



Microsoft Purview Data Governance Roadmap

Update

There are new updated dates for the roadmap for delivery items. Purview Data Governance is aligning with the Microsoft Security wide semester planning process. Updated planning is underway and the roadmap for February through June of calendar year 2025 will be available by the end of January 2025.

Latest update: December 12th, 2024

Overview Page

| Value | Capability | Impact | Est. Release | Update | Release Type |
|--|--|---|-----------------------------------|--------------------|----------------|
| AI assisted and customizable content to assist all users of the Data Catalog app navigate the data governance journey | Learn data governance practice and solution with Microsoft Security Copilot | Through chat-like user interaction, data stewards can get guidance from Copilot to set up logical data estate and related business concepts in a way that aligns to the data governance best practices. Data consumers can learn about how to search and find data products to meet their business needs. | Q4 2024 <i>Good Confidence</i> | Shipped | Public Preview |
| Customizable overview page by linking to organization specific content | Get started on data governance solution by curating a custom Overview page | Customizable overview page where admin users can link to their organization specific content to help navigate their data governance journey | Q1 2025 <i>Directional</i> | <i>In planning</i> | GA |
| Contextual-aware experience to help all users build on their crucial tasks | Contextual-aware in product nurturing to guide user's data governance practice | Provide all users guidance on data governance best practices based on organization's data governance journey. | Q2 2025 <i>Directional</i> | <i>In planning</i> | Public Preview |

Admin Experiences

| Value | Capability | Impact | Est. Release | Update | Release Type |
|---|-------------------------------|--|-----------------------------------|--------------------|----------------|
| DG Admin experiences to enable CDO office manage the settings federated data governance practice | Data Governance SKU Selection | Select data management SKUs for Data management, see SKU change history | Q4 2024 <i>High Confidence</i> | <i>In planning</i> | GA |
| | Consumption Reporting Details | Visibility into the detailed consumption breakdown after meters are set up | | <i>In planning</i> | GA |
| DG Admin experience to customize Catalog specific settings for the organization | Data Catalog Themes | Customize data catalog app themes | Q1 2025 <i>Directional</i> | <i>In planning</i> | GA |
| | Data Catalog feature settings | Customize Catalog specific settings for the organization | Q2 2025 <i>Directional</i> | <i>In planning</i> | Public Preview |

In Planning – the roadmap will be available end of January 2025 after cross company semester planning is completed

Data Discovery & Access

| Value | Capability | Impact | Est. Release | Update | Release Type | |
|--|---|---|-----------------------------------|--------------------|--------------------|----------------|
| <ul style="list-style-type: none"> Enhanced Discovery through Business Concepts Enhanced transparency into access status for consumer | Enterprise glossary view for data catalog consumers | Data catalog consumers can view a list of all published glossary terms, critical data elements and OKRs in one single view | Q3 2024 <i>Shipped</i> | No Change | Public Preview | |
| | Track and record asset level access provisioning status to create clarity to approvers and consumers of data product request status | Data product request approver who is also the access provider can record status of access provisioned at data asset grain and provide instructions/comments to data consumer. | | | GA | |
| | Detailed data product request status to data consumer, including asset level access provisioning status | Inform data consumer of request status changes and detailed instructions to access each data asset along with provisioning status. | | | GA | |
| <ul style="list-style-type: none"> Elevated auditing for access management workflows and customizable workflows Improved Unified Portal search experience Easier data product discovery and understanding with Copilot-powered experiences | Audit logging and self-service analytics for data product access requests and statuses | Audit logging capability for data product access requests and access policies in the Purview Audit app and self-service analytics of data product access requests for data stewards . | Q4 2024 <i>Good Confidence</i> | No Change | GA | |
| | Customize workflows using PowerAutomate integrations | Enable use of custom workflows authored in Power Automate for data product access management for data access approvers | | | <i>In planning</i> | Public Preview |
| | Copilot-powered natural language data product search with improved search relevance | Data catalog consumers can use Copilot-powered search with natural language to explain their intention and use cases to find the data product for their business purposes. | | | <i>In planning</i> | Public Preview |
| | Copilot-powered data product understanding to assess fit for purpose | Data consumers can ask Copilot questions about a data product, ask copilot to summarize various attributes of the data product to quickly assess if the data product is a good fit for their business needs. | | | <i>In planning</i> | Public Preview |
| <ul style="list-style-type: none"> Enhanced access management workflows and consumer/subscriber communication for active change management Simpler data discovery with single entry point Easier data discovery with Copilot-powered search | Incremental notifications to asset level access provisioning status if provisioned in phases | Notify data consumer of access provisioning status, including consumer view of detailed request status | Q1 2025 <i>Directional</i> | <i>In planning</i> | Public Preview | |
| | Revoke data product access by privileged users | Revoke data product access by data product owners and corresponding tracking and notification. | | | GA | |
| | Configure in product workflows by configuring additional (privacy and other) reviewers | Allow domain level configuration of privacy and compliance reviewer in addition to or replacement of data consumer providing their privacy and compliance reviewer details | | | GA | |
| | Blended search/browse experience for business concepts | Single entry point for data catalog search and browse experiences for data consumers | | | Public Preview | |
| | Refine data product search results with feedback and additional contexts through Copilot-powered chat-like experience | With the addition of chat-like experience, data consumers can interact with Copilot as a subject matter expert. Copilot will guide users to quickly find the data product for their business needs. | | | Public Preview | |

In Planning – the roadmap will be available end of January 2025 after cross company semester planning is completed

Data Curation

| Value | Capability | Impact | Est. Release | Update | Release Type |
|---|--|---|-----------------------------------|--------------------|----------------|
| <ul style="list-style-type: none"> • Simpler and faster data curation management • Importing business concepts in bulk | Tree-view visualization for business domain and glossary term hierarchies | Both data stewards and catalog consumers can visualize business domain and glossary term hierarchies as a tree-view within the data management and consumption experiences. | Q3 2024 | Shipped | GA |
| | Basic deletes for business concepts | Enable data stewards to delete business concepts that are unpublished and do not have associations with other concepts. | | | GA |
| | Link glossary terms to CDEs | Data stewards can use glossary terms to describe critical data elements, just like they do data products today to aid with their discovery in the data catalog | Q4 2024 | | GA |
| | Bulk import for business concepts (partner led) | Data stewards can use this standalone bulk import capability for all business concepts such as business domains, data products, glossary terms, critical data elements and OKRs | | | GA |
| | Governed assets inventory to review all assets incurring a data governance charge via self-serve analytics | Data curators can review the list of assets that are being governed within Purview | | | Public Preview |
| <ul style="list-style-type: none"> • Improved data curation processes and workflows • Apply standardized user-defined attributes to business concepts | Duplication checks while creating business concepts | Give data stewards the visibility into any duplication that might exist as they go through the various business concept creation experiences | Q4 2024 <i>Good Confidence</i> | <i>In planning</i> | Public Preview |
| | Approval workflows to govern data product and glossary term publishes | Governance domain owners can set up approvers for publishing data products and glossary terms to the catalog, so stewards are prompted to get the required approvals before their changes are published | Q4 2024 <i>Good Confidence</i> | <i>In planning</i> | Public Preview |
| | Custom attributes for basic data types | Admins can centrally define user-defined attributes for basic data types such as text, numeric types, data, and Boolean, and uniformly apply them to business concept types across governance domains | Q4 2024 <i>Good Confidence</i> | <i>In planning</i> | Public Preview |
| <ul style="list-style-type: none"> • Extended support for custom types • Publicly available data catalog APIs | Approval workflows to govern critical data element and OKR publishes | Governance domain owners can set up approvers for publishing CDEs and OKRs to the catalog, so stewards are prompted to get the required approvals before their changes are published | Q1 2025 <i>Directional</i> | <i>In planning</i> | Public Preview |
| | Custom attributes for all data types | Admins can centrally define user-defined attributes for all data types including single and multi-select, and uniformly apply them to business concept types across governance domains | | <i>In planning</i> | Public Preview |
| | Custom governance domain types and data product types | Admins can create custom governance domain types and data product types so they can be used across the organization | | <i>In planning</i> | Public Preview |
| | Publish APIs for programmatic access to business concepts | Enable data stewards to programmatically create, update and delete business concepts via APIs | | <i>In planning</i> | Public Preview |
| <ul style="list-style-type: none"> • Enhance and simplify Data Curation processes for better efficiencies with Copilot | Copilot-powered data product curation and data asset selection | During the data product curation process, Copilot can take user inputs and leverage existing materials to provide default values and recommendations to the data product owner on various attributes of the data product, starting with recommending descriptions and a list of data assets. | | <i>In planning</i> | Public Preview |
| | Copilot-powered glossary term generator for governance domain | Data stewards can use Copilot to automatically generate glossary terms for governance domains | | <i>In planning</i> | Public Preview |

In Planning – the roadmap will be available end of January 2025 after cross company semester planning is completed

Health Management – Data Quality

| Value | Capability | Impact | Est. Release | Update | Release Type |
|--|--|--|-----------------------------------|---------------------------|----------------|
| Multi-cloud and on-premises data sources support to increase data estate coverage and adoption. | Multi-cloud data sources support - both open standard file and table formats. | Native connectors to Databricks, Snowflake, and Google Big Query, including all open standard formats: Delta, Iceberg, and Parquet. This enables customers to take full dependency on Purview to govern their multi-cloud data estates. | Q4 2024 <i>Good Confidence</i> | Q4 2024 <i>Shipped</i> | Public Preview |
| | | Managed vNet support for Synapse native connectors to enable data quality stewards to measure and monitor data quality for synapse data sources in vNet. | Q1 2025 <i>Directional</i> | Q4 2024 <i>Shipped</i> | Public Preview |
| | | Managed vNet support for Azure data bricks, Google BigQuery and Snowflake to enable data quality stewards to measure and monitor data quality for Snowflake, Azure databricks and Google BigQuery data sources in vNet. | Q1 2025 <i>Directional</i> | <i>In planning</i> | Public Preview |
| | Self-hosted Integration Runtime (SHIR) to collect data quality facts and dimensions to compute data quality scores for on-premises data sources. | Increase adoption of Data Quality capability in the FSI and health care industries customers as bulk portion of their data are hosted in on-premises storage. | Q4 2024 <i>Good Confidence</i> | <i>In planning</i> | Public Preview |
| | Simplification of data source concretion configuration. | Enable data quality stewards to configure data source connection without requiring any elevated access to the container and folder level. | Q4 2024 <i>Good Confidence</i> | Q4 2024 <i>Shipped</i> | Public Preview |
| Data Quality scoring to quantify the impact on OKR and business scenarios. | Customizable weight factor to calculate weighted average of data quality score | Users will have the ability to add different weight factors in the rule level to calculate the weighted average of data quality score for data asset and roll up weighted average to data product and business domain level. | Q1 2025 <i>Directional</i> | <i>In planning</i> | Public Preview |
| | Configurable Data Quality threshold | Enable users to set thresholds for DQ rules for data assets, data products, and business domains. Configurable data quality threshold provides the ability to users to customize the health status threshold at Business Domain, Data Product, and Rule level. | Q2 2025 <i>Directional</i> | <i>In planning</i> | Public Preview |
| | Quality score expansion to enable users to see what factors contributed to the score | Users will be able to expand the quality score and its trend to see how each factor contributes to the overall score. This helps users to change the weight factors, rules, and pinpoints areas needing improvement. | Q2 2025 <i>Directional</i> | <i>In planning</i> | Public Preview |
| | Incremental Data Quality scoring | Certain rules like duplicates check requires a full scan of data asset to implement a DQ rule. However, from an efficiency perspective, most other rules would suffice to run incremental scans over the data asset. Previous run of DQ results continued to be maintained and are appended with incremental results each time a scan is selected. | Q2 2025 <i>Directional</i> | <i>In planning</i> | Public Preview |
| | Data validations against reference data | Ability to execute data validations against reference/industry data i.e. postal code, phone, email addresses and other 3P data to improve the quality and usability of data for critical business scenarios. | Q2 2025 <i>Directional</i> | <i>In planning</i> | Public Preview |
| Remediation of Data Quality issues | Anomaly detection and remediation workflow | Continuous monitoring to detect inconsistencies from historical trends and trigger remediation workflow to send notification for ensuring quick and efficient error resolution. Usage feedback to adjust anomaly detection threshold or baseline, max tolerance level to avoid unnecessary notification. | Q2 2025 <i>Directional</i> | <i>In planning</i> | Public Preview |
| | Data Quality error remediation reporting | Publishing DQ error records to customers data lake to identify issues, perform root cause analysis, document remediation activities, and track report on status. This enable customers to improve their data quality continuously. | Q1 2025 <i>Directional</i> | <i>In planning</i> | Public Preview |
| | Data Quality alerts for rule exception | Data Quality alerts will be sent to users email addresses or a group, because of a column-level rule failure that has occurred, and/or when the data quality score did not meet predefined expectations. Users will be able to configure the group and alias where the alert will be sent. This feature enable DQ stewards to manage DQ proactively. | Q4 2024 <i>Good Confidence</i> | <i>In planning</i> | Public Preview |
| | RBAC for Scheduling and Alerting. | Enabling Data Quality Stewards to configure Data Quality alert to manage exception, and scheduling data quality scanning jobs. | Q4 2024 <i>Good Confidence</i> | <i>In planning</i> | Public Preview |
| Data quality rules lifecycle management and reusability in enterprise grade. | Data Quality rule lifecycle management | Tracking data quality rules created, updated, and applied to the columns/data asset and promoting DQ rules from Draft to Test to Production, and enabling audit trail data quality rules lifecycle reporting. | Q1 2025 <i>Directional</i> | <i>In planning</i> | Public Preview |
| | Reusability of data quality rules | This feature enable data quality steward to perform certain checks at almost every data asset and few columns per data asset. Users will be able to reuse the same custom rule to multiple data assets. | Q1 2025 <i>Directional</i> | <i>In planning</i> | Public Preview |
| | Authoring custom rule with SQL and Python | Enable authoring custom rules with SQL and Python, including regular expression language to create complex rules using Phyton and SQL to measure and monitor data integrity related data quality issues of their data estate. | Q4 2024 <i>Good Confidence</i> | <i>In planning</i> | Public Preview |
| | Define and propagate DQ rules from CDEs to mapped data assets. | Enable data quality stewards to configure and measure data quality of Critical Data Elements (CDE). | Q4 2024 <i>Good Confidence</i> | <i>In planning</i> | Public Preview |

In Planning – the roadmap will be available end of January 2025 after cross company semester planning is completed

Health Management – Controls, Actions, Self-serve analytics and Reports

| Value | Capability | Impact | Est. Release | Update | Release Type |
|--|--|--|-----------------------------------|---------------------------|----------------|
| Self-service analytics and insights for data governance metadata to empower data analysts and data stewards to analyze and derive insights from Microsoft Purview Data Governance metadata. | Self-serve insights and analytics with BYOC (Bring Your Own Compute) | Publishing Purview catalog metadata from Purview to OneLake to enable self-serve insights and analytics to all users . Customers will be able to configure the storage location and other information in Purview UX to publish their tenant-specific data in their storage. | Q3 2024 <i>Good Confidence</i> | Q4 2024 <i>Shipped</i> | Public Preview |
| | | Publishing Purview catalog metadata from Purview to AdlsG2 to enable self-serve insights and analytics to all users . | Q4 2024 <i>Good Confidence</i> | Q4 2024 <i>Shipped</i> | Public Preview |
| | Ability to create insights from health actions, CDE (Critical Data Element), OKR (Objectives and Key Results), DQ Actions, DQ Profile custom type and custom attributes from Purview Data Governance metadata in OneLake and AdlsG2. | Publishing additional metadata from Purview to OneLake and AdlsG2 storage to enable self-serve insights and analytics for CDE, OKR, DQ Profile, and Data Management actions metadata | Q2 2025 <i>Directional</i> | January 2025 | Public Preview |
| | Publishing data profiling statistics metadata to OneLake and AdlsG2. | Enable Data Analyst and data stewards to analyze and derive insight from data quality profiling statistics. | Q2 2025 <i>Directional</i> | <i>In planning</i> | Public Preview |
| Enhanced traceability to track access, value and retention of data to improve data estate health | Ability to track data traceability, data value & cost and retention of data. | Enable data estate owners and data stewards to track data access, data usage purpose, data value & cost, data retention, OKR (Objectives and Key Results), and overall data traceability to improve the health of their data estate. | Q2 2025 <i>Directional</i> | <i>In planning</i> | Public Preview |
| | Ability to add custom controls within the control group. | Enable data leaders to create, edit, and publish custom controls to apply and track their data estate health. | Q2 2025 <i>Directional</i> | <i>In planning</i> | Public Preview |
| | Ability to track access and use, estate curation, trustability and observability of data estate. | Enable data estate owners and data stewards to track access Request SLA, zero-trust default access, critical data identification, critical data connection, business alignment, data health observability, and data security and compliance. | Q1 2025 <i>Directional</i> | <i>In planning</i> | Public Preview |
| Custom controls and reports with actions to derive highest impact from health actions | Auto assign and close the actions through automation to improve overall action management process. | Increase Data Stewards productivity through auto assigning the action and close the action automatically through continuous validation of the metadata estate. | Q4 2024 <i>Good Confidence</i> | <i>In planning</i> | Public Preview |
| | Ability to add custom reports to the Data estate health reports list | Enable data owners, stewards and leaders to publish custom PBI reports on the report page to manage all data estate health report in one location. | Q1 2025 <i>Directional</i> | <i>In planning</i> | Public Preview |
| | Integrate Data Estate Health actions with ticketing systems | Integrating with ticketing systems like SNOW will help customers to manage, and close data health-related actions within the SLA, and this helps to maintain the health score of the data estate continuously. | Q1 2025 <i>Directional</i> | <i>In planning</i> | Public Preview |

In Planning – the roadmap will be available end of January 2025 after cross company semester planning is completed

Observability

| Value | Capability | Impact | Est. Release | Update | Release Type |
|---|---|--|-----------------------------------|--------------|----------------|
| <ul style="list-style-type: none"> • Deeper understanding of governance practice with richer context around Business Concepts • Easier & insightful data estate exploration | Observability in business concepts: governed domains, data products, data assets and glossary terms | Data Curators and Data Stewards can better understand the governance metadata to help carry out actions such as impact analysis, root cause analysis, and derive insights that can help prioritize investments in data curation and management and take up data driven actions. | Q4 2024 <i>Good Confidence</i> | January 2025 | Public Preview |
| | Global data estate observability | A single-entry point for observability with visibility into the whole data estate enables users to derive cross-domain observability insights and add enhanced value to actions such as RCA/Impact analysis, analyze and act on right investments in data curation and management etc. | | | |

In Planning – the roadmap will be available end of January 2025 after cross company semester planning is completed