

Advance Data Governance: OFFICE 365

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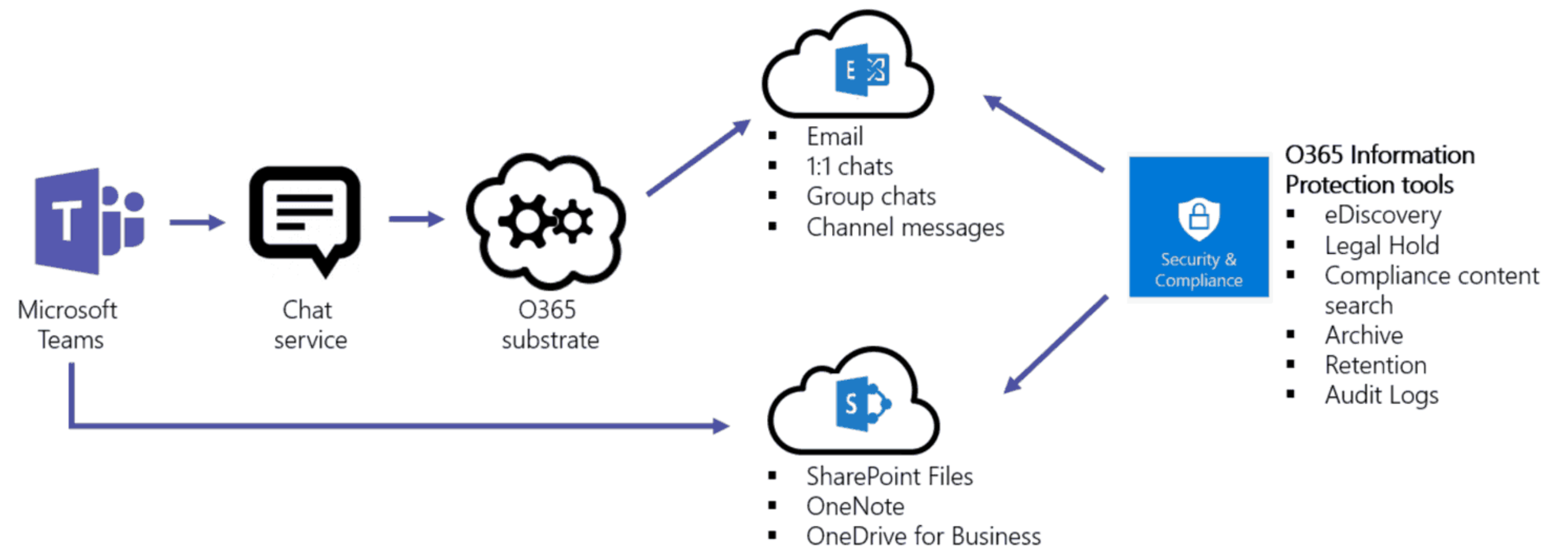
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Session Agenda

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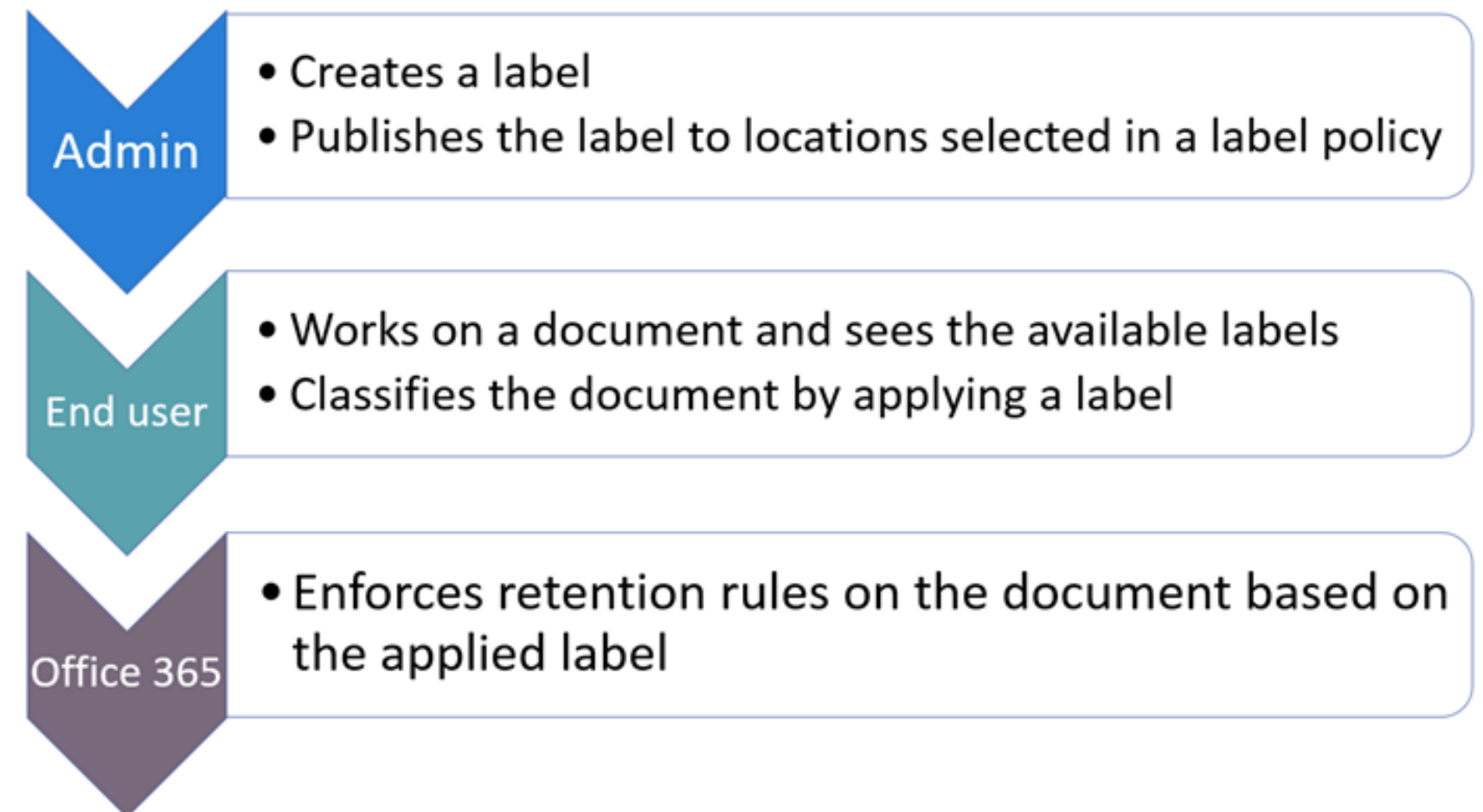
- Data Governance – Introduction
- Key Features
- Classification & Retention in Office 365
- Data Loss Prevention (DLP)
- Governance Dashboard
- eDiscovery
- Audit Logs
- Licensing Requirements
- APIs for Automation



Session Agenda: Demos

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- Retention in action
- Policy recommendation using ML
- Using Inbuilt Document templates
- Automation using APIs



Introduction

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- What is Data Governance
- Why we need Data Governance
- Advance Data Governance in Office 365 : Key features

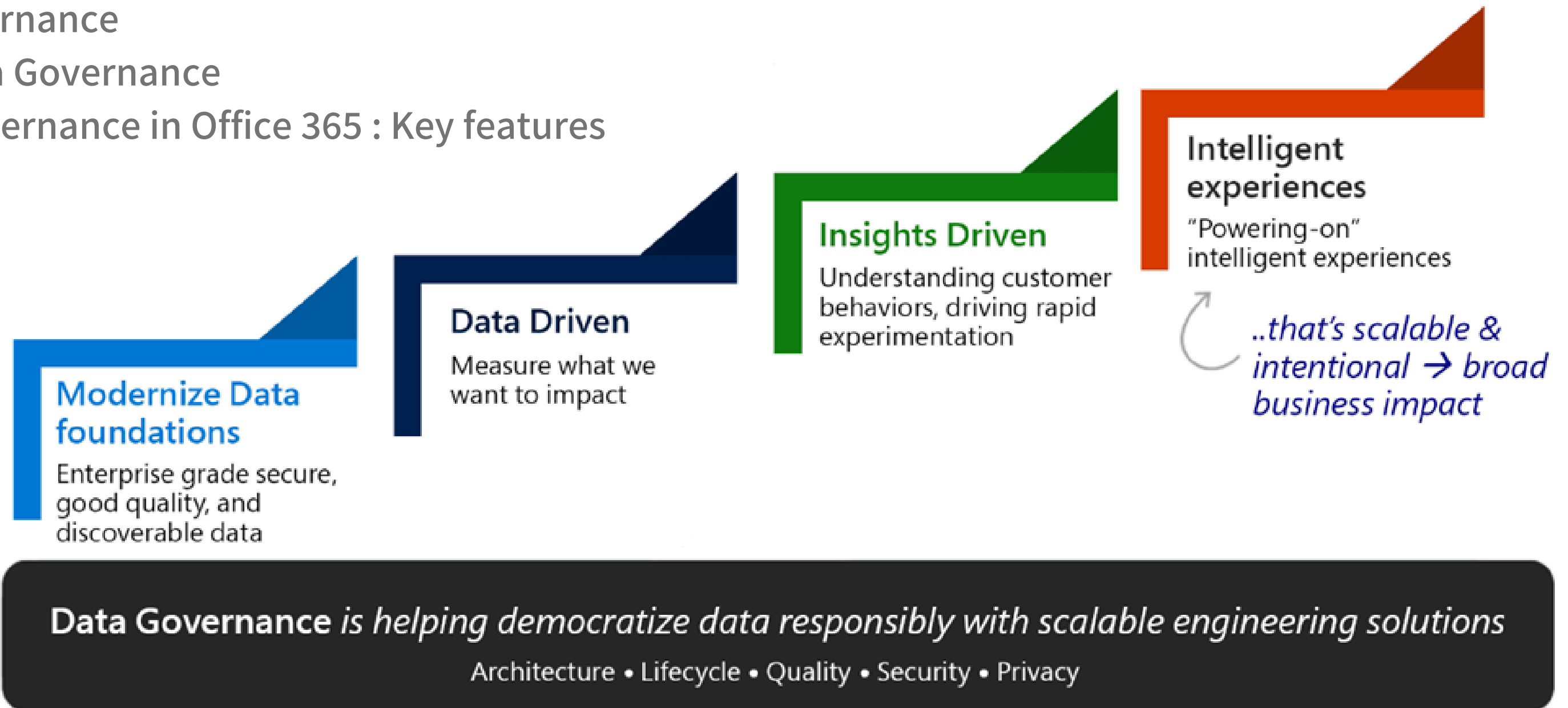
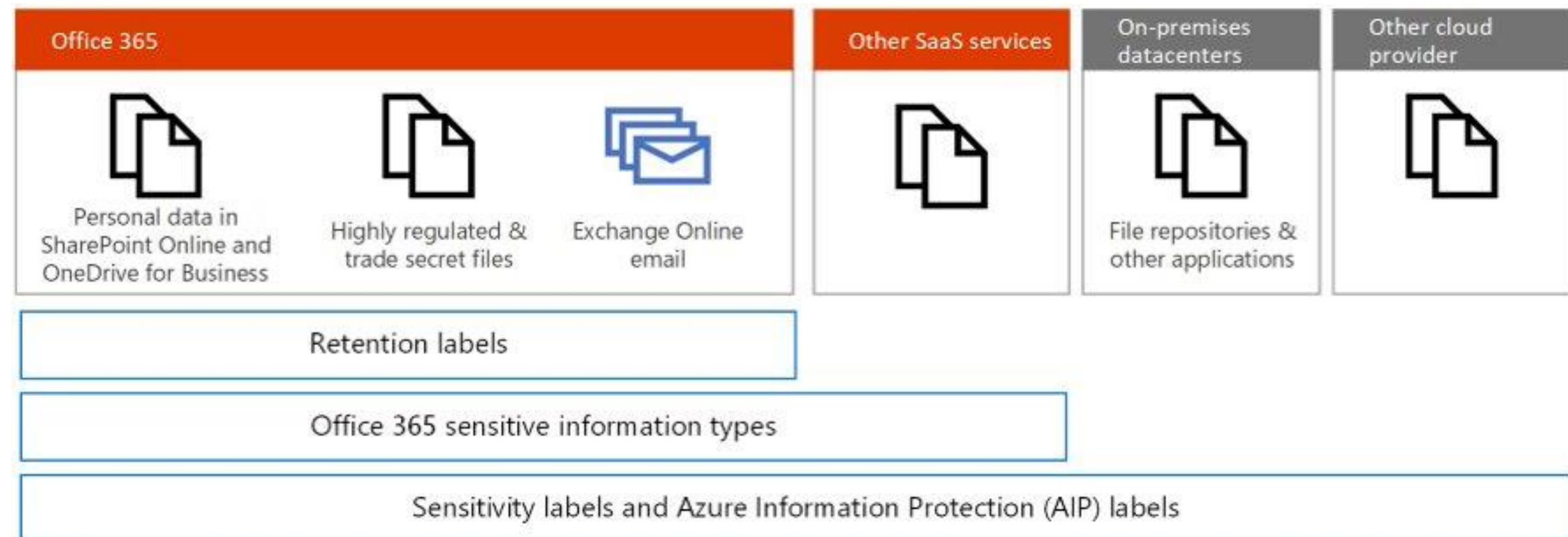


Figure 1. Data governance is the foundational pillar of the Microsoft Enterprise Data Strategy

Office 365 : Key Features

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- Efficient Data classification
- Proactive Policy recommendation
- Data Retention
- Inbuilt Templates



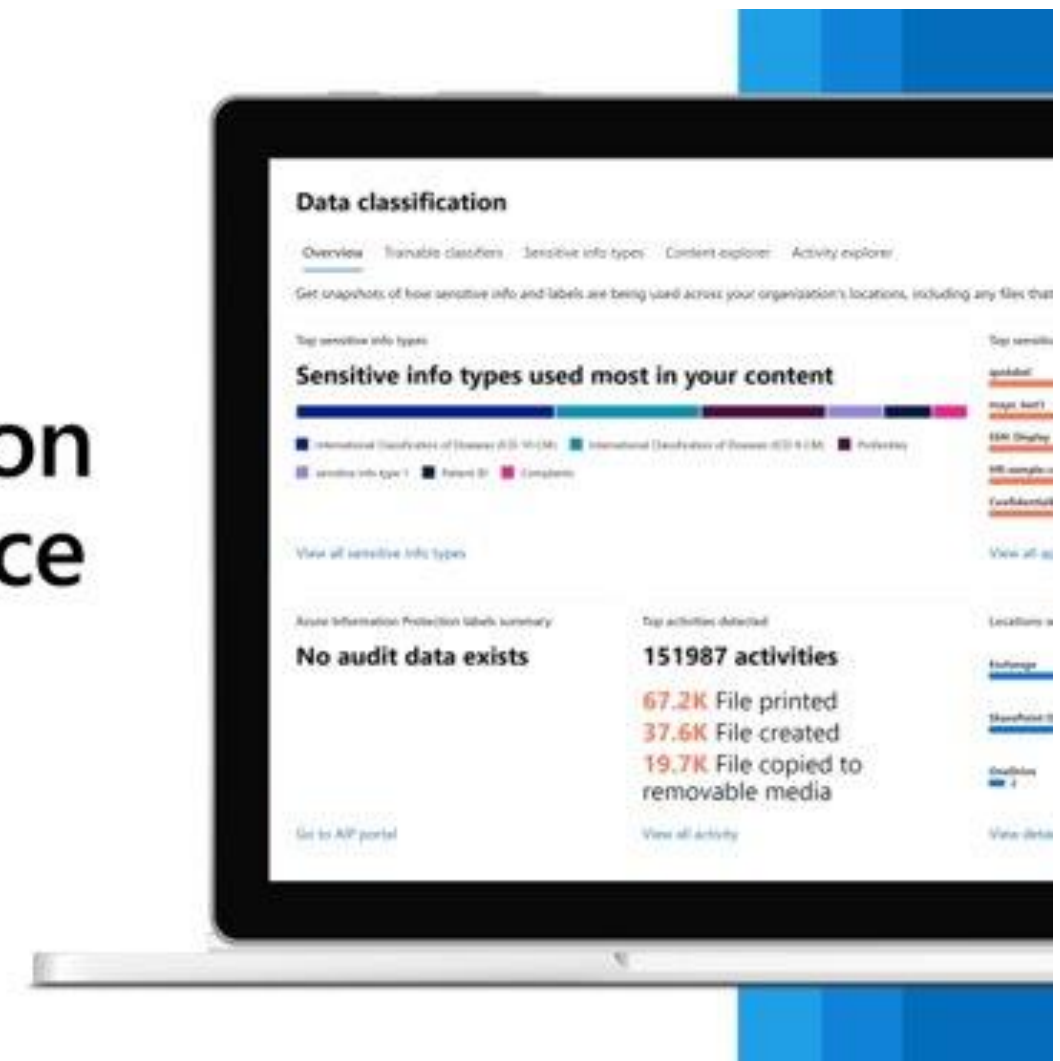
Key Features contd..

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- Intelligent Policy enforcement
- Covers across Office 365 products including non-MS data
- Governance Dashboard for quick decision making
- Document disposal and disposal review

Microsoft 365

Data classification in the compliance center



Classification & Retention

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- Record Management in Office 365
- Data Classification using Labels
- Rules to Auto apply labels
- File plan

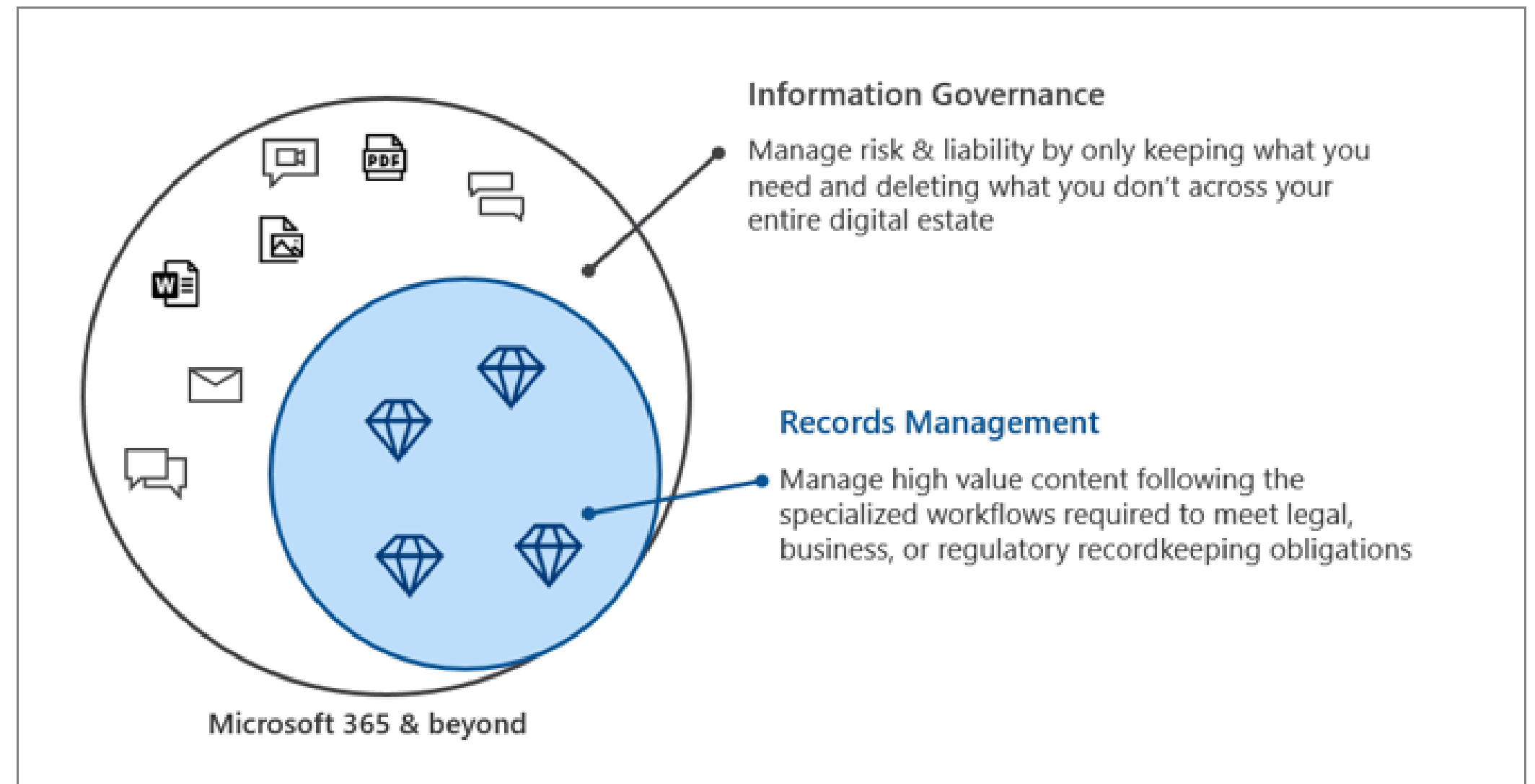
Sensitive data classification

Your top classifications sets



■ U.S. Financial Data ■ U.S. Personally Identifiable Information (PII) Data
■ U.S. Health Insurance Act (HIPAA) ■ U.K. Financial Data ■ U.K. Personal Data

[Explore data by industry regulators in the content explorer](#)





Retention Contd..

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- Event based Retention
- Retention Policies
- Publish across Office 365 products
- Enforce compliance (E.g. SEC Rule 17a-4(f))
- Data Loss Prevention (DLP)

The principles of retention

Retention wins over deletion

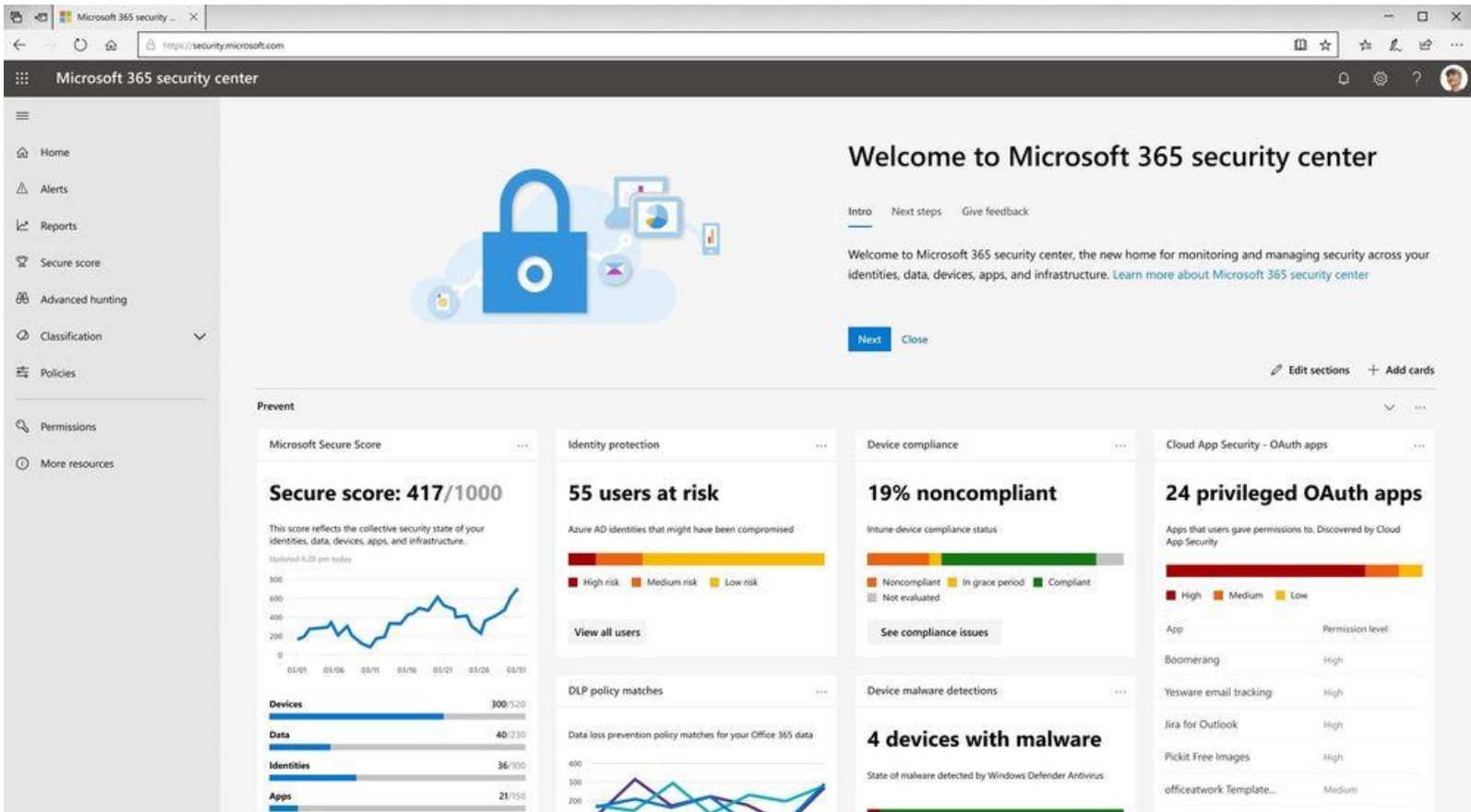
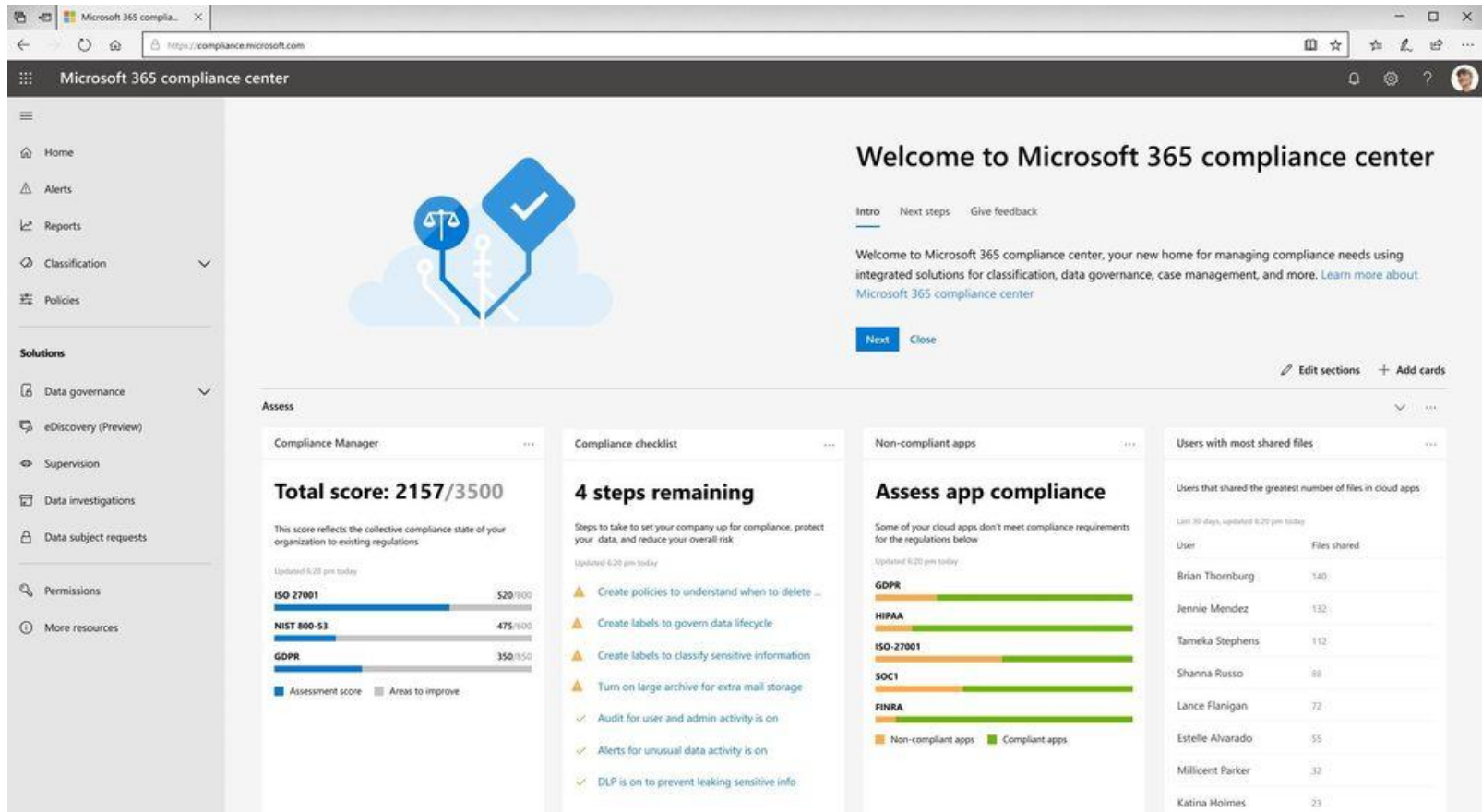
Longest retention period wins

Explicit inclusion wins over implicit inclusion

Shortest deletion period wins

Governance Dashboard

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Demo

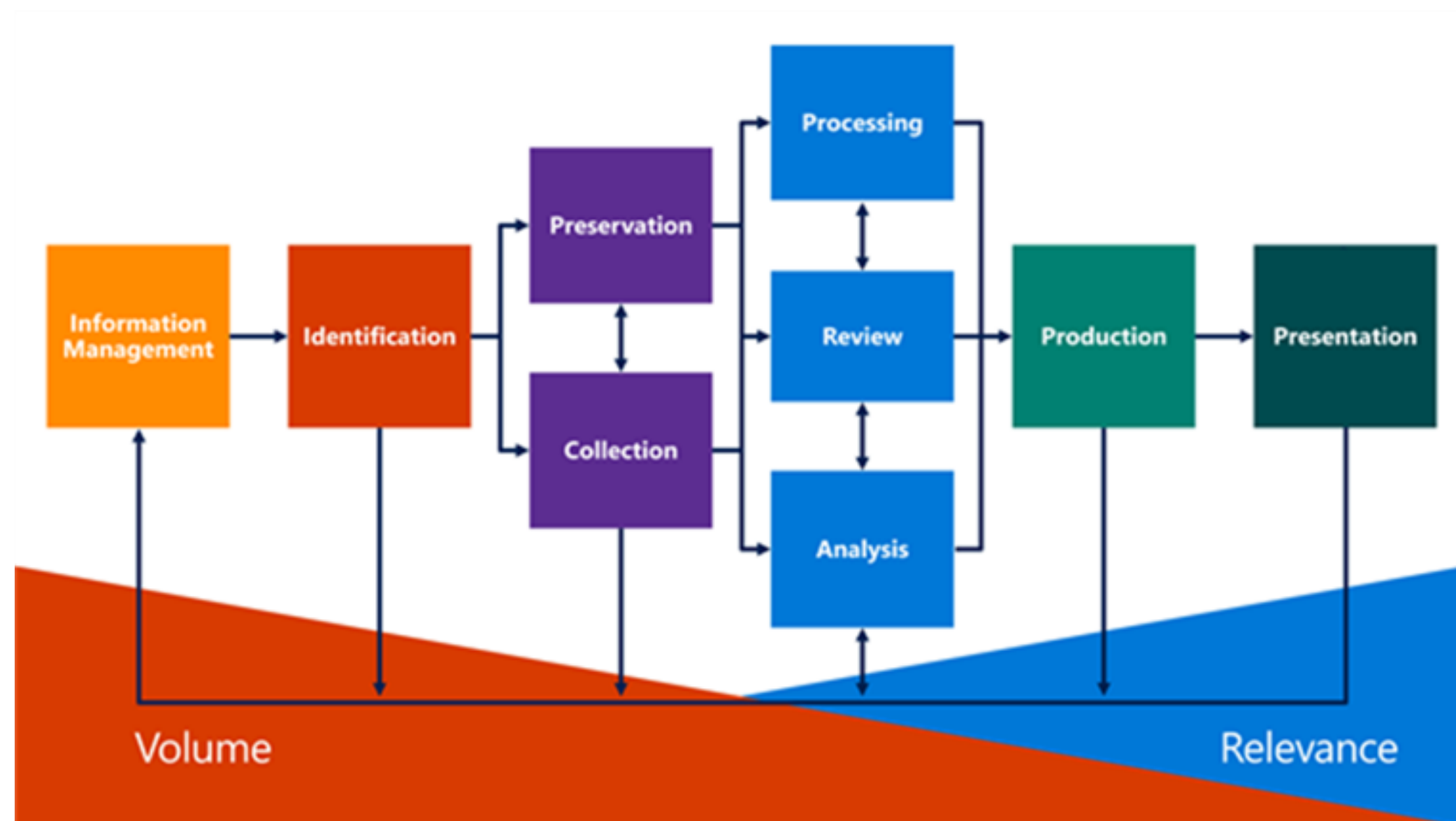
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eDiscovery

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- User activity - using custodian
- Content search
- Core eDiscovery
 - Hold
 - Search
 - Export





Audit Logs

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- keep log of all activities of all the users - which IP are being used to access file in the system
- Audit log search

Audit

Remove from navigation

Need to find out if a user deleted a document or if an admin reset someone's password? Search the Office 365 audit log to find out what the users and admins in your organization have been doing. You'll be able to find activity related to email, groups, documents, permissions, directory services, and much more. [Learn more about searching the audit log](#)

Create audit retention policy

Search

Activities

Accessed file

Users

Search

File, folder, or site [ⓘ]

Add all or part of a file name, folder name or URL

View all activities

Start date

Mon Aug 10 2020

Start time

00:00

End date

Mon Sep 07 2020

End time

00:00

Search

Clear all


Export


9 items

Filter

Applied filters:

Date	IP Address	User	Activity	Item	Detail
Aug 30, 2020 6:45 PM	52.140.98.255	app@sharepoint	Accessed file	Patient CC info.docx	AuditSearchResultDetail_FileAccessed
Aug 30, 2020 6:44 PM	52.105.193.146	iamdushyant@dushyantdev.onmicros...	Accessed file	Patient CC info.docx	AuditSearchResultDetail_FileAccessed
Aug 30, 2020 6:44 PM	103.77.1.235	iamdushyant@dushyantdev.onmicros...	Accessed file	Patient CC info.docx	AuditSearchResultDetail_FileAccessed

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Demo

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Licensing

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<https://opdhsblobprod04.blob.core.windows.net/contents/e0993bf6e82e4fa8ac18b48839521869/6dc28a49cbb1381d956b94cd312028d9?sv=2018-03-28&sr=b&si=ReadPolicy&sig=drB3o8hYgj%2FuSXFQ%2F9COqCvRmSVLBbBUVFUutdjvonI%3D&st=2020-09-12T06%3A37%3A22Z&se=2020-09-13T06%3A47%3A22Z>

Reference:

<https://docs.microsoft.com/en-us/office365/servicedescriptions/microsoft-365-service-descriptions/microsoft-365-tenantlevel-services-licensing-guidance/microsoft-365-security-compliance-licensing-guidance>

Demo

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APIs for Data Governance

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The URL for the API endpoint that you use is based on the type of Microsoft 365 or Office 365 subscription plan for your organization.

API in PowerShell

- <https://docs.microsoft.com/en-us/microsoft-365/compliance/bulk-create-publish-labels-using-powershell?view=o365-worldwide>

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Graph APIs

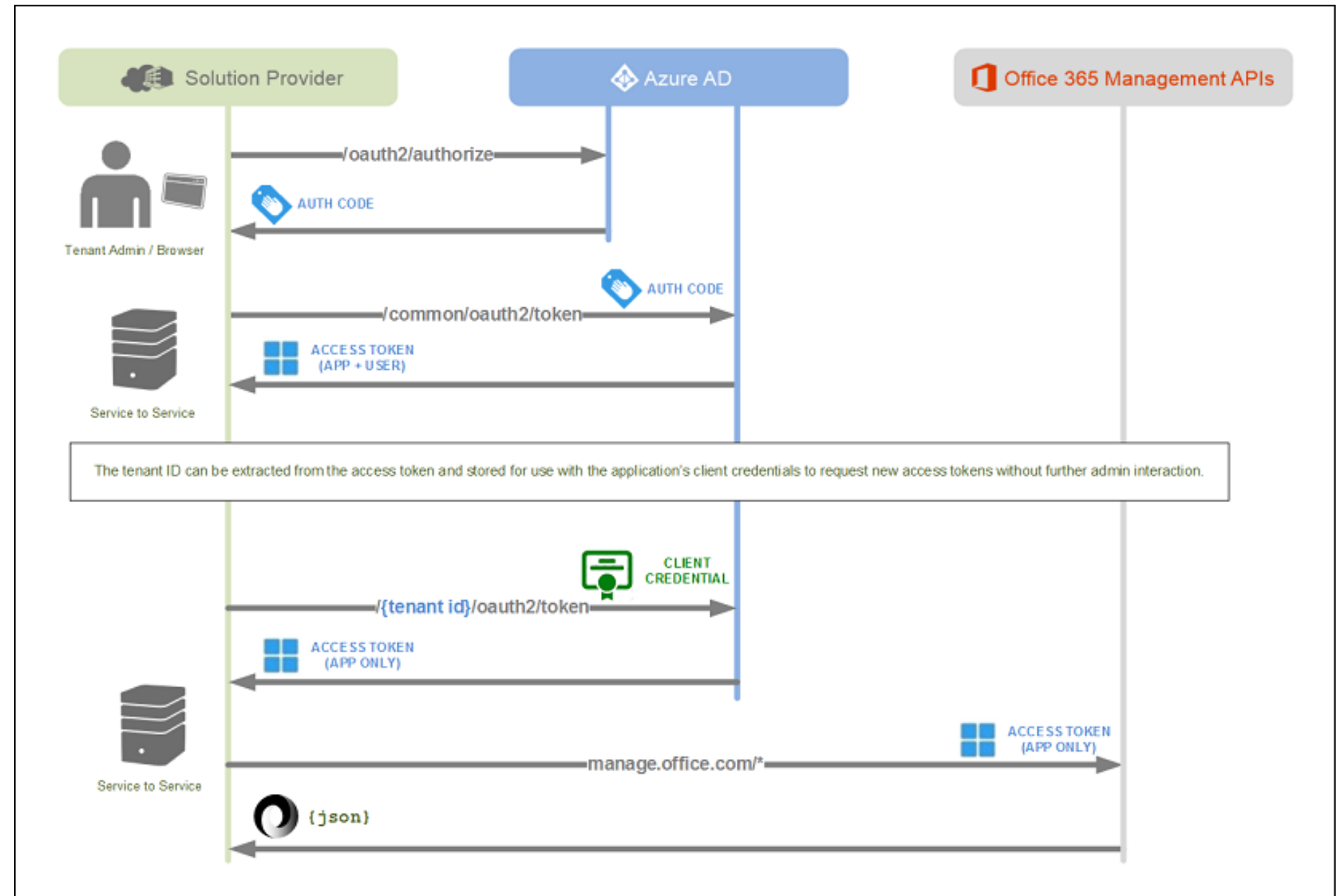
- **List all eDiscovery Cases**
 - <https://graph.microsoft.com/beta/compliance/ediscovery/cases>
- **Create eDiscovery Case**
 - POST <https://graph.microsoft.com/beta/compliance/ediscovery/cases>
 - Content-type: application/json { "displayName": "My Case 1", }
- **Get eDiscovery Case**
 - <https://graph.microsoft.com/beta/compliance/ediscovery/cases/{caseId}>

APIs - Authentication

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Get started with Office 365 Management APIs

- Register your application in Azure AD.
- Get Office 365 tenant admin consent.
- Request access tokens from Azure AD.
- Call the Office 365 Management APIs.



API Demo

Graph explorer

<https://developer.microsoft.com/en-us/graph/graph-explorer>

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References

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<https://docs.microsoft.com/en-us/microsoft-365/compliance/retention?view=o365-worldwide>

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<https://docs.microsoft.com/en-us/office/office-365-management-api/get-started-with-office-365-management-apis>

Questions?

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