

DynaTech | Systems

What Sets Us Apart

DynaTech's Competitive Advantage

Backed by years of expertise and a team of skilled professionals, DynaTech Systems stands at the forefront of the IT services industry. Our extensive portfolio includes cutting-edge solutions in cloud, ERP and CRM implementation, data analytics, artificial intelligence, and more.

We prioritize long-term partnerships built on collaboration and trust, delivering innovative, scalable, and secure solutions to keep our clients ahead in a rapidly evolving landscape.

















420+
Expert Minds





AI - Led Microsoft Cloud Capabilities



Microsoft Cloud & Low Code



Azure Infra



Azure

Services

Event Grid

Functions







Apps

Synapse **Analytics**







Service

Bus

Load

Testing

Power

Automate



Data Factory



Power Apps



Builder



Power

Pages

Azure FHIR



Agentic Al Business **Applications**



Customer

Service

Commerce

Sales



Finance

Field

Service



SCM



Project **Operations**





Customer Insights & Marketing





Data & Al



Fabric



Copilot







Data



OneLake Warehouse





Data

Factory



Power





Data Science



Real-Time Intelligence



Data

Engineering

Data

Lake

Dataverse









Microsoft **Purview**

Databases

Azure Al Foundry



Copilot

Studio



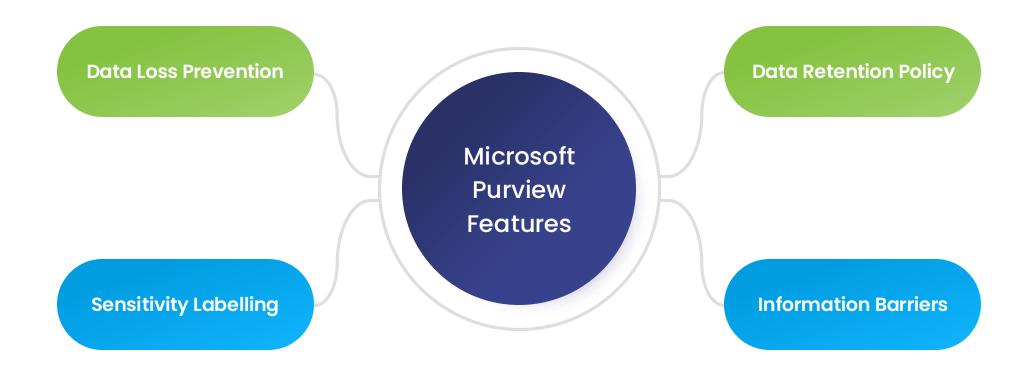
Microsoft Purview Features



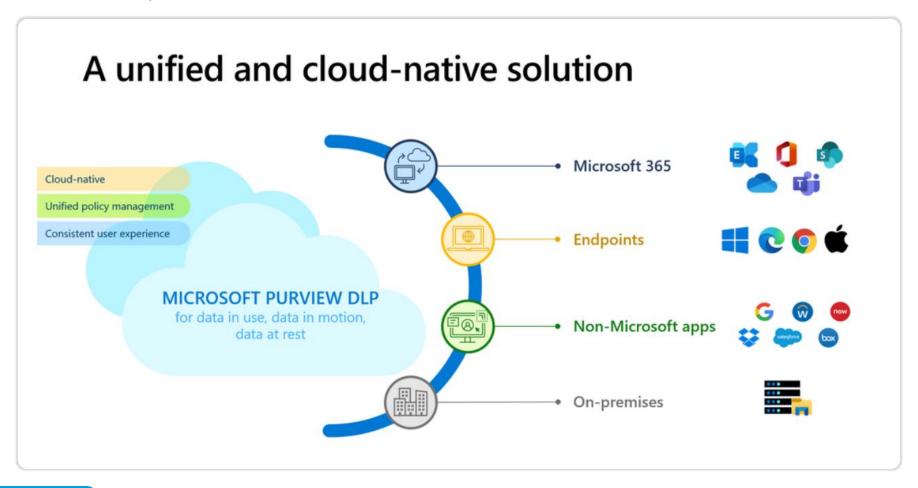
Microsoft Purview is a comprehensive set of solutions that can help your organization govern, protect, and manage data, wherever it lives. Microsoft Purview solutions provide integrated coverage and help address the fragmentation of data across organizations, the lack of visibility that hampers data protection and governance, and the blurring of traditional IT management roles.

- > Gain visibility into data across your organization
- Safeguard and manage sensitive data across its lifecycle,
 wherever it lives
- > Govern data seamlessly in new, comprehensive ways
- Manage critical data risks and regulatory requirements





Microsoft Purview DLP is a unified, cloud-native solution for safeguarding data across Microsoft 365 endpoints, non-Microsoft apps, and on-premises environments. It offers unified policy management and a consistent user experience, protecting data in use, motion, and at rest. The solution covers popular platforms like Windows, macOS, Google Workspace, and Salesforce, ensuring comprehensive data protection across different environments.



Microsoft Purview DLP uses Insider Risk Management to detect and assign risk levels (elevated, moderate, and minor) to users based on behavior. It features context-aware detection with machine learning, dynamic controls that enforce tailored DLP policies depending on user risk level, and automated mitigation to reduce admin overhead while maintaining productivity. Policies dynamically apply preventative controls, such as blocking actions or offering policy tips based on the user's risk profile.



Sensitive Information Identification

- > Detect and classify sensitive data (e.g., credit card numbers, SSNs, health records).
- > Create and use custom sensitive information types specific to your organization.

awareness.

Policy Enforcement

> Provide users with policy tips and notifications for education and

> Block, restrict, or monitor data sharing based on DLP policies.

> Enable users to override policies with justification if allowed.

Data Protection Across Environments

- > Apply DLP policies to protect data in Exchange Online, SharePoint Online, OneDrive for Business, Microsoft Fabric and Microsoft Teams.
- > Prevent and notify unauthorized sharing or transmission of sensitive data.

Automatic Remediation Actions

- > Automatically block or encrypt sensitive information.
- > Notify administrators and users of policy violations.
- > Trigger alerts for suspicious activities.

Compliance and Regulatory Adherence

- > Ensure compliance with regulations like GDPR, HIPAA, etc.
- > Use pre-configured templates for industry-specific compliance requirements.

Monitoring and Reporting

- > Track and monitor data usage and policy violations.
- > Generate detailed audit logs and compliance reports.
- > Use dashboards for a quick overview of policy effectiveness and incidents.



Integration with Other Microsoft Solutions

- Leverage Microsoft Information Protection (MIP) for labelling and encryption.
- > Extend DLP capabilities to third-party cloud apps via Microsoft Cloud App Security (MCAS).

Adaptive DLP Policies

- Apply DLP policies dynamically based on user, location, device, and other attributes.
- Customize policies for specific user groups, data locations, and scenarios.

Collaboration Control

- Manage and protect sensitive data shared via Microsoft Teams and SharePoint.
- Apply DLP policies to collaboration activities, such as file sharing and messaging.

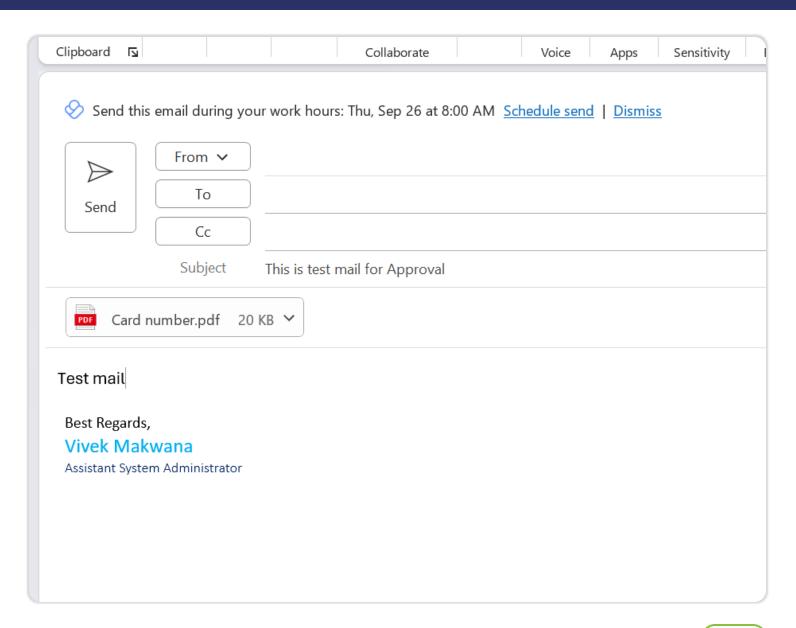
Governance and Lifecycle Management

- > Integrate DLP with data governance for secure data handling throughout its lifecycle.
- > Manage data retention and deletion based on compliance policies.

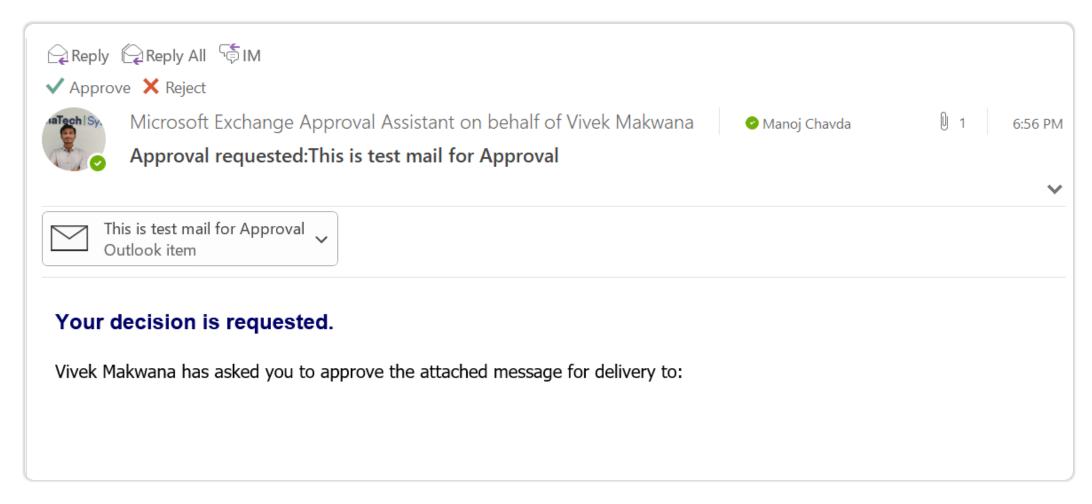


We have configured the policy as below:

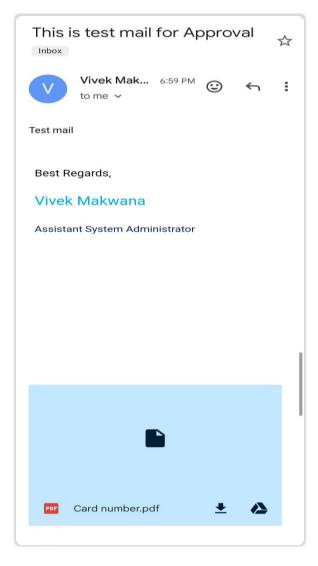
- > We have mentioned the File extension
- > If any file is sent outside the organization via email, a notification will be sent to the approval authority for review and approval.
- > Once approved then mail has been sent



Approval mail has been delivered to approval authority.



After Approval mail has been sent to specified recipient.

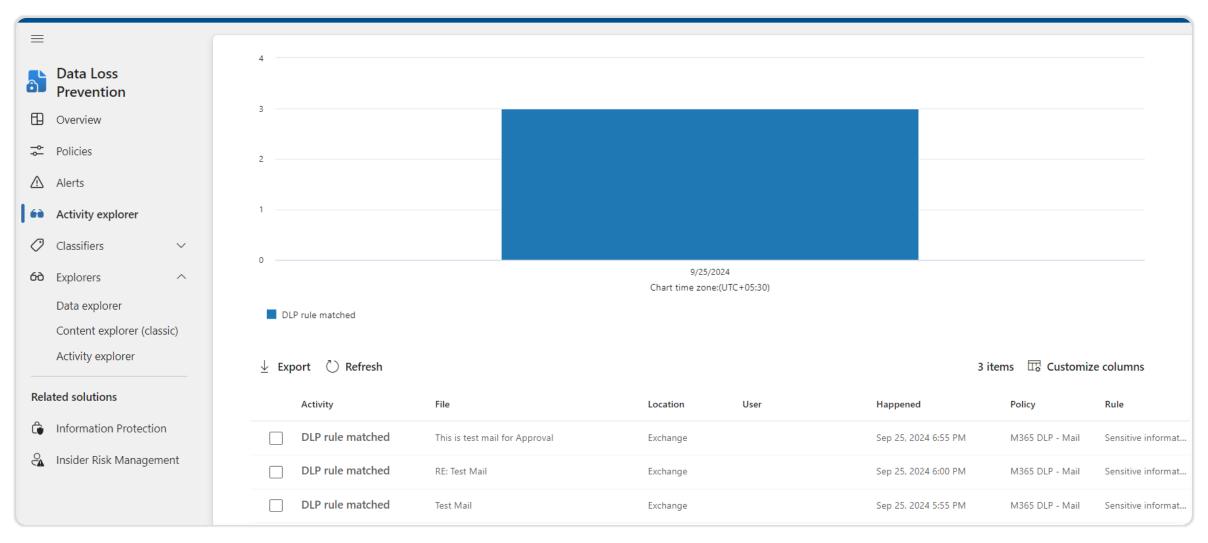


Also, sender getting the response after approval.





Alert Logs.



Alert Logs.

DLP rule matched

9889a85d-50b6-456b-bbde-4937d032ac84

About this item

File

This is test mail for Approval

View Source

User

File size Policy

M365 DLP - Mail 78.39 KB

Rule Policy mode

Sensitive information Enable

Rule actions Email subject

NotifyUser, ExModerate This is test mail for Approval

Email sender

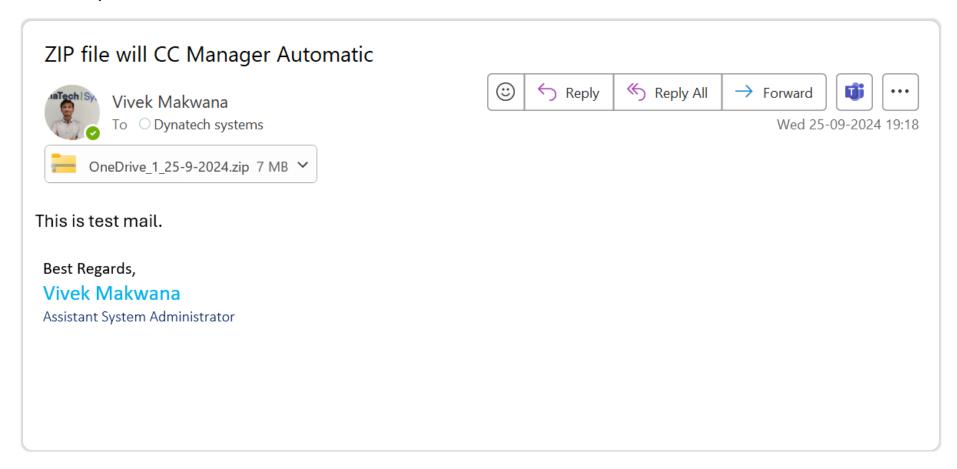
Email recipient



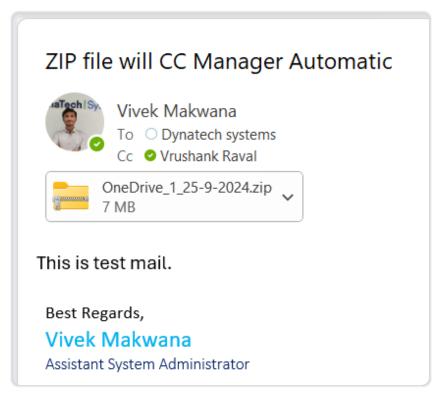
In this policy we have mention below criteria:

- > File extension is .Zip
- > If a user sends an email outside the organization with the specified file extension, the conditions will be met, and their manager will be automatically added to the CC.

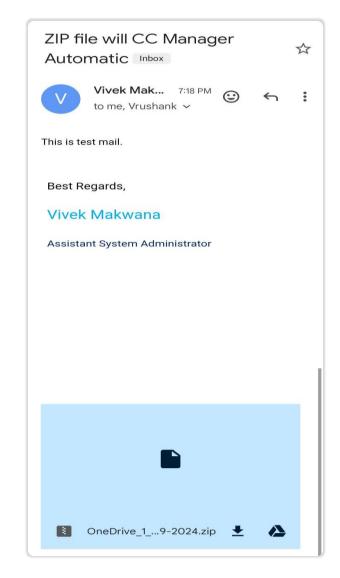
Sender



Manager will receive the mail automatically.

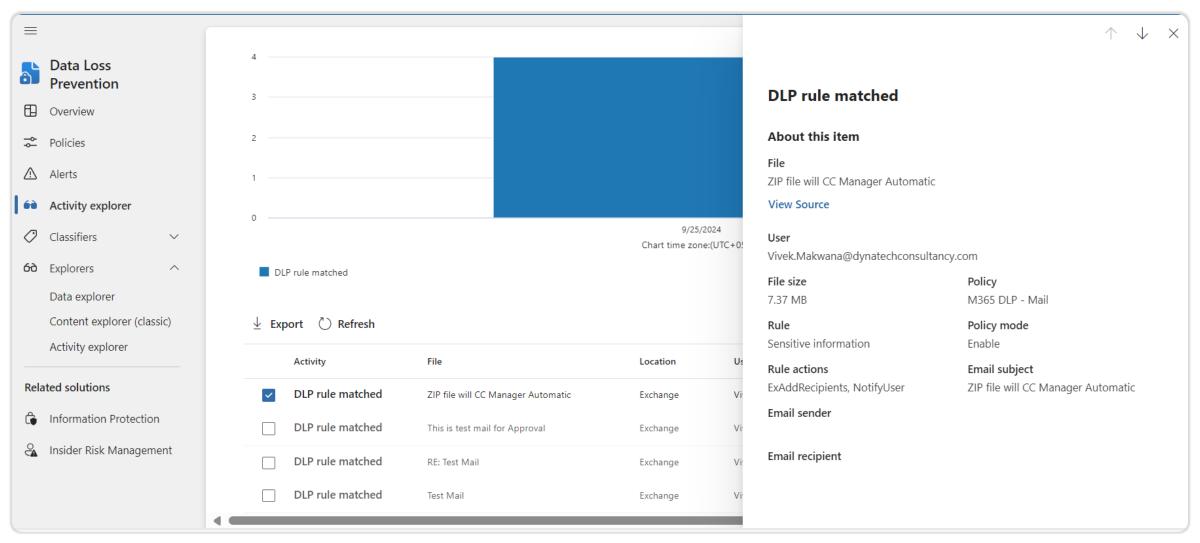


Recipient Mail

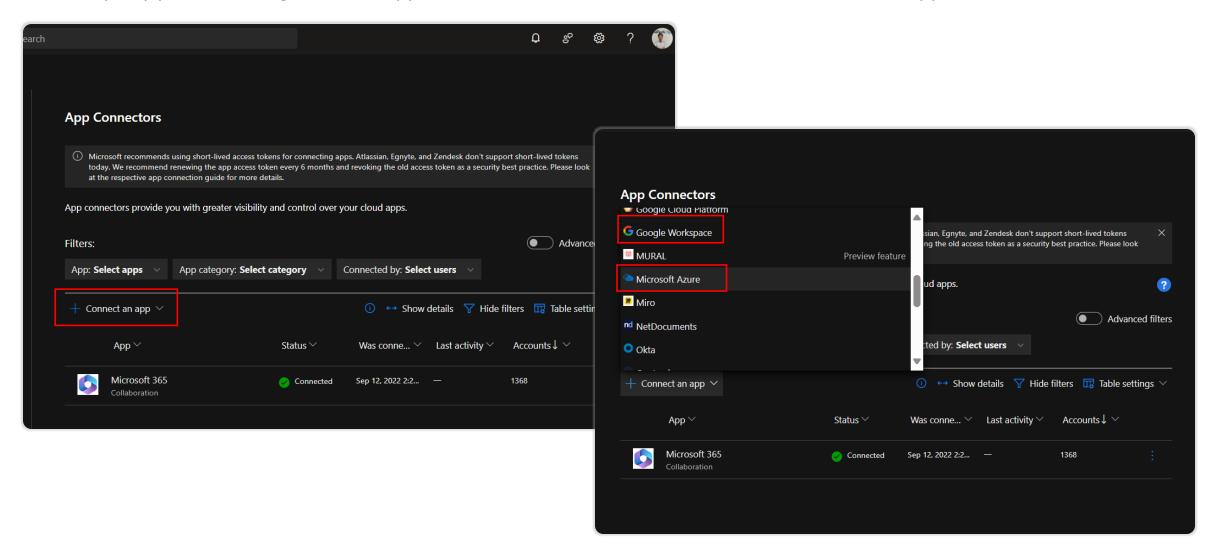




Alert and Log.

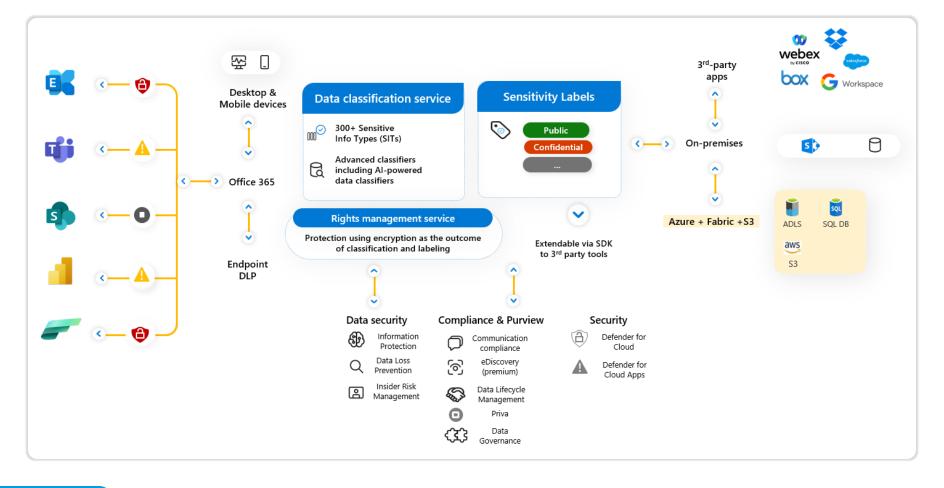


For third party platform integration the app must be connected to Microsoft Defender for Cloud Apps.



What is Sensitivity Labelling?

Sensitivity Labeling in Microsoft Purview is a critical feature that allows organizations to classify and protect sensitive information across their Microsoft 365 environment. Sensitivity labels help identify, categorize, and protect data based on its level of sensitivity, and apply policies to safeguard it accordingly.



Data Classification and Sensitivity Labelling

- > Classify and tag data based on sensitivity levels (e.g., Public, Confidential, Highly Confidential).
- > Apply sensitivity labels manually or automatically to documents, emails, and other content.
- > Create and use custom labels tailored to organizational needs.
- > Automatically apply labels based on content, such as keywords or sensitive information types.

Policy Enforcement and Compliance

- > Enforce data handling policies based on labels (e.g., block sharing, require encryption).
- > Support compliance with regulations like GDPR, HIPAA, and others through proper data labelling.
- > Generate audit logs and compliance reports to monitor label application and data handling.

Data Protection and Encryption

- > Encrypt labelled documents and emails to secure them from unauthorized access.
- > Apply rights management controls, such as restricting who can view, edit, or share labelled content.
- > Add visual markings like watermarks, headers, and footers to indicate sensitivity levels.

Integration with Other Microsoft Solutions

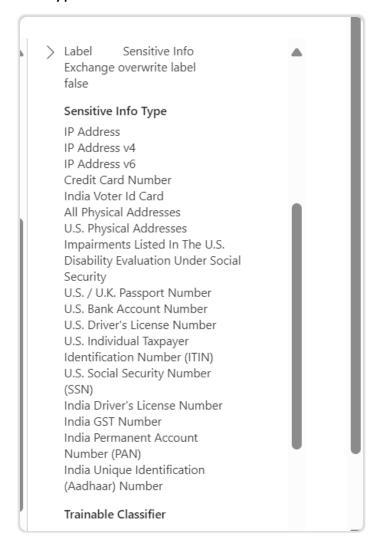
- > Use sensitivity labels across Microsoft 365 apps (Word, Excel, Outlook, PowerPoint).
- > Integrate with Data Loss Prevention (DLP) and Azure Information Protection (AIP) for enhanced data protection.
- > Extend labelling to third-party environments via connectors and integrations.

User Awareness and Education

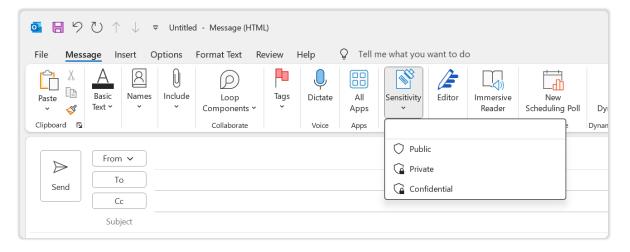
- > Provide label recommendations based on content analysis.
- > Display tooltips and descriptions to educate users on label usage and impact.

> Enable users to manually label content when needed.

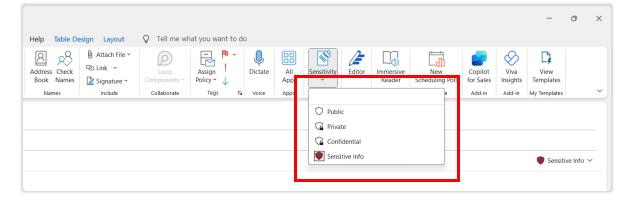
We have created the Policy as an Auto labelling and Sensitive information type is as below:



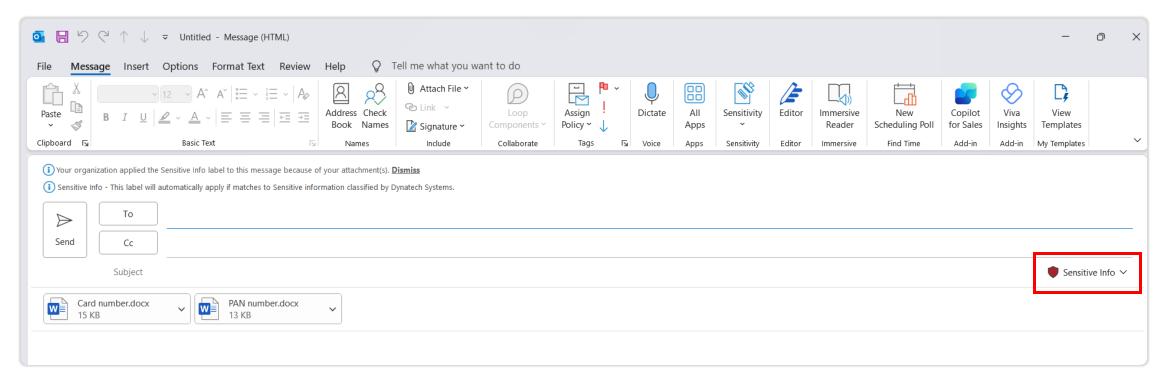
Before Auto labelling policy turn on the labels are as below mentioned screen shot:



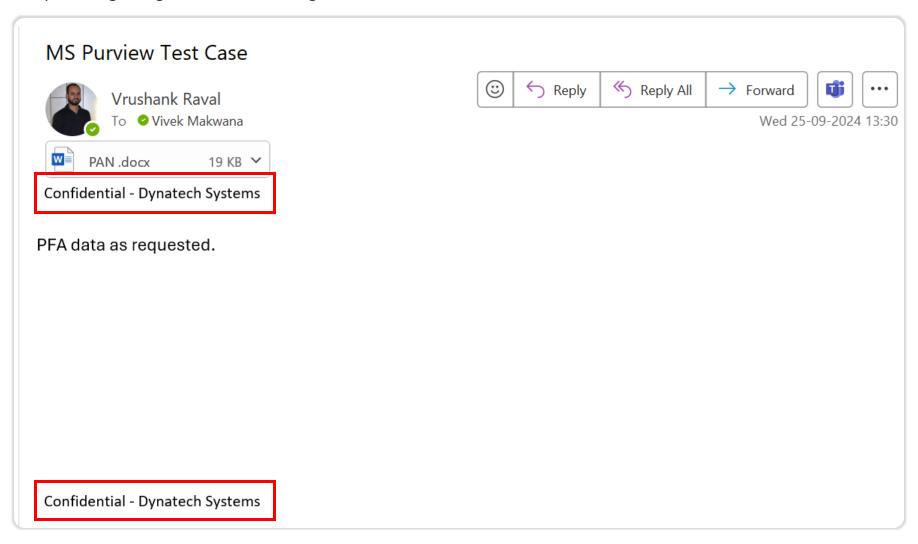
After the reflecting the policy the new label which is Sensitive Info are added in the label list.



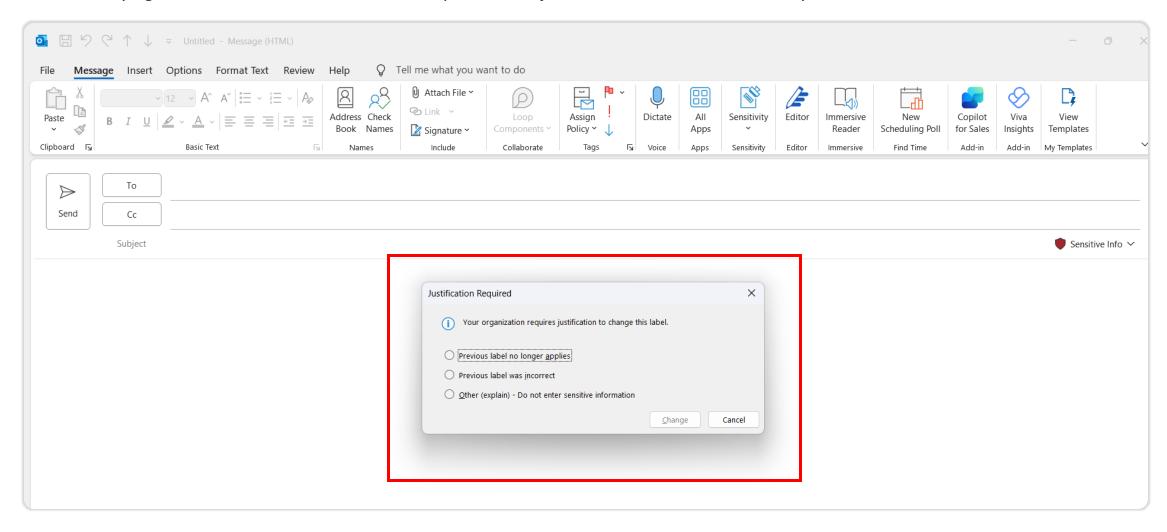
When the content of the files is matched the sensitivity information type then label is automatically taken.



 Receiver side the recipient is getting mail with labelling.



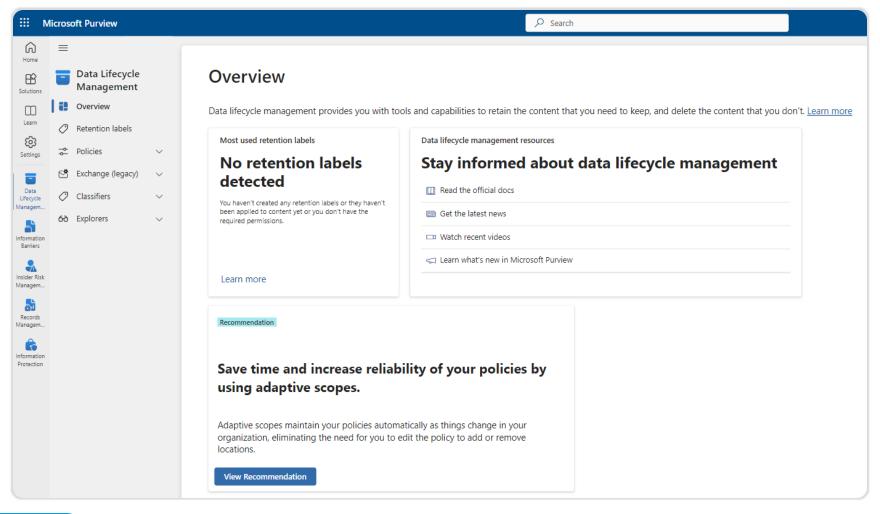
If end user is trying to remove the label, then needs to provide the justification, Based on the label you can control the access as well.





What is the Retention Policy?

A retention policy in Microsoft Purview helps manage the lifecycle of your data by specifying whether to retain content, delete content, or retain and then delete content after a certain period.



Data Retention and Deletion

- > Automatically retain data for a specified period, ensuring it is preserved for legal, regulatory, or business requirements.
- > Automatically delete data after a specified period to reduce storage costs and minimize risk exposure.
- > Apply "retain and delete" actions, keeping data for a specific duration and then deleting it after.

Centralized Management

- > Manage retention policies for various content types (emails, documents, chats, etc.) across Microsoft 365 from a central location.
- > Apply policies to different locations such as Exchange Online mailboxes, SharePoint sites, OneDrive accounts, and Microsoft Teams.

Compliance and Regulatory Adherence

- > Ensure compliance with regulations and organizational policies that mandate data retention (e.g., GDPR, HIPAA, financial regulations).
- > Meet legal hold requirements by preserving data indefinitely until the hold is removed.
- > Simplify regulatory audits and eDiscovery processes with consistent data retention and deletion practices.

Granular Policy Control

- > Apply retention policies based on different criteria, such as specific keywords, content types, labels, or user groups.
- > Create custom retention labels for specific business requirements and apply them to content manually or automatically.
- > Exclude specific content or locations from retention policies as needed.

Retention Across Multiple Environments

- > Apply retention policies across cloud and on-premises environments using Microsoft 365 compliance features.
- > Ensure consistent data retention and deletion policies across various data sources, including SharePoint, OneDrive, and Teams.

Data Lifecycle Management

- > Automate data lifecycle management by transitioning content based on its age, location, or other attributes.
- > Retain important content for organizational knowledge management while ensuring outdated information is deleted.
- > Support defensible deletion practices, reducing the risk of keeping unnecessary data.

Minimizing Risk and Reducing Storage Costs

- > Reduce the risk of keeping data longer than necessary by enforcing automatic deletion of outdated information.
- > Save on storage costs by systematically deleting data that is no longer needed.

Preservation of Business Records

- > Preserve business-critical records and documents for specified durations, ensuring their availability for audits and compliance checks.
- > Prevent unauthorized edits or deletions of important records during their retention period.

Integration with eDiscovery and Litigation Hold

- > Integrate with eDiscovery to facilitate data searches and exports for legal and compliance investigations.
- > Apply legal holds to content, preventing deletion during legal proceedings or investigations, overriding standard retention settings.

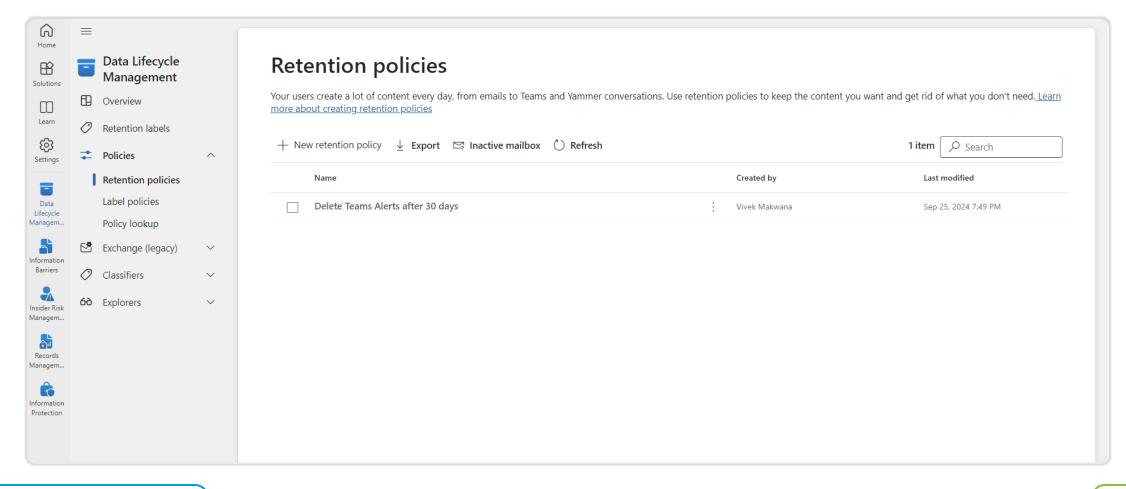


Step 1: Access the Microsoft Purview Compliance Portal

- 1. Log in to Microsoft 365 with admin credentials.
- 2. From the admin center, open the Microsoft Purview Compliance portal.

Step 2: Navigate to Data Lifecycle management

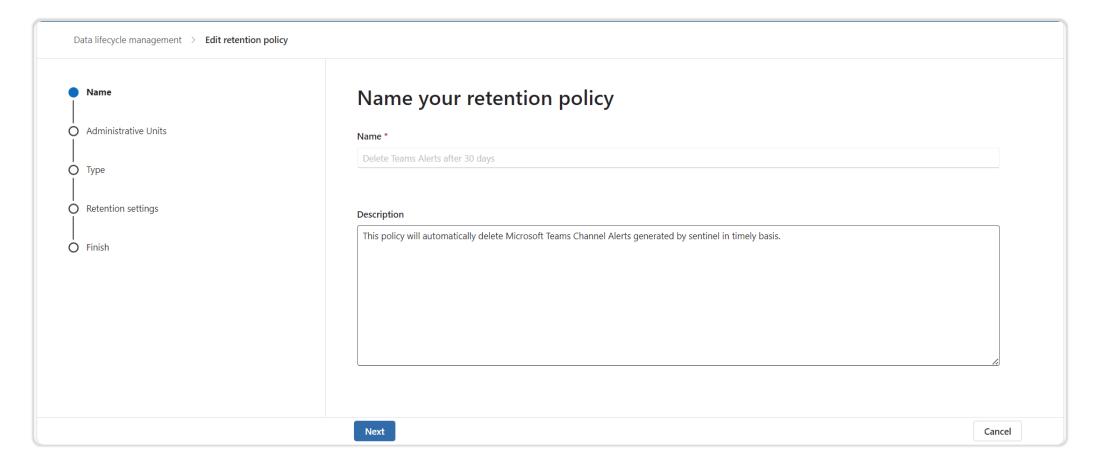
1. Select Retention Policy.





Step 3: Create a New Retention Policy

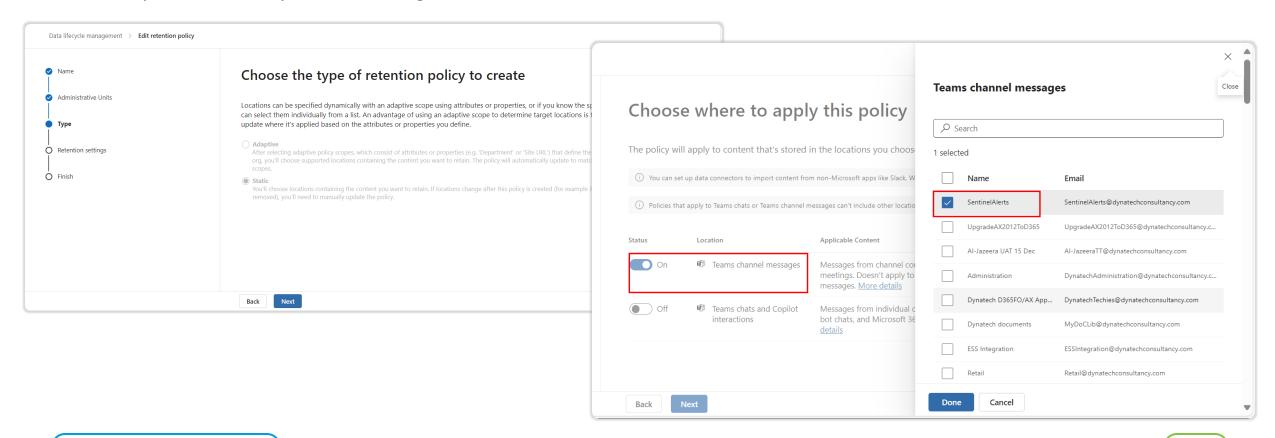
- 1. Select + New retention policy to create a new policy.
- 2. Name your policy, e.g., "Teams Channel Deletion After 30 Days."
- 3. Add an optional description for clarity.





Step 4: Apply Policy to Teams Locations

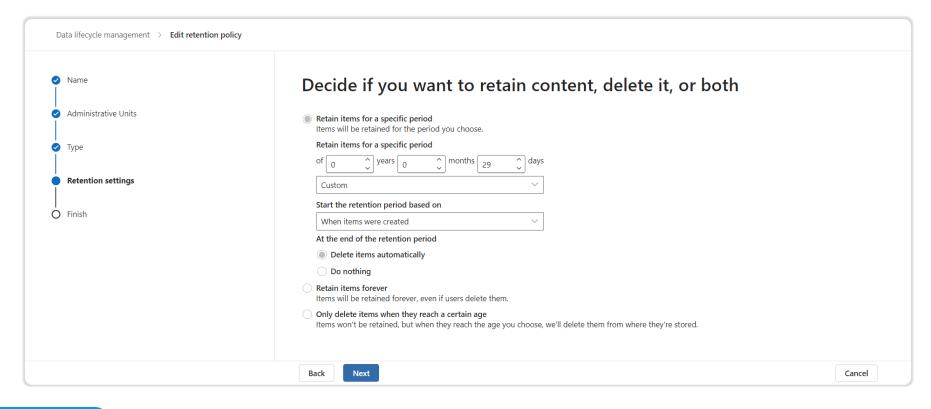
- 1. You will now choose where the retention policy will apply. Select Teams channel messages.
 - Make sure you don't select Teams chats if you only want the policy to apply to channel messages.
- 2. You can choose to apply the policy to:
 - All Teams in the organization, or
 - Specific Teams if you need more granular control.





Step 5: Define Policy Settings

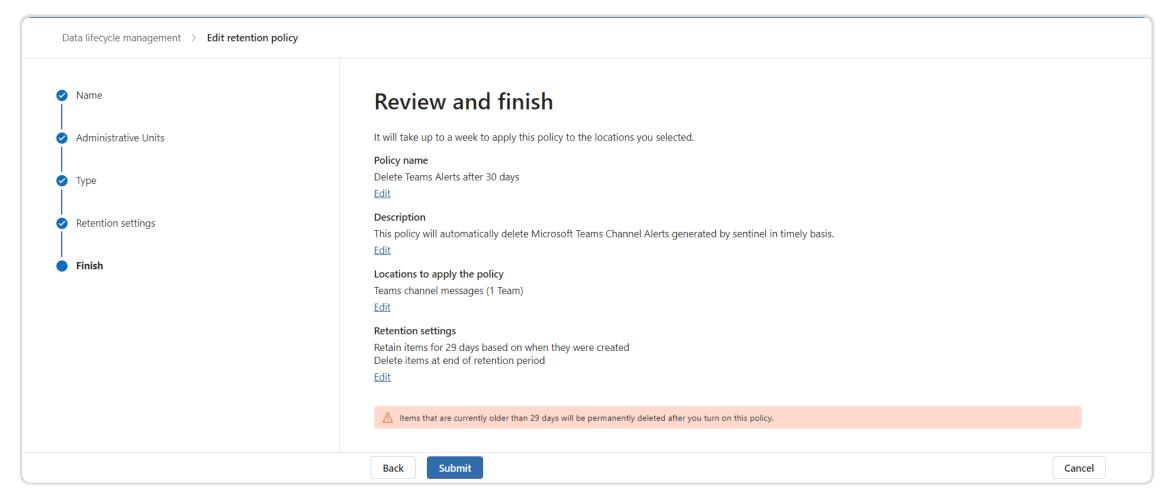
- 1. In the next step, you'll configure policy settings:
 - Choose "Retain item for specific period".
 - Select the option "Delete items after a specific period".
 - Set the duration to 30 days.
- 2. In the section "When should we start the retention period?", select "When items were created" to start the 30-day countdown from the creation date of the message or item.





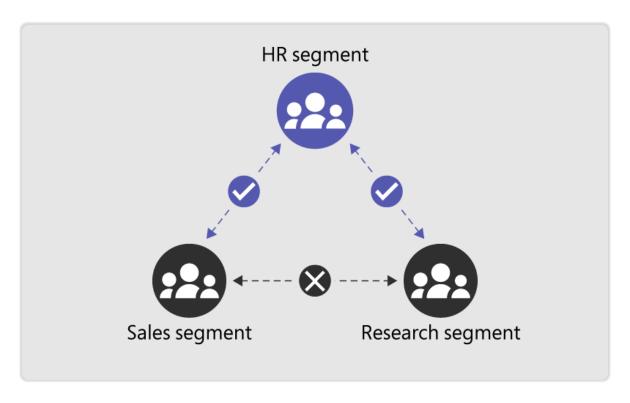
Step 6: Review and Save the Policy.

- 1. Review your settings, making sure the retention period is set to 30 days and applies to Teams channel messages.
- 2. Once confirmed, select Submit to save the policy.



Information Barriers in Microsoft Purview are compliance features designed to prevent unauthorized communication and collaboration between specific groups or individuals within an organization. They help organizations enforce policies that restrict communication to avoid conflicts of interest, protect sensitive information, and comply with regulatory requirements.

The following example illustrates three segments in an organization: HR, Sales, and Research. An information barrier policy has been defined that blocks communication and collaboration between the Sales and Research segments. These segments are incompatible.



With SharePoint information barriers, a SharePoint Administrator or Global Administrator can associate segments to a site to prevent the site from being shared with or accessed by users outside the segments.

Up to 100 compatible segments can be associated with a site. The segments are associated at the site level (previously called site collection level).

The Microsoft 365 group connected to the site is also associated with the site's segment.

Prevent Unwanted Communication and Collaboration

- Restrict communication and collaboration between specific groups or individuals within the organization to prevent conflicts of interest.
- Block certain users or groups from communicating through Microsoft Teams, SharePoint, OneDrive, and other Microsoft 365 services.

Conflict of Interest Management

- Manage conflicts of interest by preventing specific groups (e.g., investment banking and retail banking teams) from interacting with each other.
- > Enforce ethical walls within the organization to avoid situations where information should not flow between different teams or departments.

Regulatory Compliance

- > Ensure compliance with industry regulations like the Financial Industry Regulatory Authority (FINRA), SEC regulations, and GDPR.
- > Enforce legal and regulatory requirements by separating teams, departments, or business units that should not communicate or collaborate.

Flexible Policy Management

- Create and manage custom policies to define who can communicate and collaborate with whom based on user attributes like department, location, or role.
- > Use a combination of allow and deny policies to set up complex information barriers that suit specific business needs.

Safeguard Sensitive Information

- Prevent unauthorized access and sharing of sensitive or confidential information between restricted groups.
- > Protect intellectual property, trade secrets, and other sensitive information by restricting who can access, view, or share content.

Controlled Access to Resources

- Restrict access to specific SharePoint sites, OneDrive accounts, or Teams based on information barrier policies.
- > Prevent users in restricted groups from searching for or discovering other users, files, or sites they are not allowed to access.

Integration with Compliance and Security Solutions

- Use information barriers in conjunction with Microsoft Compliance Centre tools like Data Loss Prevention (DLP), Insider Risk Management, and eDiscovery.
- > Ensure information protection and compliance across all layers of data security and management.

User Search and Discovery Restrictions

- Block users in restricted segments from finding each other in directory searches or viewing each other's presence status.
- > Prevent users from adding members of restricted groups to Teams, meetings, or chat conversations.

Enhanced Privacy and Security

- > Protect sensitive projects or initiatives by isolating specific teams and restricting their interactions with other parts of the organization.
- > Reduce the risk of accidental data leaks or unauthorized disclosures by limiting communication paths.

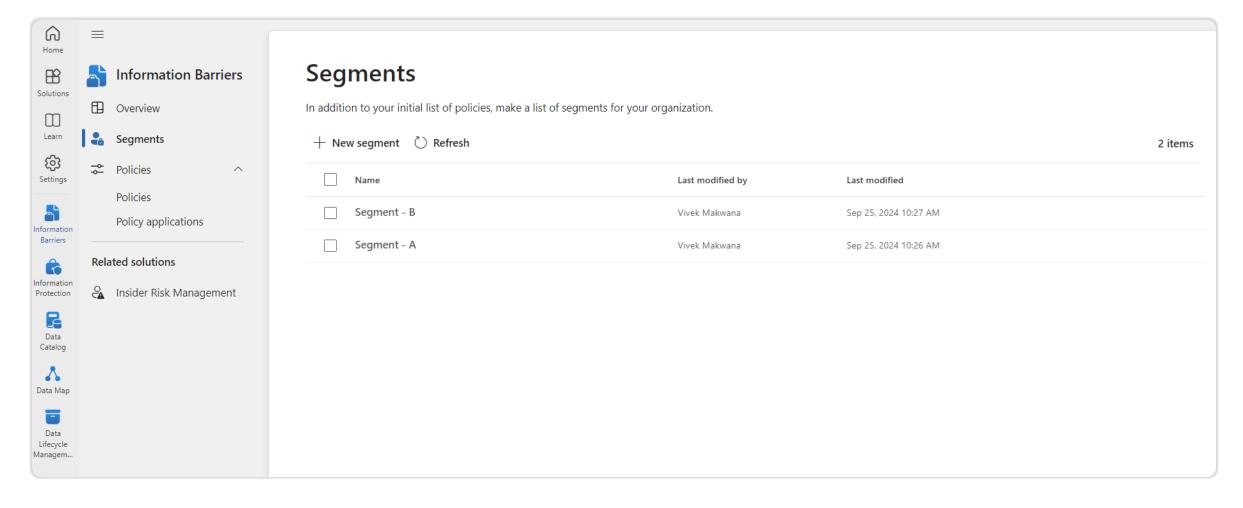
Monitoring and Compliance Reporting

- Monitor information barrier policy violations and generate alerts for attempted or successful violations.
- Generate reports and logs to demonstrate compliance with information barrier requirements during audits or reviews.



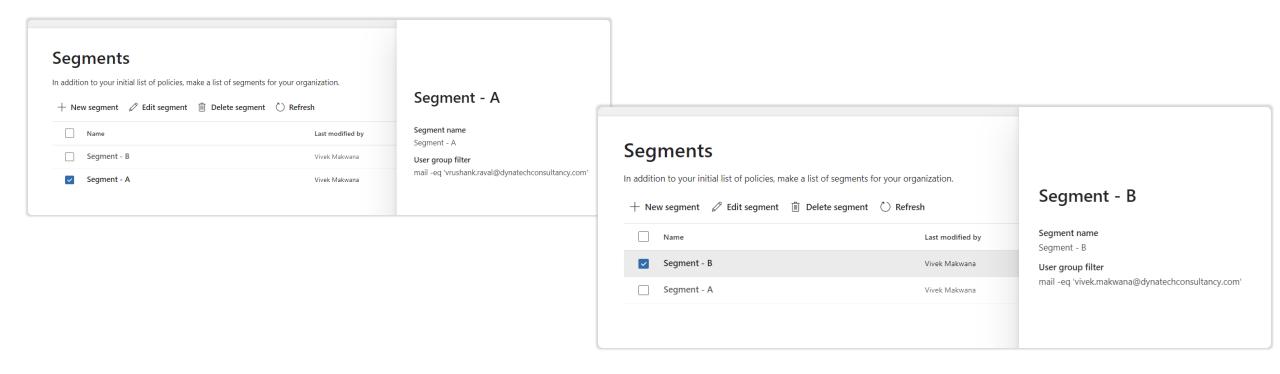
Access Microsoft Purview Compliance Portal

- 1. Go to Microsoft 365 Compliance Center at: https://compliance.microsoft.com.
- 2. From the left-hand navigation pane, click on Information Barriers.



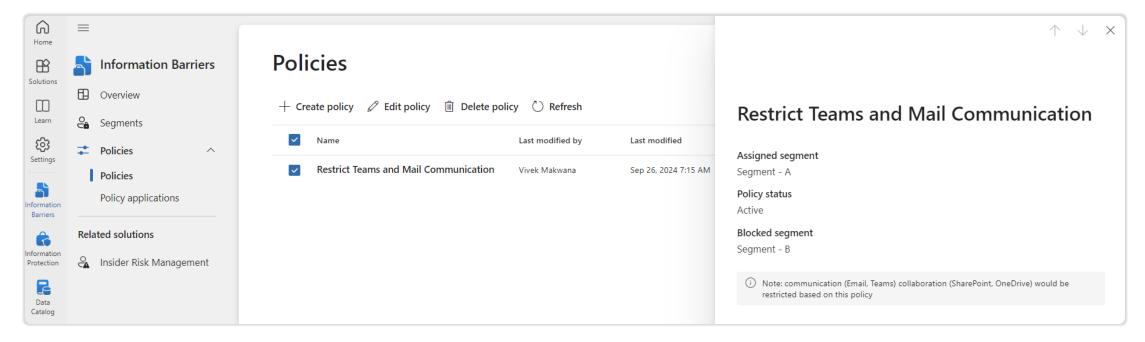
Set Up Segments

- 1. Segments are used to define user groups within the organization that can communicate or must be isolated from others.
- 2. Navigate to Information Barriers → Segments.
- 3. Click Create a segment.
- 4. Define the segment by adding a name and specifying the criteria (based on Azure Active Directory attributes, like Department, JobTitle, etc.).
 - Example: Segment Name: Finance with criteria Department = Finance.



Create Policies

- 1. After creating segments, you need to define policies that specify how these segments can interact.
- 2. Go to Information Barriers → Policies.
- 3. Click Create a policy.
- 4. Provide a Name and Description for the policy.
- 5. Choose the Segment that the policy applies to (e.g., Finance, Legal, etc.).
- 6. Set Allow or Block rules to control how communication and collaboration between the selected segment and other segments should behave.
 - Example: Block communication between the Finance segment and Marketing segment.



Define Communication Restrictions

- 1. Choose the users or groups who are restricted from communicating with each other.
- 2. You can block communication across services like Microsoft Teams, SharePoint, OneDrive, and Exchange Online.
- 3. Set the rule to Block or Allow communication between specific segments.

Review and Submit

- 1. Once you have set the policies and restrictions, review your settings.
- 2. Click Submit to create the policy.

Policy Activation

- 1. The policy you created will not be active immediately. You need to activate it.
- 2. To activate, select the policy in the Information Barriers \rightarrow Policies section and click Activate.
- 3. Activation can take some time depending on the size of the organization and the complexity of the policy.

User Access and Role Management

> Role granularity: While Purview has role-based access controls (RBAC), fine-grained permission management might be limited for some enterprise-scale scenarios.

Cross-Platform Support

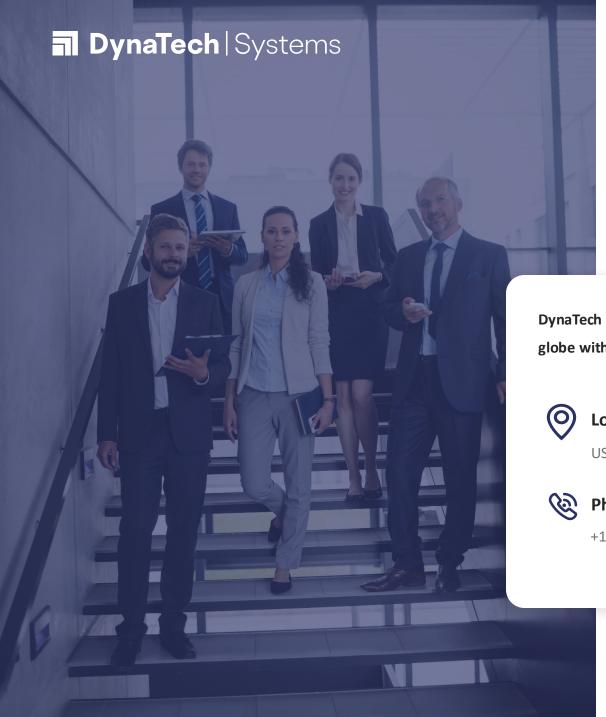
> Multi-cloud complexity: Though it integrates with Azure, AWS, and other cloud platforms, managing governance across multi-cloud environments can introduce additional complexity and may require custom configurations.

Integration Limitations

> Limited support for certain data sources: While MS Purview integrates with many data sources (on-premises, cloud-based, and SaaS applications), there are some proprietary or lesser-used data sources that may not be supported directly.

Data Retention and Archiving

> Retention policies: While Purview provides capabilities to manage retention, it may not fully meet all enterprise needs around longterm archival and retrieval in certain jurisdictions.



Want to know more?

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