



Positive digital flow

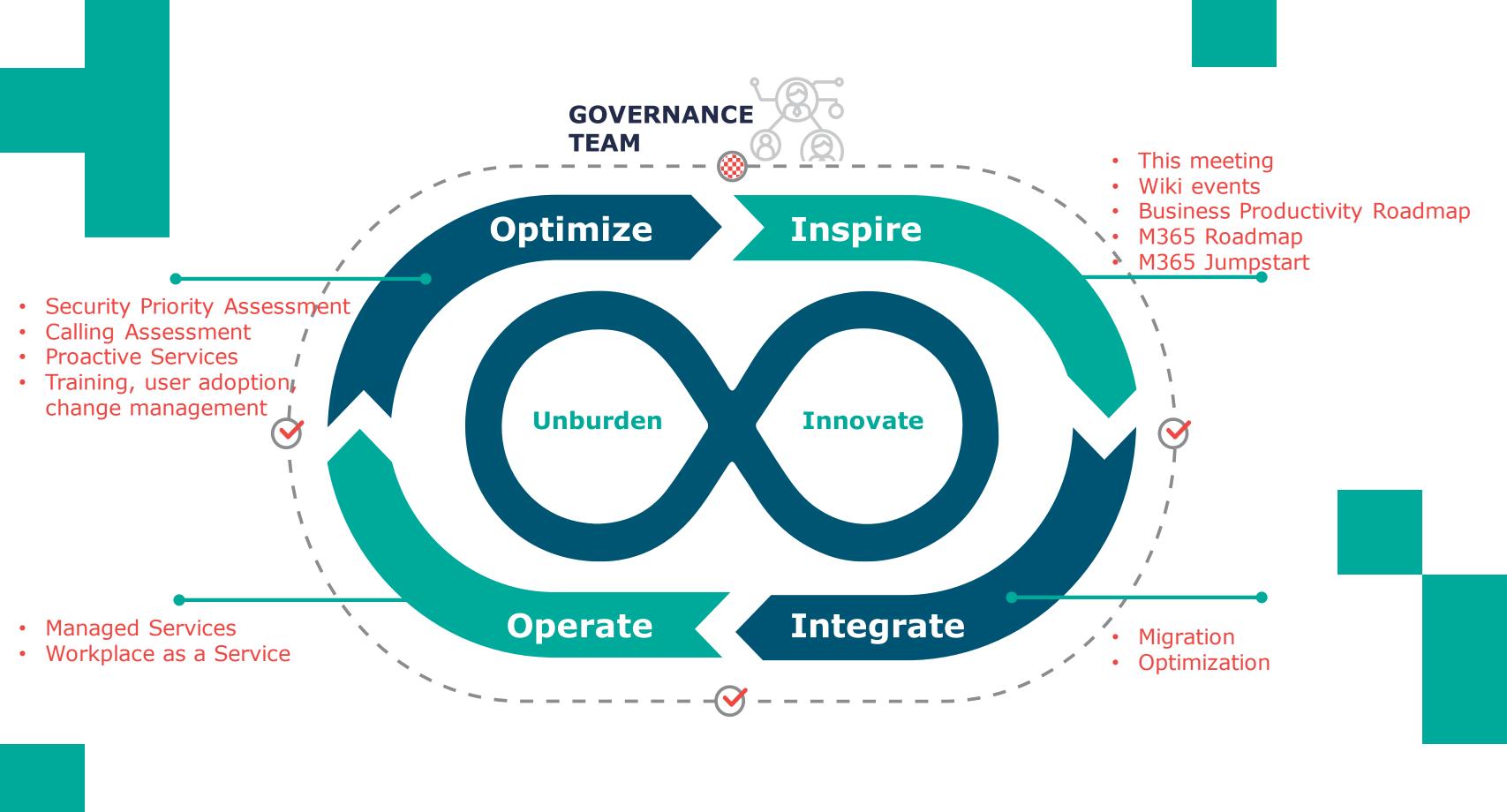
Zero Trust – Hou grip op uw documenten met Azure Information Protection





Praktische afspraken

- Vragen via chat
- Iedereen op mute
- Q&A na de presentatie
- Evaluatie met link naar de slides worden na het event doorgestuurd



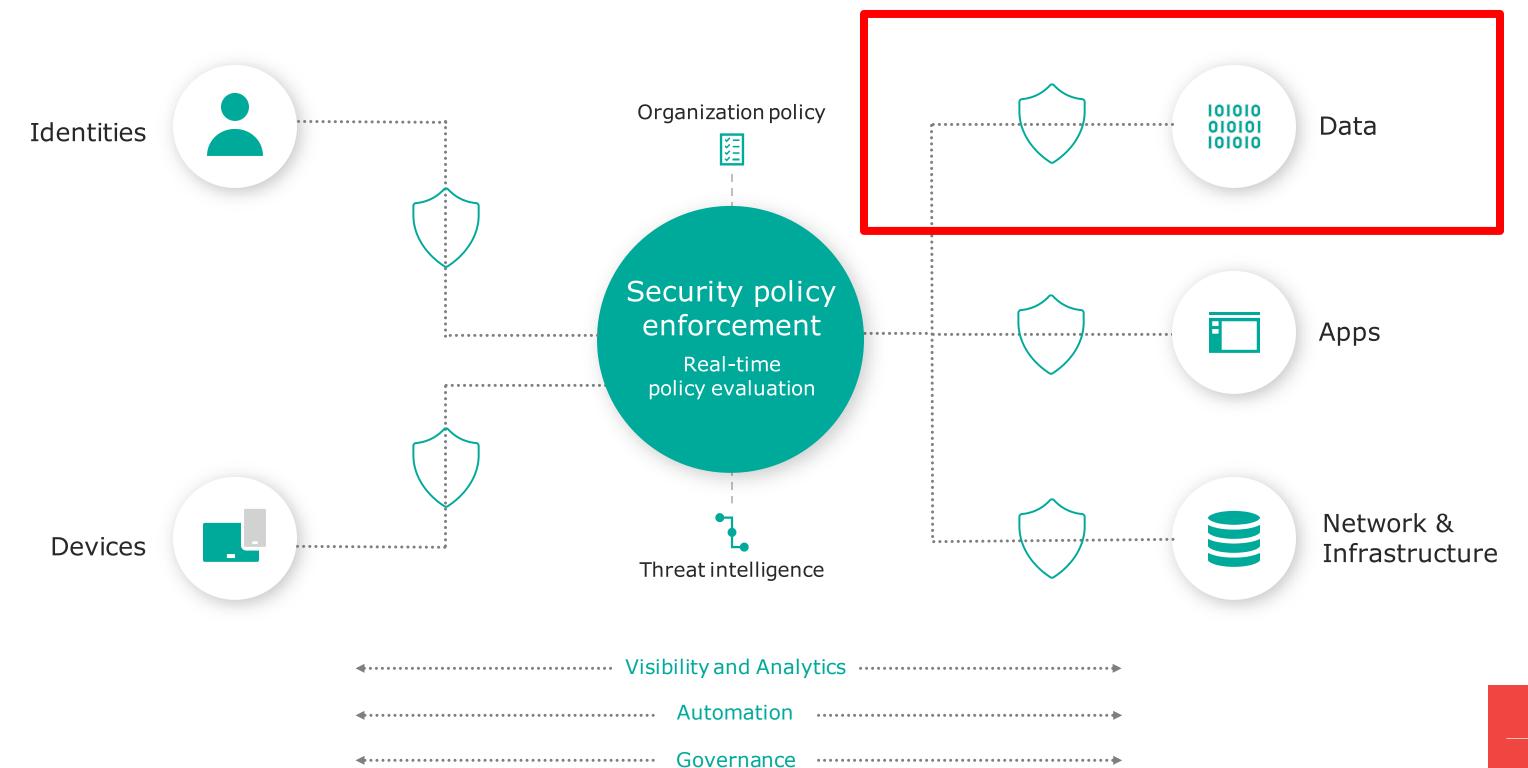
Zero Trust Roadmap



	Identities	Devices	Network & Infrastructure	Applications	Data
TRADITIONAL	No SSO between cloud and on-premises apps	Devices are domain joined	Flat open network with unencrypted traffic	On-premises apps and no cloud apps	Access is governed by perimeter
	Visibility into identity risk is very limited	No overview and inventory of devices	Minimal threat protection	No overview of shadow IT	Unencrypted and without classification
ADVANCED	Basic conditional access policies with basic MFA Cloud identity federation and visibility	Devices are registered with a cloud identity provider	Basic network segmentation Cloud native filtering	Apps configured with SSO + discover shadow IT	Access is governed by classification Encrypted and
	into identity risk	DLP policies for BYOD	and threat protection	Critical apps are monitored	classified via keywords
	Password less authentication	Endpoint threat protection is used to monitor device risk	Micro segmentation	Apps are available using least privilege access	Classification by Al
OPTIMAL	Phishing-proof MFA User behavior is analyzed in real time	Access control is gated on device risk	ML-based threat protection and filtering	In-session monitoring and response	DLP policies based on classification
	Enforce least privilege access	Continuous risk-based asset management	All traffic is encrypted	Assess the security posture of cloud apps	Access governed by cloud security policy engine

Zero Trust Architecture

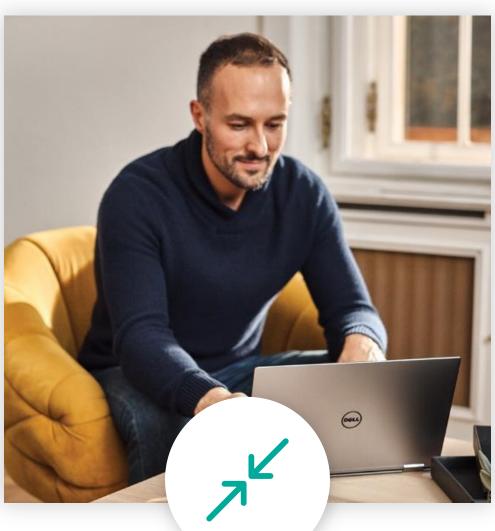


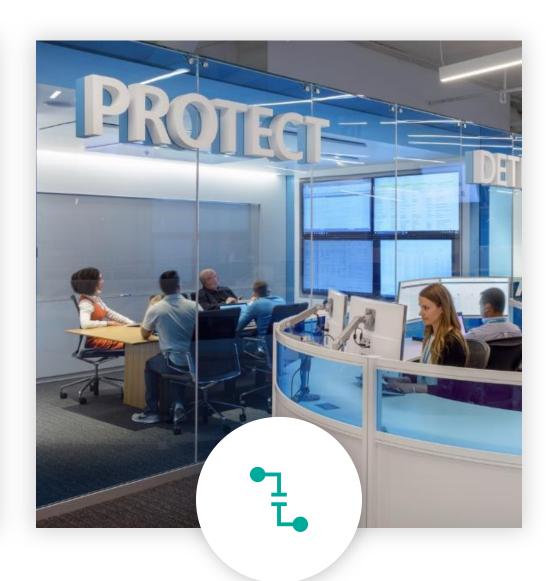


A new reality needs new principles









Verify explicitly

Use least privilege access

Assume breach



Why do you need Information Protection?

- You need to know where your (confidential) information resides!
- You need to know who has access to this information!
- In case of an audit, you need to prove that only the correct persons have accessed the data!
- You don't want everybody to know about your dirty company secrets!





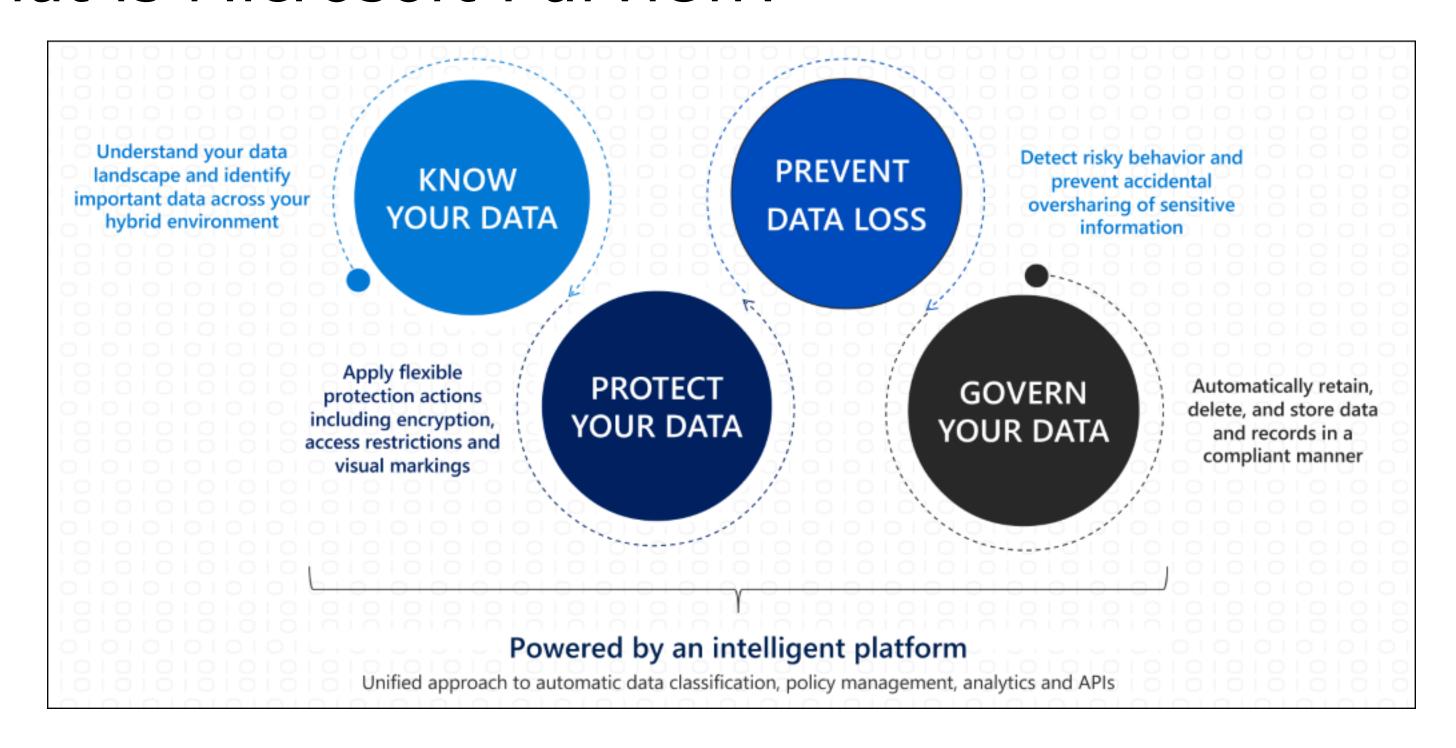
What is Azure Information Protection?

- Azure Information Protection (AIP) is part of Microsoft Purview Information Protection.
- AIP extends the labeling and classification functionality provided by Microsoft Purview with the following capabilities:
 - The unified labelling client
 - An on-premises scanner
 - The SDK
 - AIP also provides the encryption service and Azure Rights
 Management.





What is Microsoft Purview?







Sensitive information types

Trainable classifiers

Data classification





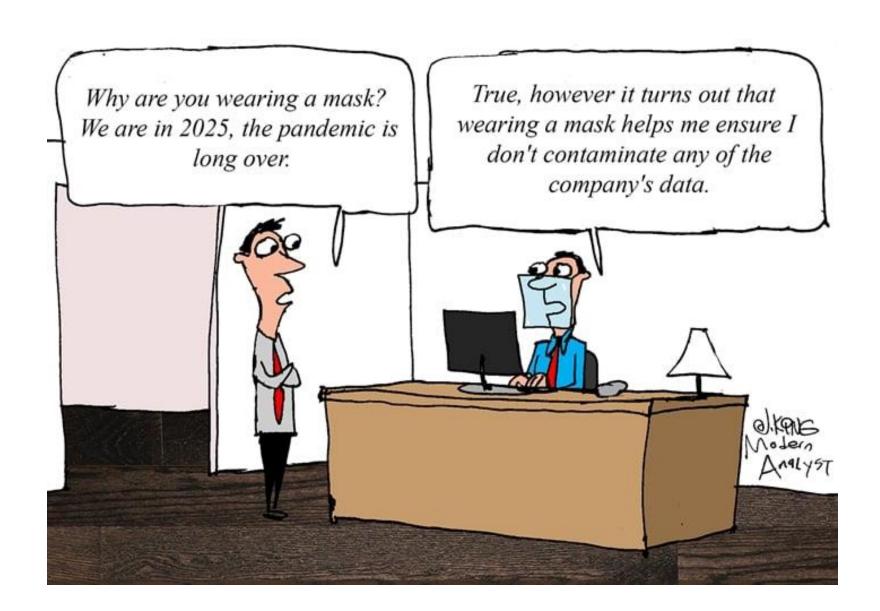
2. Protect your data!

Sensitivity labels

 Microsoft Information Protection unified labelling client

Double Key Encryption

Office 365 Message Encryption
 (OME)





3. Prevent data loss!

- Microsoft Purview Data Loss Prevention
- Endpoint data loss prevention
- Microsoft Compliance Extension
- Microsoft Purview data loss prevention on-premises scanner
- Protect sensitive information in Microsoft Teams chat and channel messages





4. Govern your data!

- Safeguard your data for a certain period.
- Delete stale data.
- Check who accessed what data and what actions were performed on it.
- Make sure you are compliant to data standards like GDPR.



"THAT WILL BE \$28.75, NOW IF I CAN JUST GET YOUR POSTAL CODE, PHONE NUMBER AND A SMALL BLOOD SAMPLE, "



Where can Purview policies be applied?

You can apply DLP policies to data at rest, data in use, and data in motion in locations, such as:

- Exchange Online email
- SharePoint Online sites
- OneDrive accounts
- Teams chat and channel messages
- Microsoft Defender for Cloud Apps
- Windows 10, Windows 11, and macOS devices
- On-premises repositories
- PowerBI sites
- •
- Other data repositories by using the SDK or third-party connectors.

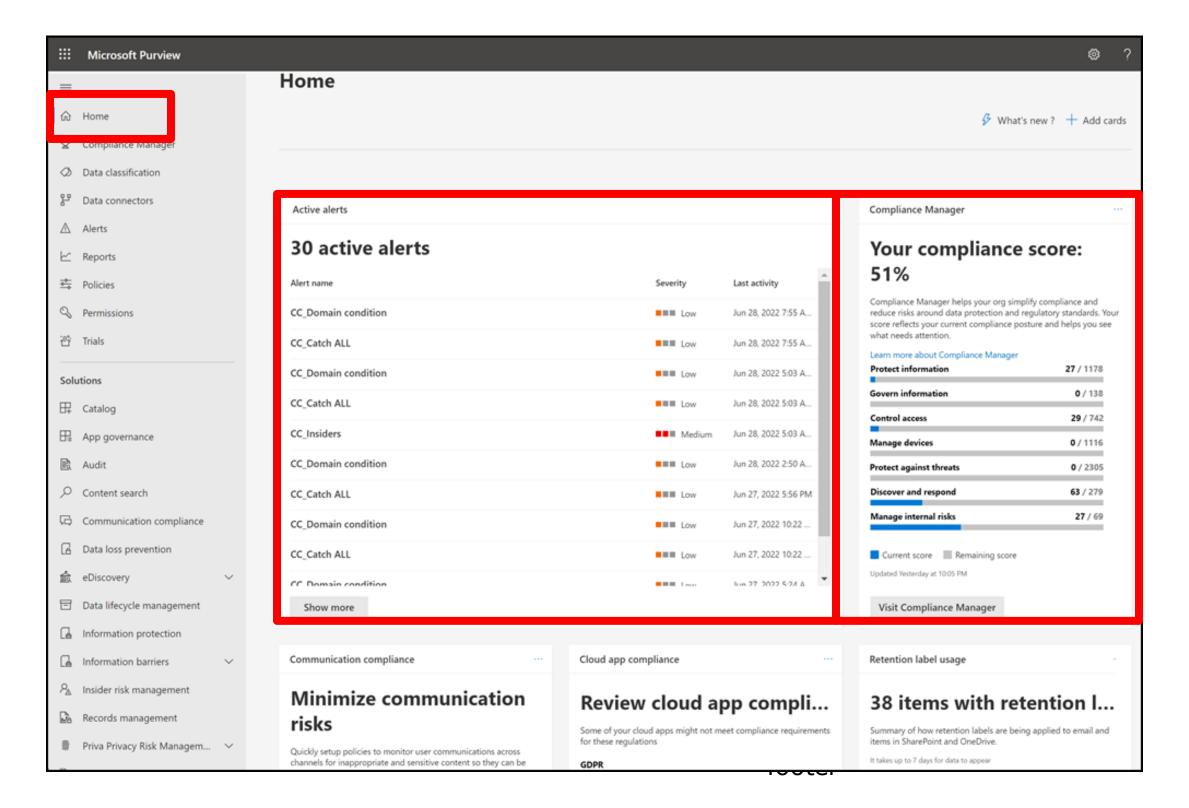


What is important when implementing Purview/AIP?

- Before starting with Purview implementation, there are some things you must consider:
 - Do you know what type of data you want to protect?
 - Do you have a clear overview of who must have access to what data?
 - Do you only want to protect data in the cloud, or also onprem?
 - What labels are you going to use in what structure?
 - Do you want to apply a default label to documents, and what will be the impact of this?
 - Will everybody be able to change the default label of a document?

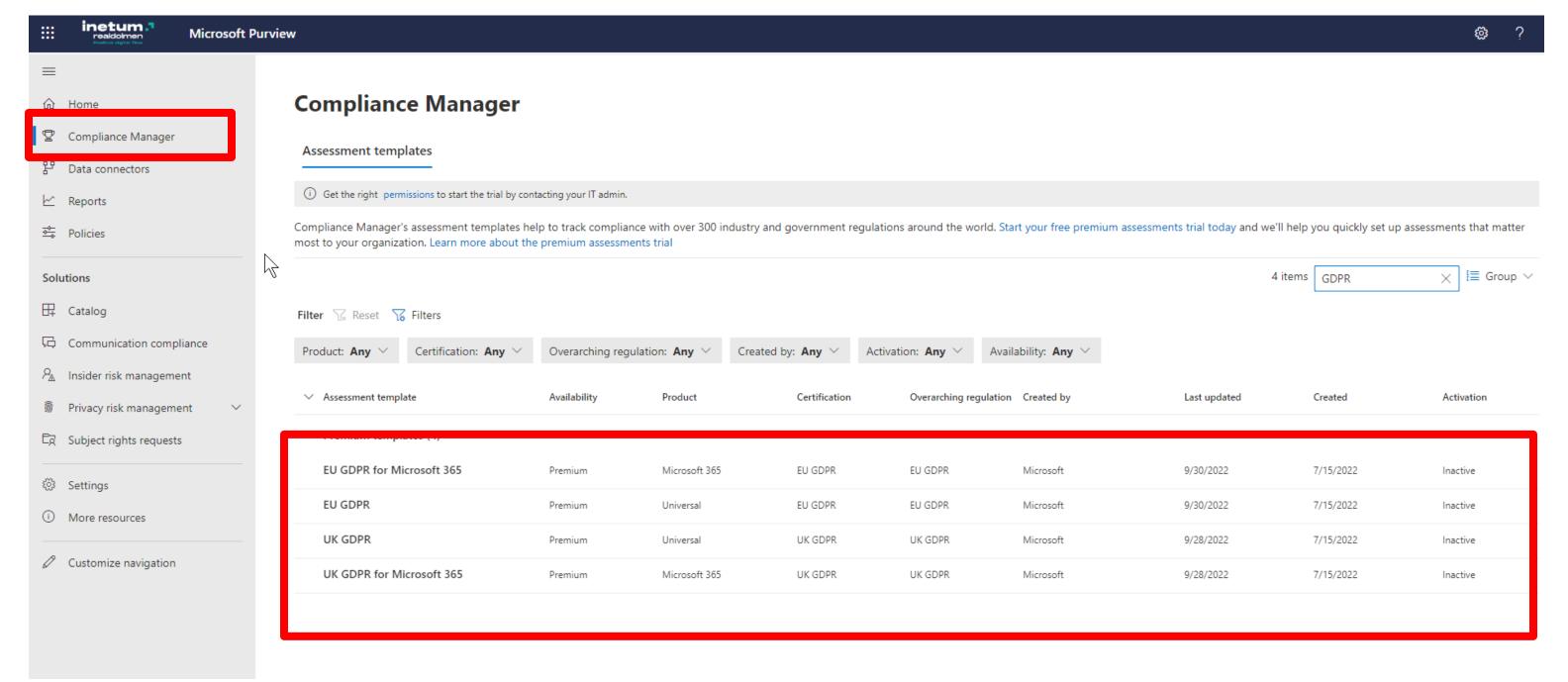


The compliance center (https://compliance.microsoft.com)



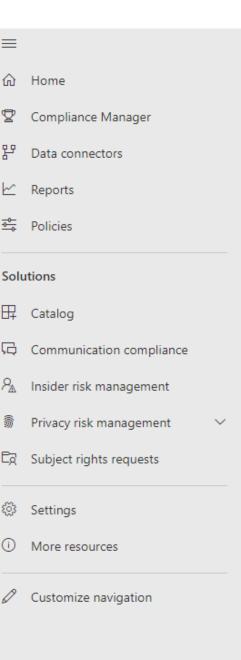


The compliance Manager



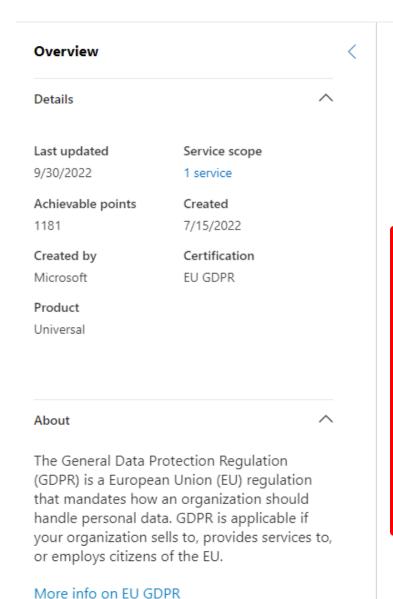


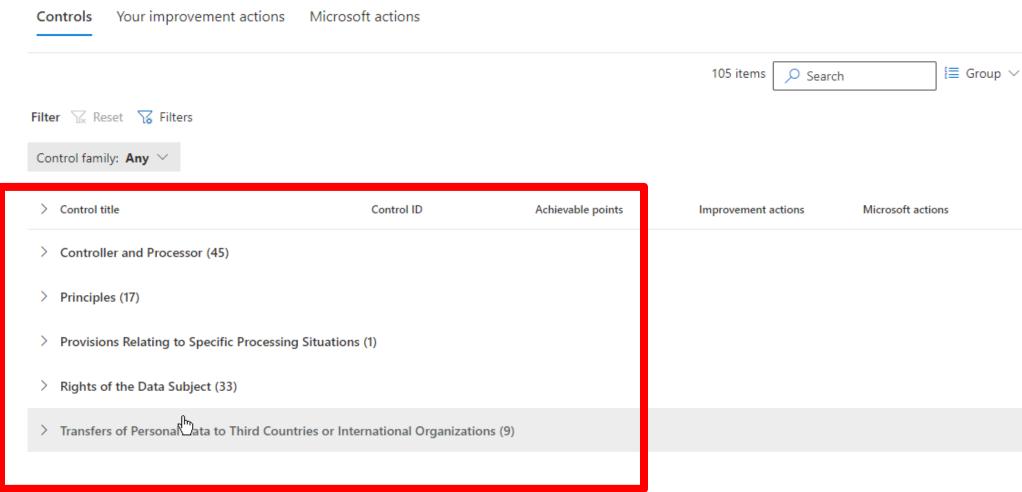
Controls



Compliance Manager > Assessment templates > EU GDPR

EU GDPR





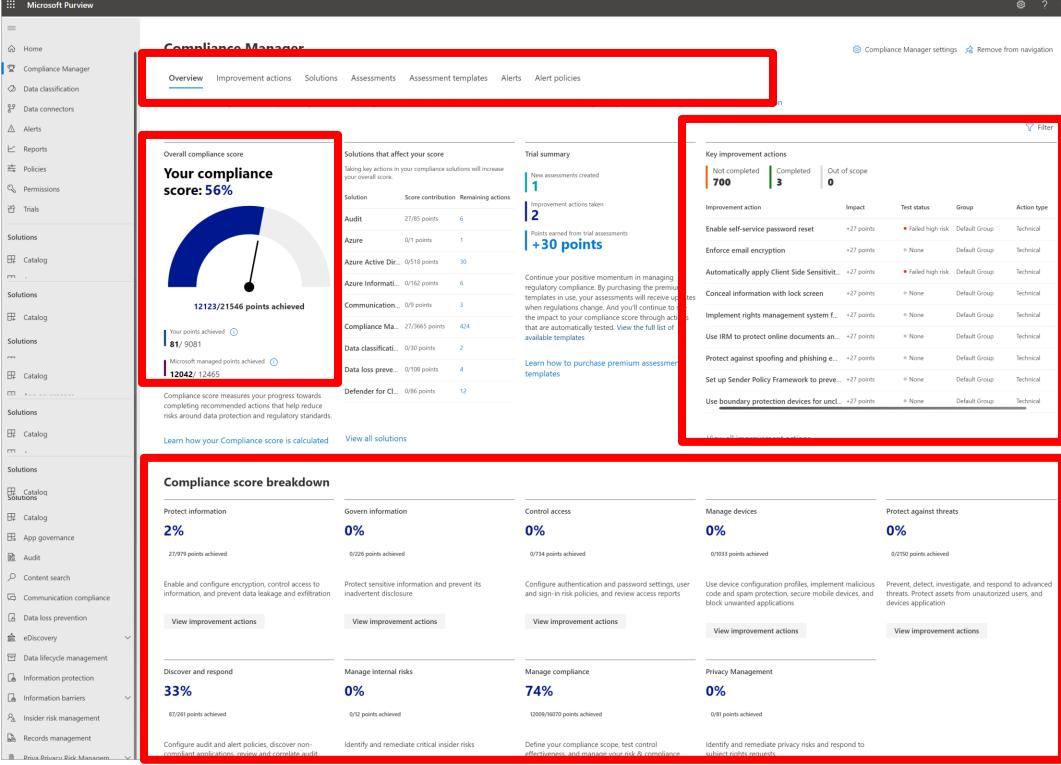


EU GDPR

>	Control title	Control ID	Achievable points	Improvement actions	Microsoft actions	
~	Controller and Processor (45)					
	Agreements	28.9	27	3	0	
	Allocation of Responsibilities for Joint Controllers	26.2	18	2	0	
	Authorization for the Engagement of Other Proces	. 28.2	18	2	0	
	Authorization from the Controller to Process Perso	32.4	18	2	0	
	Availability of Contact Det	37.7	27	3	0	
	Breach Notification - Controllers	33.1	2	2	0	
	Breach Notification - Processors	33.2	11	3	0	
	Breach Notification to Data Subject	34.1	2	2	0	
	Breach Records	33.5	12	4	0	
	Compliance Obligations for Controllers	24.3	27	3	0	
	Compliance with Organizational Requirements	28.5	18	2	0	
	Considerations for the Data Protection Officer	39.2	36	 4	0	

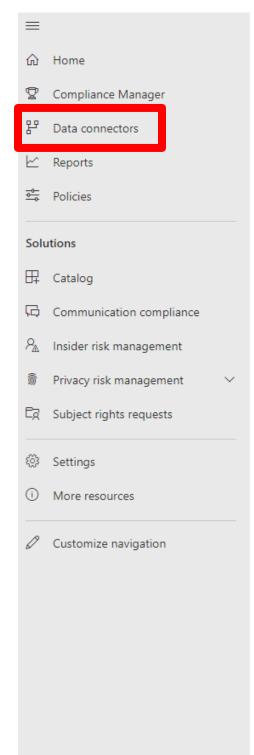








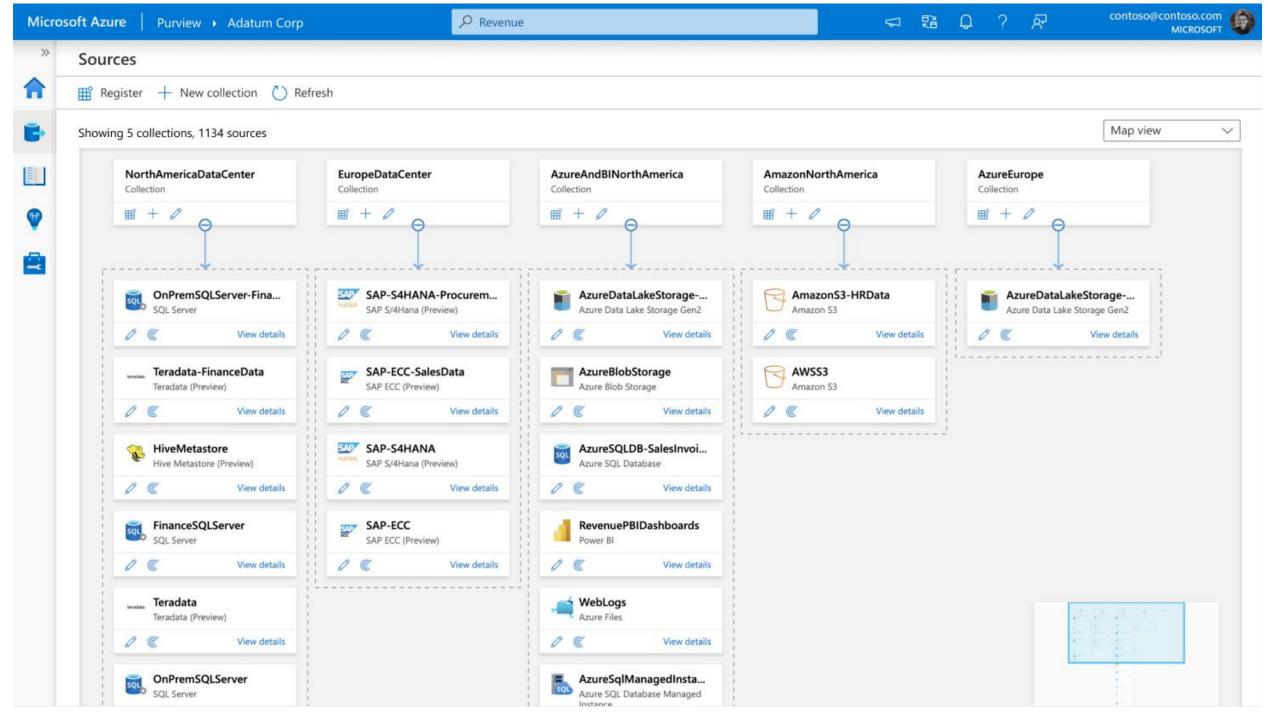
Data connectors



Connector name	Description	Published by	Category
Signal Archiver	Use regular Signal, while capturing all Signal calls, chats, attachments, files and deleted messages. U		Instant Messaging
Skype for Business	Connecting to your Skype for Business data is valuable for Information governance, Communication	Veritas Technologies	Instant Messaging
Skype for Business Server DataParser	Collects Skype Server IMs, multi-party chats and persistent chat rooms (including attachments) from	17a-4, llc	Instant Messaging
Slack DataParser	Collects direct messages, private and public channels, groups, topics, users, and files via Slack's API.	17a-4, llc	Instant Messaging
Slack eDiscovery	Connecting to your Slack eDiscovery data is valuable for communication compliance, information g	Veritas Technologies	Instant Messaging
Symphony	Connecting to your Symphony data is valuable for communication compliance, information governa	Veritas Technologies	Instant Messaging
Symphony DataParser	Collects posts, chats, rooms, signals, social activity, connection requests, invites, blasts and files via S	17a-4, llc	Instant Messaging
Telegram Archiver	Use regular Telegram, while capturing all Telegram calls, chats, attachments, files and deleted messa	TeleMessage	Instant Messaging
TELUS SMS Network Archiver	Integrated with the Telus mobile network. Get a copy of employee SMS in Microsoft 365. Available o	. TeleMessage	Instant Messaging
Verizon SMS/MMS Network Archiver	Integrated with the Verizon mobile network. Get a copy of employee SMS & MMS text messages in	TeleMessage	Instant Messaging
Webex Teams	Connecting to your Webex Teams data is valuable for communication compliance, information gove	Veritas Technologies	Instant Messaging
WeChat Archiver	Use regular WeCom (WeChat for Work) , while capturing all WeChat/WeCom calls, chats, attachment	. TeleMessage	Instant Messaging
WhatsApp Archiver	Use regular WhatsApp, while capturing all WhatsApp calls, chats, attachments, files and deleted mes	TeleMessage	Instant Messaging
Workplace from Facebook	Connecting to your Workplace from Facebook data is valuable for communication compliance, infor	Veritas Technologies	Instant Messaging
XIP	Connecting to your XIP source data is valuable for communication compliance, information governa	Veritas Technologies	Instant Messaging
Yieldbroker	Connecting to your Yieldbroker data is valuable for communication compliance,Information governa	. Veritas Technologies	Instant Messaging
Zoom DataParser	Collects 1-to-1 and multi-party chats, screen shares, meeting audio and meeting recordings via the	17a-4, llc	Instant Messaging
Zoom Meetings	Connecting to your Zoom Meetings data is valuable for communication compliance, information go	Veritas Technologies	Instant Messaging



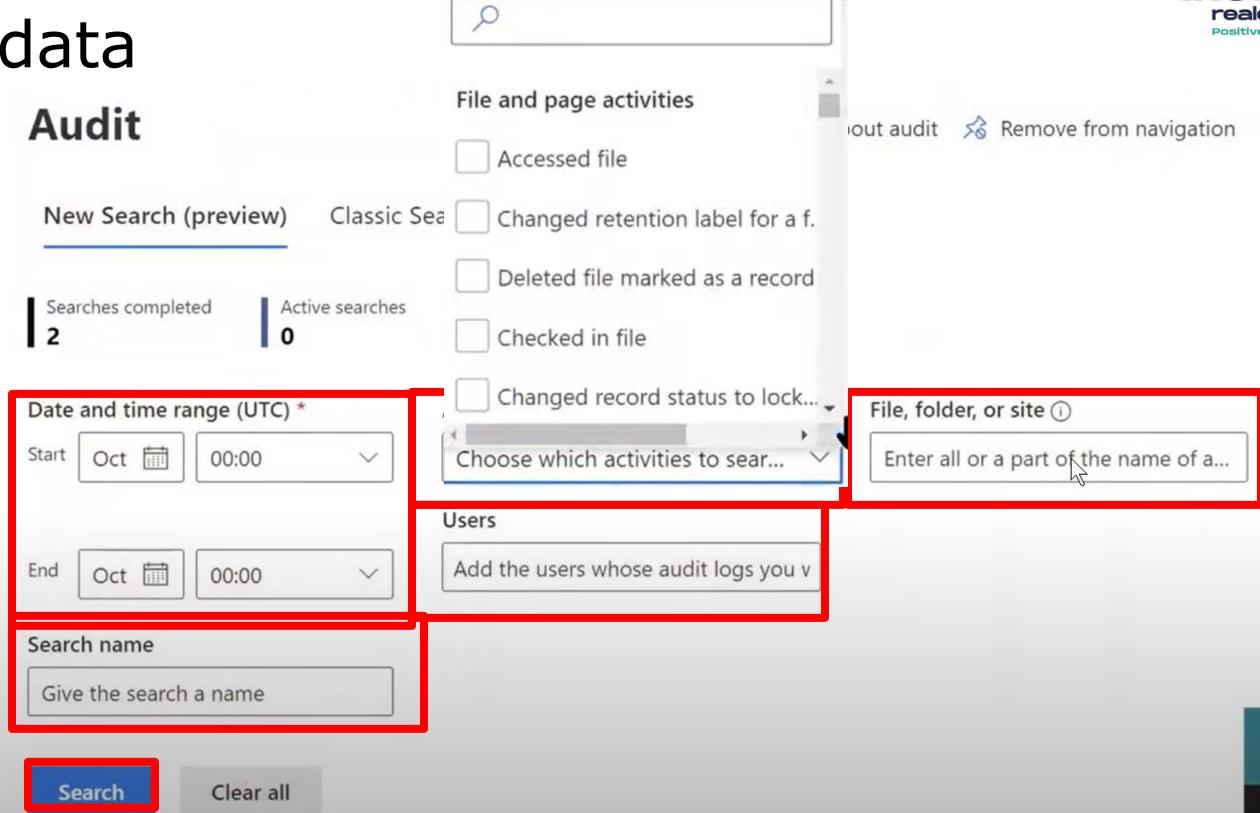
Data sources



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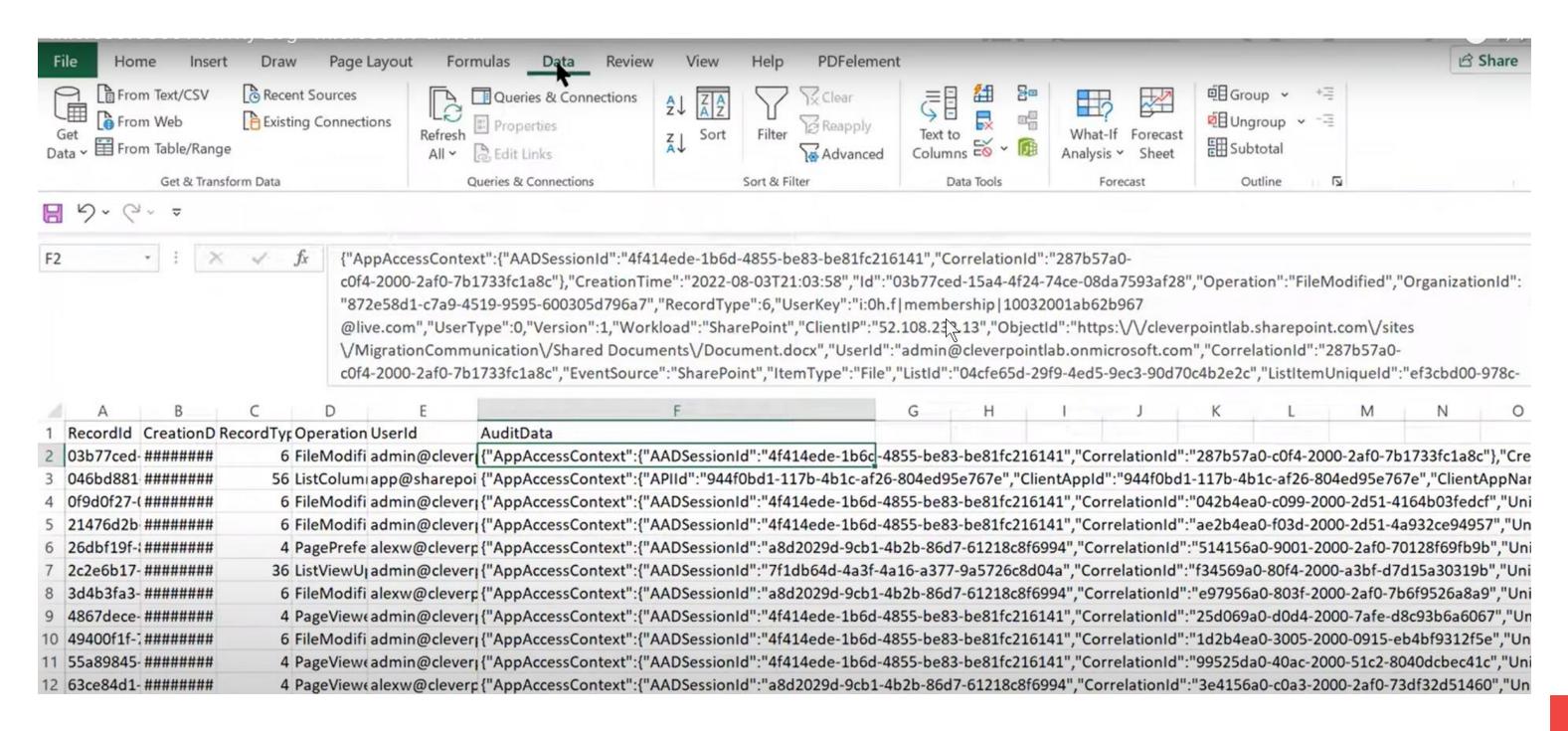


Audit data



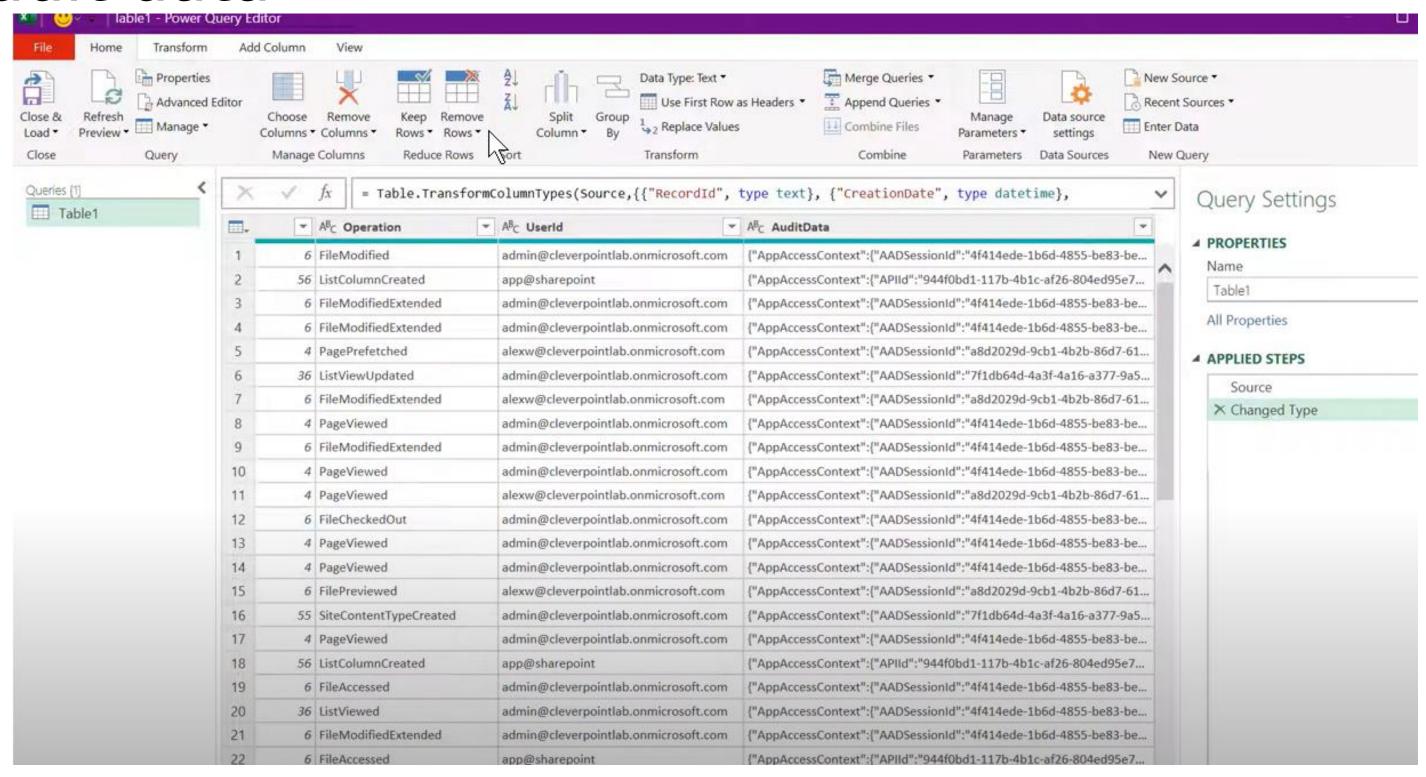


Audit data





Audit data







Toekomstige webinars rond Zero Trust

08/02

Microsoft 365 Defender Threat
Protection: een gedegen securityoplossing

15/02

Aan de slag met big data? Beheer de overvloed aan data met Azure Purview



www.inetum-realdolmen.world/nl/events





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- info@inetum-realdolmen.world
- Uw vertrouwde contactpersoon bij Inetum-Realdolmen
- Evaluatieformulier





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