UNLOCKING THE FUTURE OF IT OPERATIONS: HOW AUTOMATED DATA INTEGRATION IS REDEFINING EFFICIENCY

IT operations (ITOps) teams need to make decisions constantly, and those decisions require accurate data stored in a centralized repository. The sheer volume and distributed nature of data within an organization can reduce the ability of ITOps team to effectively consume this data and make business-critical decisions. Data transfer is no longer just for efficiency; it is a strategic imperative for organizations looking to thrive in a rapidly changing landscape.

Business risks and inefficiencies

The transfer of data, especially when using manual processes, has inherent risks that can escalate and inefficiencies that can become more pronounced, including:

Data security:

- **Risk:** Data security is a top concern when managing data across multiple systems. Unauthorized access, data breaches, and cyberattacks can compromise sensitive information.
- **Inefficiency:** Manual processes and a lack of automation can increase the risk of human error, leading to security vulnerabilities. It can also be a time-consuming exercise.

Data consistency and integrity:

- **Risk:** Inconsistent data across different systems can lead to incorrect insights and poor decision-making.
- **Inefficiency:** Manual synchronization of data between systems can be error-prone, resulting in data loss or duplication.

Data duplication and redundancy:

- **Risk:** Duplicate data can lead to issues in storage and processing, increasing costs and reducing data quality.
- **Inefficiency:** Manual efforts to eliminate duplicates can be labor-intensive and may not be fully effective.

The Keyva Seamless Data Pump enhances the BMC Helix CMDB experience

The Keyva Seamless Data Pump allows bi-directional integration to migrate and integrate service management data between BMC Helix and third-party products. Together, the solutions can automate the process of collecting, transforming, and synchronizing data from distributed sources to unify data management across the enterprise.

By automating these processes, it reduces the risk of human error from manual data handling while also ensuring consistent and reliable real-time data across all systems. This enhances decision-making, boosts operational efficiency, and improves scalability. Additional benefits include:

- Immediate, automated data integration allows businesses to respond quickly to market changes, customer needs, and operational shifts, enabling proactive and better-informed decision-making from the latest information.
- Increased data quality and assurance includes built-in, automated validation and cleansing processes that ensure data is accurate and formatted correctly.
- Automated data integration systems can efficiently manage large volumes of data without requiring additional manual labor for easy scaling as your business grows and data complexity increases.
- Alignment with BMC Helix CMDB best practices allows easy customization, robust mapping of source data into the data model, and dataset reconciliation where necessary.
- Connections with multiple data sources help standardize third-party data integration into the BMC Helix CMDB in a standardized manner.
- It eliminates the need to have extensive API knowledge when integrating multiple systems, and the solution can be operational in under an hour, delivering a quick return on investment (ROI).
- The purely transactional solution does not store any data locally, reducing the risks associated with data storage, minimizing the attack surface, and maintaining consistency between source and target data.

BMC Helix ready

The Keyva Seamless Data Pump is available in the BMC Helix Marketplace and is designed to integrate seamlessly with various BMC Helix solutions to automatically populate, synchronize, and maintain CI data across different enterprise management tools and BMC Helix CMDB.

The Data Pump operates on a "set it and forget it" model, for effortless automation. Its out-of-the-box template configurations streamline the set up and deployment process, while its internal scheduler lets you manage when data transfers occur. This self-sufficient operation is exactly what automation should be—efficient, reliable, secure, scalable, and requiring minimal intervention.

Learn more about BMC Helix CMDB here, and please contact BMC - Helix if you would like to discuss this further.