Quick Start: Microsoft Purview and Manta-Prolifics Lineage Connector: A 4 Week Proof-of-Concept (POC)

PROLIFICS CORPORATION PRIVATE LIMITED

Utilize Microsoft Purview & Manta-Prolifics Purview Connector to extend your data lineage capabilities.

Data Lineage enables customers to better trace the journey of their data across systems, ensuring compliance, facilitating impact analysis and understanding of data architectures for Cloud Migration. This solution is designed for Microsoft Purview clients seeking to enhance their data lineage capabilities beyond the standard scanning and ingestion. It is especially beneficial for systems like MS SQL (on prem), SSIS, SSAS and IBM Data Stage, where data lineage is not automatically captured. Technologies like Power BI and MS SQL are also supported.

Process:

- Collaborate with your Data Ops Team to understand specific data sources, objectives and requirements.
- Setup necessary configuration to scan your non-production metadata, ingest into Prolifics's Custom Connector, then load into Microsoft Purview, capturing lineage.
- Knowledge transfer and how to effectively use and maintain it.

Deliverables:

- Fully configured solution leveraging Microsoft Purview, Manta and Prolifics's Custom Connector.
- Demonstrate user interface that interacts with the system.
- Knowledge transfer session and guidance to your team including next steps.

Assumptions:

- Duration 4 weeks.

- The pricing and timelines are estimates based on a "reasonable number of requirements" and will be adjusted after agreed on proposal.
- Organizational commitment, availability and cooperation of key stakeholders, including:
    - Subject matter experts on the business side
    - Data, InfoSec, infrastructure & network engineering representation

Sample use cases:

- Empower your business analyst and data scientist to search for certain types of data based on business usage.
- Manage risk by analyzing internal data to identify potential risk and highlight areas of non-compliance and suggest remedial actions.
- Analyze external data sources, combined with your internal data sources to gather competitive intelligence and insights for strategic decision making.
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Contact us for a Proof of Concept

Learn more

Overview and Reference Architecture (attached)

IBM DataStage® Lineage in Microsoft Purview

1

From_Postgres_Order_Attributes

OrderAtt_ref

From_Postgres_Order_Item

Order_To_OrderItem   Jn   Ink_Jn   Xfm   Ink_Output   To_Postgres_Order

manta

2

OrderAttributes_Lkp_Postgres_to_Postgres
- _design
  - From_Postgres_Order_Item
  - From_Postgres_Order_Attributes
  - OrderAtt_ref
    - sku_number

OrderAttributes_Lkp_Postgres_to_Postgres
- _design
  - Jn

OrderAttributes_Lkp_Postgres_to_Postgres
- Xfm
- Ink_Jn

OrderAttributes_Lkp_Postgres_to_Postgres
- Xfm
- Ink_Output

OrderAttributes_Lkp_Postgres_to_Postgres
- _design
  - To_Postgres_Order
    - Ink_Output
    - jdw_order_number
    - brand_id
    - order_number

3

From_Postgres_Ord...

Manta Datastage Job Process
OrderAttributes_Lkp_Postgres_to_Postgres-_design

Jn

Xfm

To_Postgres_Order
Manta Datastage Transformation
Switch to asset

From_Postgres_Ord...