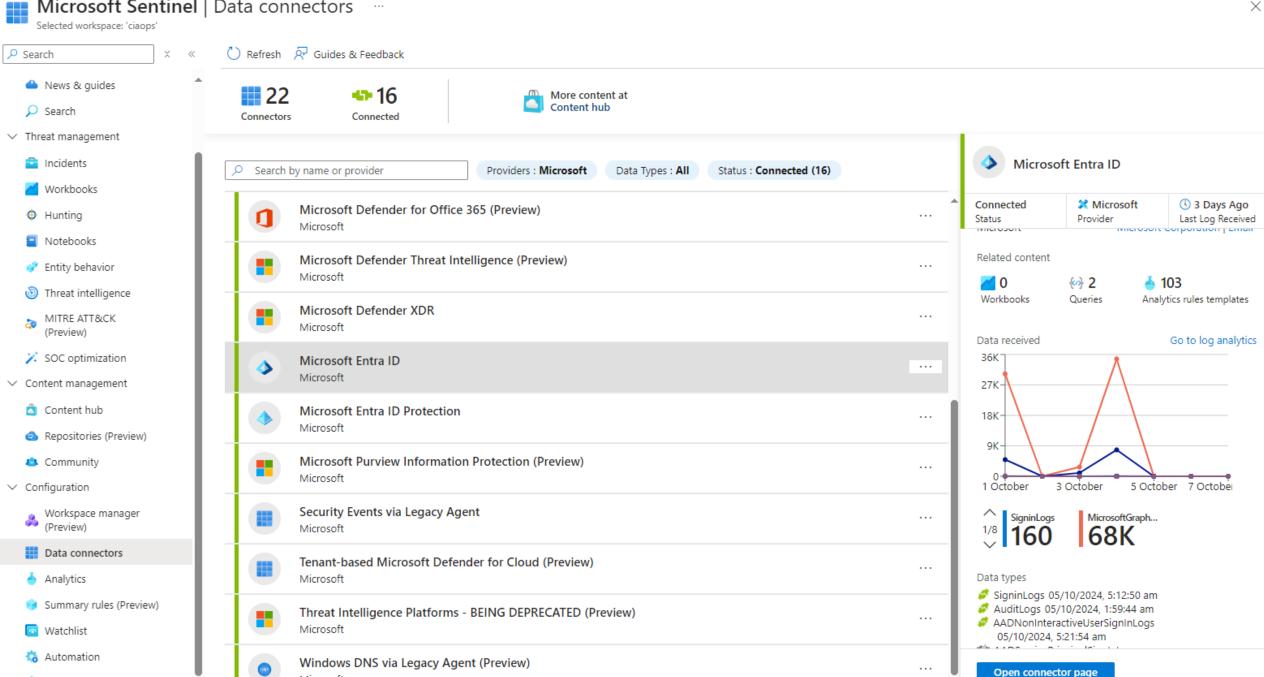
#### All services



### Sentinel

Microsoft

Settings



# Defender EASM

#### Assets

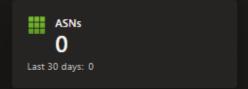
08/10/2024, 2:05:24 pm AEDT





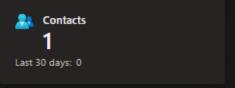






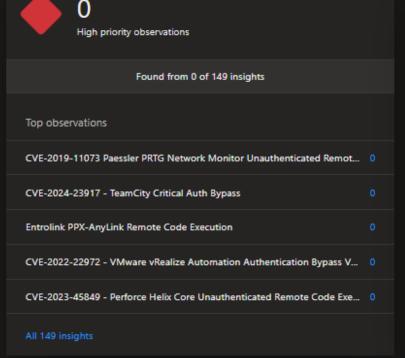


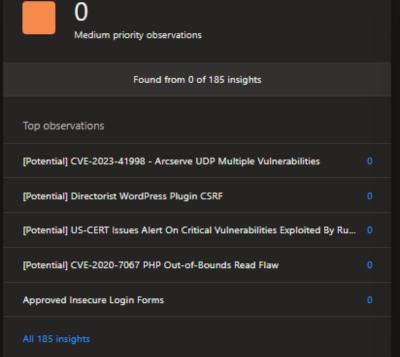




#### Attack surface insights

07/10/2024, 2:51:35 pm AEDT





11 Low priority observations	
Found from 3 of 21 insights	
Top observations	
Expired SSL Certificates	
Deprecated Tech - JQuery	
Self Signed Certificates	
Deprecated Tech - PHP	
Deprecated Tech - Nginx	
All 21 insights	

# Security Copilot

# Vulnerability impact assessment

Summarize Write me an executive summary report for the vulnerability, threat actor insights, and recommendations for someone who is less technical. in a short narrative. Indicate if this vulnerability if a remote code execution and if it impacts devices on the Internet. Finally, include a bullet point list of impacted technology for easy reference.

- 3 steps completed 55 seconds
  - Chose Microsoft Defender Threat Intelligence 42 seconds
  - > O Looked up threat intelligence information 5 seconds
  - Prepared your response 7 seconds

Apr 1, 9:39 AM | 1 minute

Based on the available data, it appears that there is no specific threat intelligence information related to the vulnerability, threat actor insights, recommendations, remote code execution, or impacts on devices on the Internet. This could be due to a variety of reasons, such as the information not being available in the current threat intelligence sources, or the search terms not matching any known threat analytics.

However, it's important to note that the absence of information does not necessarily mean that there is no threat. It's always recommended to keep systems and software up-to-date, use strong, unique passwords, and follow best security practices to minimize the risk of exploitation.

Unfortunately, without specific threat intelligence data, it's not possible to provide a bullet point list of impacted technology at this time.

# 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.



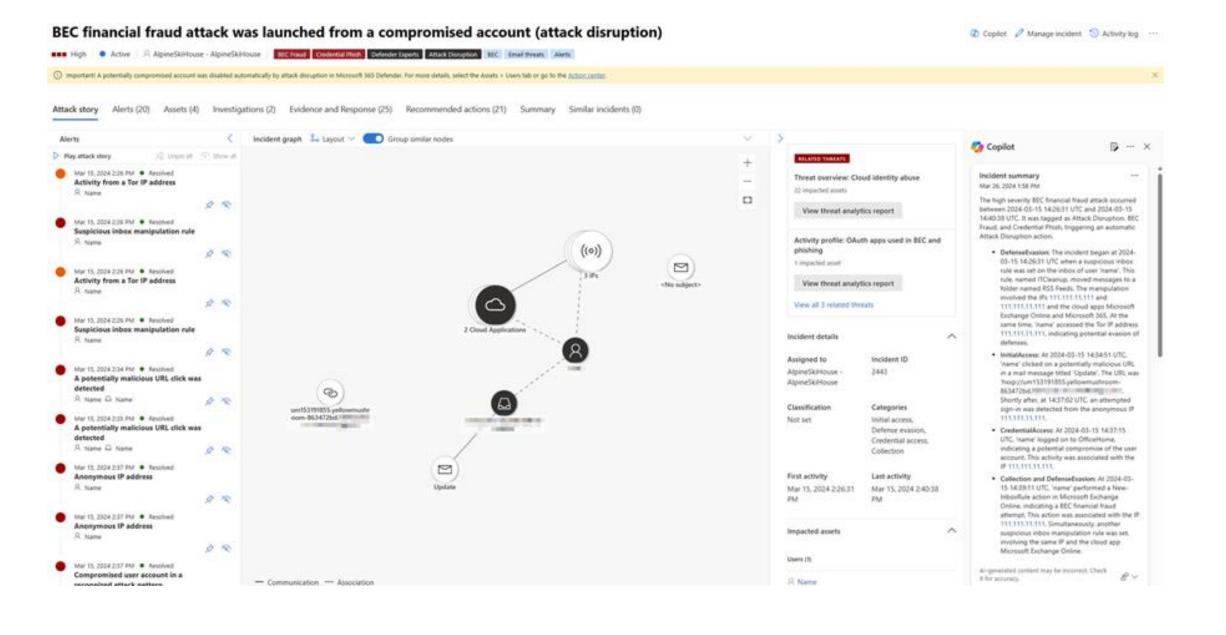
# Compare to another device

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.



# Syntex

# **Syntex**

Explore, set up, and manage the Syntex services that enhance content processes in Microsoft 365. Learn more about Syntex



# Manage pay-as-you-go billing

An Azure subscription is linked to Microsoft Syntex.

# Syntex services for

# Documents & images

Videos

Storage

Apps

# Document & image services

Service ↑	Description
Autofill columns	Let users add prompts to columns to extract or generate information from file contents.
Content assembly	Let users create modern templates with data sources and generate repetitive structured documents.
Document translation	Let users create translated copies of documents.
eSignature SUPPORTED REGIONS ONLY	Let users set up PDFs for internal and external stakeholders to sign.
Image tagging	Let users categorize and label images with descriptive keywords.
Optical character recognition	Let users use enhanced search that can recognize text in images.
Prebuilt document processing	Let users configure pretrained models to extract info from common documents like contracts, invoices, and receipts.
Structured and freeform document processin	Let users train custom models to extract info from structured documents like forms and freeform documents like letters a
Taxonomy tagging	Let users automate file tagging using your organization's terms.
Unstructured document processing	Let users train custom models to classify and extract info from the widest range of file types.

0

/iva Conne..

/iva Learning

8 Viva Engage

Aicrosoft C

 $\square$ 

Meet

•••

I have a customer who have a SharePoint library where all permissions on the root level and most things inherited Typically all staff will get access to everything but they have one contractor they'd only like to allow access to certain reports/files they're working on. It would mean we'd have to break inheritance throughout the document library, while we'd still maintain the existing permissions I am not a fan of the idea of breaking inheritance on all these random folders within the library.

October 16, 2024 at 10:47 AM

It sounds like you're dealing with a common challenge in SharePoint permissions management. Breaking inheritance can indeed be cumbersome and lead to potential issues down the line. Here are a few alternative approaches you might consider:

- 1. Create a Separate Library or Folder: Instead of breaking inheritance on multiple folders, you could create a separate document library or a specific folder within the existing library for the contractor. This way, you can set unique permissions on this new library or folder without affecting the rest of the structure.
- 2. Use SharePoint Groups: Create a SharePoint group specifically for the contractor and assign permissions to this group. You can then add the contractor to this group and grant access only to the necessary files or folders.
- 3. Share Individual Files: If the number of files the contractor needs access to is relatively small, you could share individual files directly with the contractor. This approach avoids breaking inheritance and keeps the overall permissions structure intact.
- 4. Metadata-Based Security: If your SharePoint environment supports it, you could use metadata to control access. By tagging documents with specific metadata, you can create views or filters that only show documents the contractor is allowed to see.
- 5. Azure AD B2B: If the contractor is external to your organization, consider using Azure AD B2B (Business to Business) to manage their access. This allows you to invite external users and manage their permissions more effectively.

Would any of these solutions work for your scenario? If you need more details on any of these approaches, feel free to ask!



Сору



1 of 30 responses
 Al-generated content may be incorrect







Robert Crane 13:10

Patron Copilot Please explain the benefits of using the tenant release preference in Microsoft 365 to gain access to the latest releases of all the services

## Patron Copilot Al generated 13:10

Using the tenant release preference in Microsoft 365 offers several benefits, especially for small businesses looking to stay ahead with the latest features and improvements. Here are some key advantages:

## 1. Early Access to New Features

- Innovation: Gain early access to the latest features and updates, allowing your business to leverage new tools and functionalities before they are generally available.
- Competitive Edge: Stay ahead of competitors by utilizing the most recent advancements in Microsoft 365 services.

## 2. Improved Productivity

- Enhanced Tools: Benefit from the latest productivity tools and enhancements, which can streamline workflows and improve overall efficiency.
- User Experience: Provide your team with the most up-to-date user experiences, which can lead to higher satisfaction and better adoption rates.

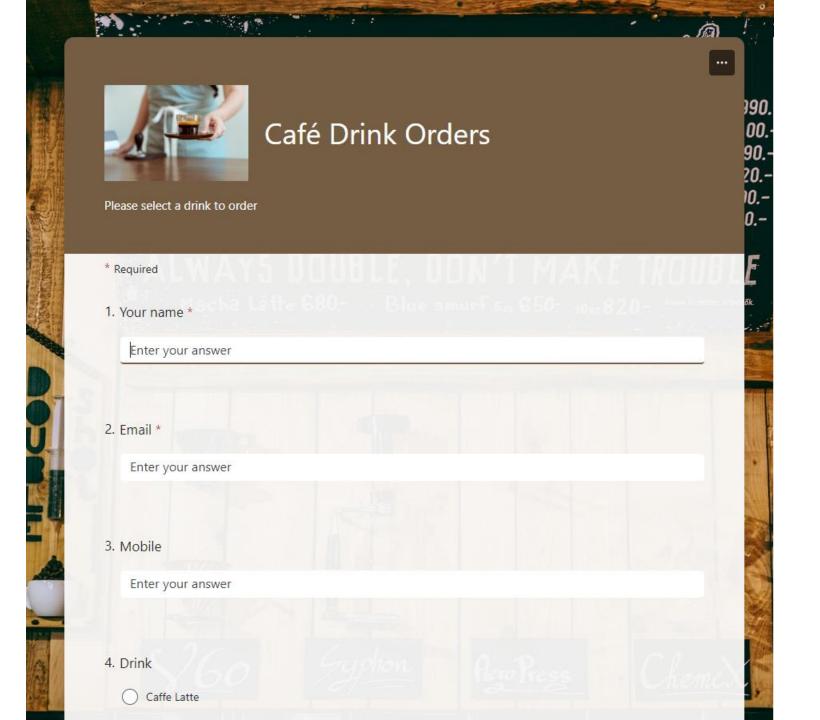
# 3. Better Planning and Preparation

- Testing and Feedback: Test new features in your environment and provide feedback to Microsoft, helping to shape the final release.
- Training: Prepare your team for upcoming changes by offering training and resources ahead of the general release.

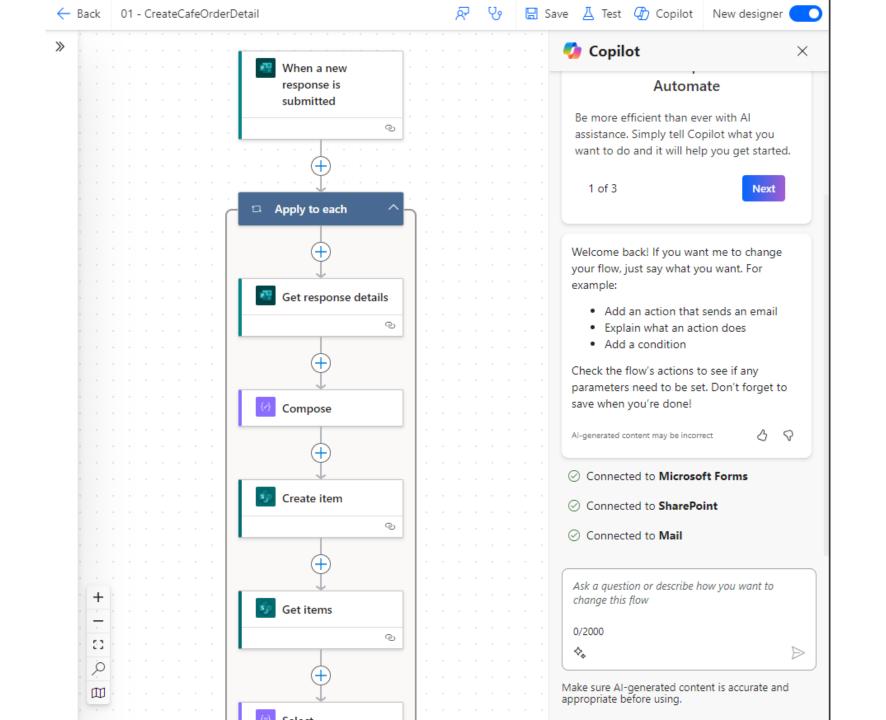
# 4. Security and Compliance

- Latest Security Features: Access the newest security features and updates, ensuring your business is protected against the latest threats.
- Compliance: Stay compliant with the latest

# F O M



# Power Automate



# Free Support



# Summary

- Are you using all the free included capabilities?
- Are you using the low cost addons available from Microsoft?
- Are you using code to achieve scale and save time?
- Are overlooking the integration between services?
- Are you utilising all the support available?

https://bit.ly/cia-m365overlooked

