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Agenda

Overview

Rationale

Details

SAP Business Content DataSource Extractors

Comparison/Contrast with other SAP HANA Data Acquisition Techniques

Appendix



Overview



Overview: SAP HANA Direct Extractor Connection

An additional data acquisition technique for working with data from SAP Business Suite systems has been added to the existing techniques for HANA data acquisition:

- **SLT Replication**
- **Data Services**
...and now
- **SAP HANA Direct Extractor Connection (DXC)**



SAP HANA Direct Extractor Connection (DXC): Overview

Rationale: Simple, low TCO data acquisition for SAP HANA leveraging existing delivered data models

- Customer projects may face significant complexity in modeling entities in SAP Business Suite systems
- Data from some areas in SAP Business Suite systems needs application logic to appropriately represent business documents
- SAP Business Content DataSource Extractors have been available for many years as a basis for data modeling and data acquisition for SAP BW; customers want a simple, low-TCO data acquisition mechanism to use SAP Business Content DataSource Extractors in SAP HANA data mart scenarios
- In many use cases, batch-driven data acquisition is sufficient (e.g. every 10 min)
- **DXC became generally available with HANA SP4**

SAP HANA Direct Extractor Connection (DXC): Aspects

Leverage pre-existing foundational data models of SAP Business Suite entities for use in SAP HANA data mart scenarios

- ③ Significantly reduces complexity of data modeling tasks in SAP HANA
- ③ Speeds up timelines for SAP HANA implementation projects

Provides Semantically Rich Data from SAP Business Suite to SAP HANA

- ③ Ensures data appropriately represents the state of business documents from ERP
- ③ Application logic to “make sense of the data” already built into many extractors

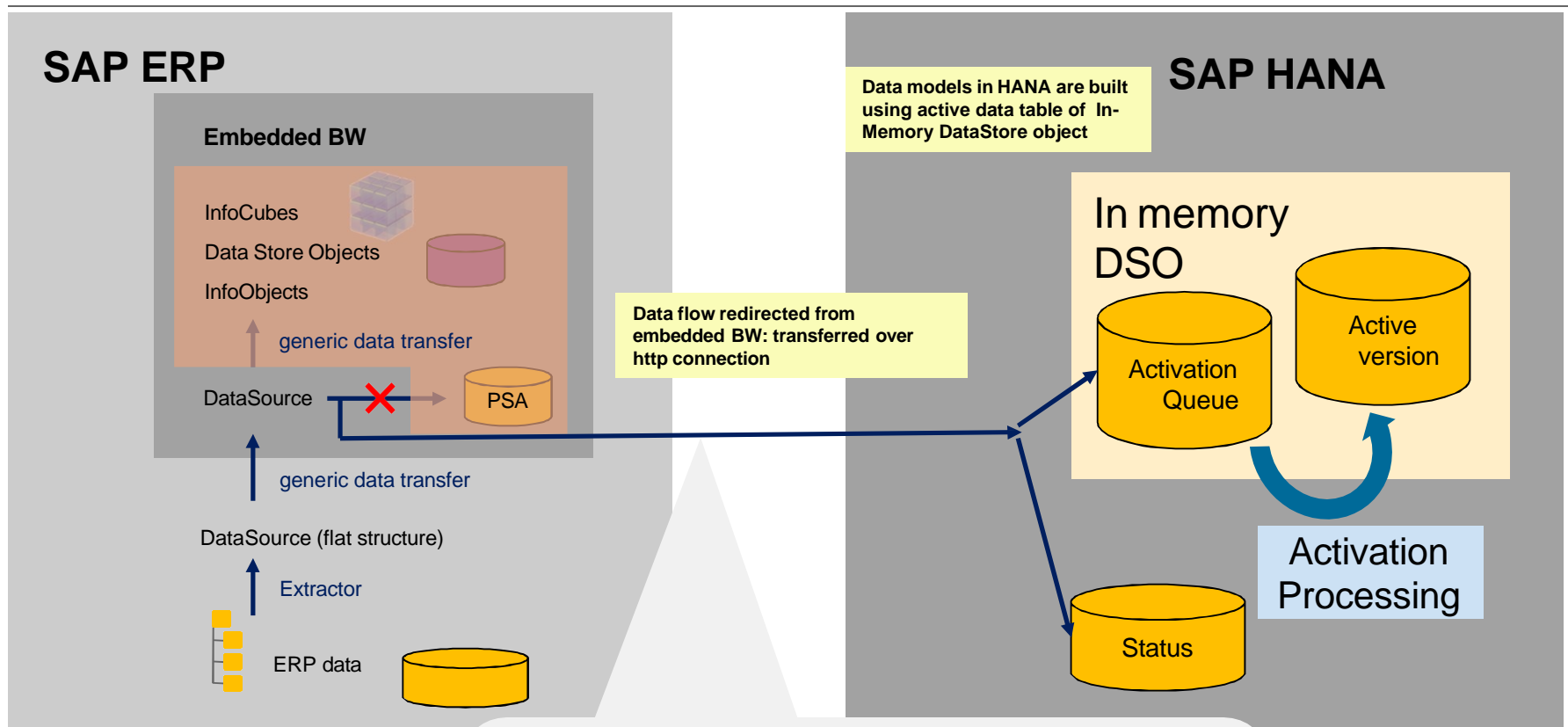
Simplicity / Low TCO

- ③ Re-uses existing proprietary Extraction, Transformation, and Load mechanism built into SAP Business Suite systems, over a simple http(s) connection to SAP HANA
- ③ No additional server or application needed in system landscape

Change Data Capture (delta handling)

- ③ Efficient data acquisition – only bring new or changed data into SAP HANA
- ③ DXC provides a mechanism to properly handle data from all delta processing types

SAP HANA DXC Concept: Illustration



- Data load into HANA activation queue
- Separate activation step
- Scheduled batch jobs



Rationale



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