



JIRA

JIRA Data Source

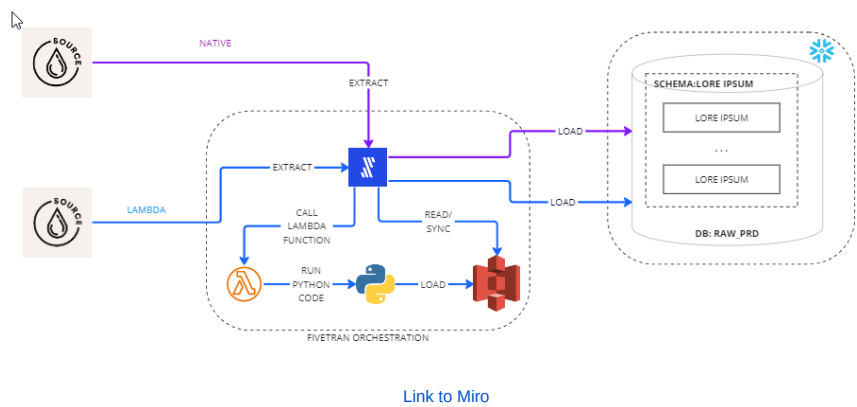
Description

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Data Pipeline Architecture

Integration Overview

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Components

- **Fivetran**: Extract and Load data from salesforce to snowflake using the native connector.
- **Lozem**: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vivamus lacinia odio vitae vestibulum.

Workflow

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Data Processing

Source to Raw

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i Only the columns selected in Fivetran will be replicated in Snowflake. If a column is missing, reach out the the data engineering team.

Transform from Raw to Staging

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Data Governance and Security

Data Privacy

- <Source> data is handled in compliance with data privacy regulations, with any sensitive information anonymized or encrypted.
- **Personally Identifiable Information (PII) Hashing:** To further enhance the security and privacy of PII data sourced from <source>, we utilize Snowflake tagging and masking policy to hash PII data fields. Hashing irreversibly transforms PII data into cryptographic representations, preserving data privacy while permitting analysis. Access to the hashed PII data is tightly controlled and restricted to authorized personnel only.

Access Control

- Access to <source> data and related integration components is restricted to authorized personnel.
- The contacts provided below pertain to the data ingested into the Business Systems Data Hub.

Type	Scope	Primary Contact	Secondary Contact
Data Owner	Makes decisions about the data's permissible use, its classification, and its criticality.		
Data Steward	Ensures that data governance policies are implemented and followed. Understands the business context and use of the data and bridge the gap between IT and business units.		
Data Custodian	Handles the technical aspects of storing, securing, and maintaining data, ensuring that the data is available, reliable, and secure.	@Rutvij Sharma	@Thierry Krumeich

Compliance

Our <source> data integration complies with relevant data protection regulations and industry standards.

Deployment and Scaling

Deployment Strategy

- <Source> is deployed within Dynatrace existing data pipeline infrastructure.

Scalability

- The integration is designed to scale horizontally and vertically to accommodate increased data volumes as needed.

Documentation and Maintenance

Versioning

- Version Control Mechanism: Our <source> integration captures version changes using DBT / GitHub as the version control system. GitHub allows us to track changes and maintain a history of modifications made to the integration scripts and configurations.

Change Log

- Change Log Documentation: The change log for the <source> integration is maintained using Jira tickets. Each change, enhancement, or bug fix is associated with a Jira ticket, which serves as a reference point for tracking and documenting changes. This ensures transparency and accountability in our change management process.

Runbook

- A runbook is available for troubleshooting common issues and performing routine maintenance tasks related to <source> data integration.