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How to automate legacy ETL migration to AWS Glue

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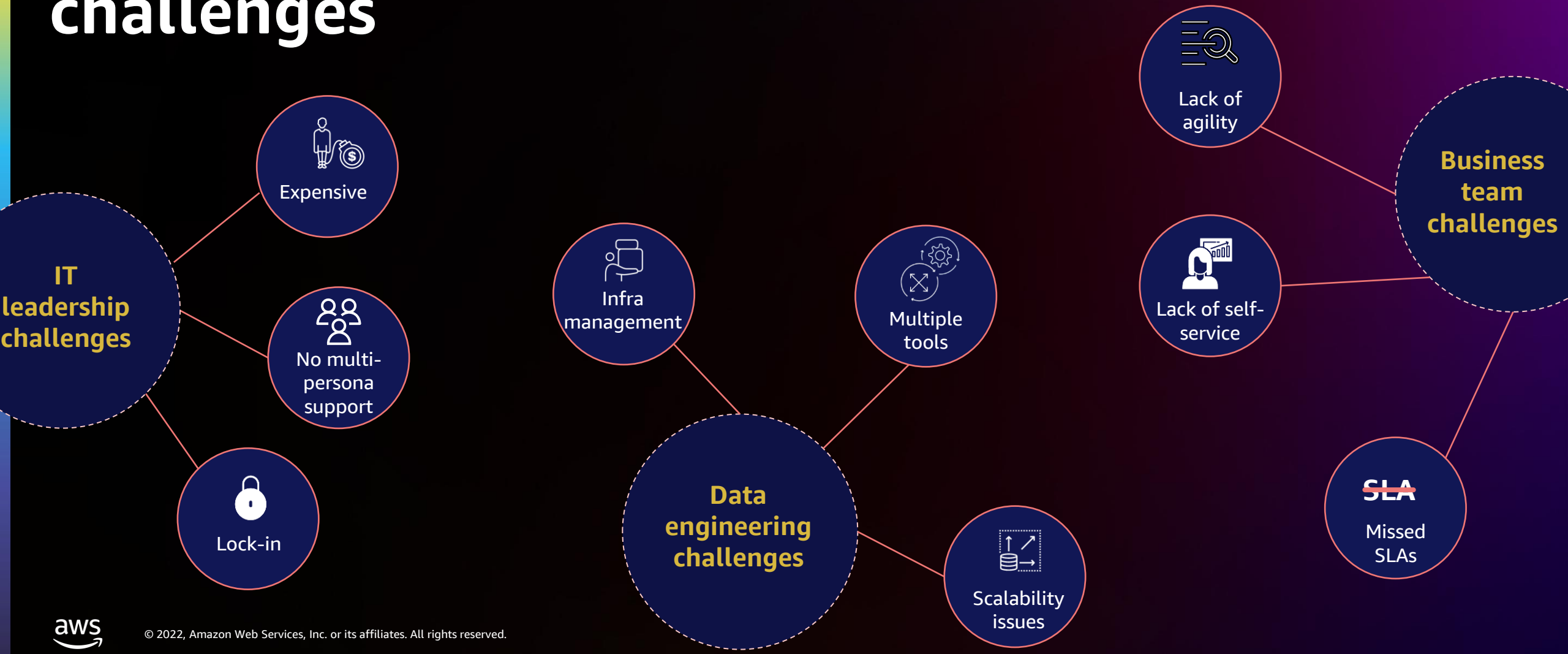
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AWS Glue is a serverless data integration service for easy to discover, prepare, and combine data for analytics, machine learning, and application development.

Data integration is critical to building modern data platforms, but our customers are facing challenges



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AWS Glue for the modern data stack

Purpose-built data services

Seamless data movement and sharing

Unified data governance

Scalable, performant, and cost-effective



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AWS Glue for the modern data stack

80+ connectors for scalable and simple-to-use data movement



Built-in connectors

Out of box connectors **managed by** AWS Glue



Custom connectors

Flexibility to build domain specific data access



Marketplace connectors

Broad range of subscription-based, **third-party options**



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Why do customers modernize ETL?



Manage ETL applications, not infrastructure



Integrate with other cloud applications seamlessly at low cost



Break free from proprietary tools and code base



Scale seamlessly to meet SLAs and improve business agility



Save costs by paying for what you use

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How customers use AWS Glue to modernize ETL

COMMON USE CASES

Self-service data integration

Allow various users in the company have access to data

Data lake data integration

Easiest way to clean and transform data

Migrate from traditional ETL

Gain flexibility and reduce cost

Data mesh architecture

Seamlessly integrate in a data mesh

ETL/ELT from data warehouse

Extract structure and unstructured data, transform and load to get insights

Leverage powerful Apache Spark engine

Process PB of data without the maintenance burden

Data preparation for ML

Visual interface for data preparation

Catalog data assets

Make data available and discoverable across the organization

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Challenges migrating ETL to AWS Glue



High risk



Time-consuming



Performance problems



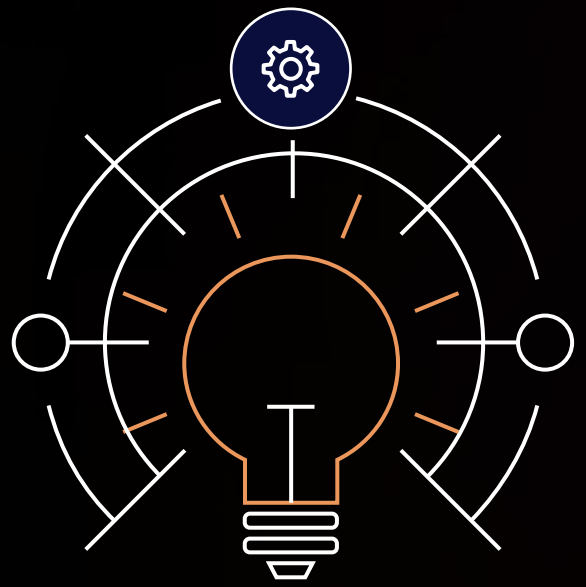
Orchestration overhead



Not scalable

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ETL Modernization Program



Goals

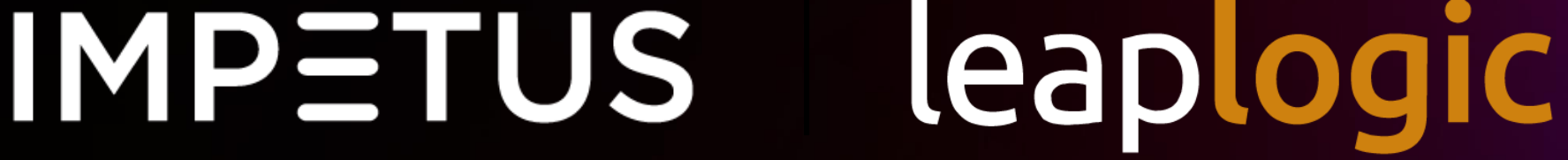
- Modernize legacy ETL workloads
- Reduce data integration costs by migrating to AWS Glue
- Accelerate migration

Benefits

- No-cost AWS Partner–delivered assessment and proof of concept (POC)
- No-cost ETL workload analysis and total cost of ownership (TCO) assessment
- High-level architecture and roadmap for migration
- Funding options to offset migration to AWS
- Support through the migration
- **Automatic code conversion to AWS Glue Studio from legacy ETL solutions**

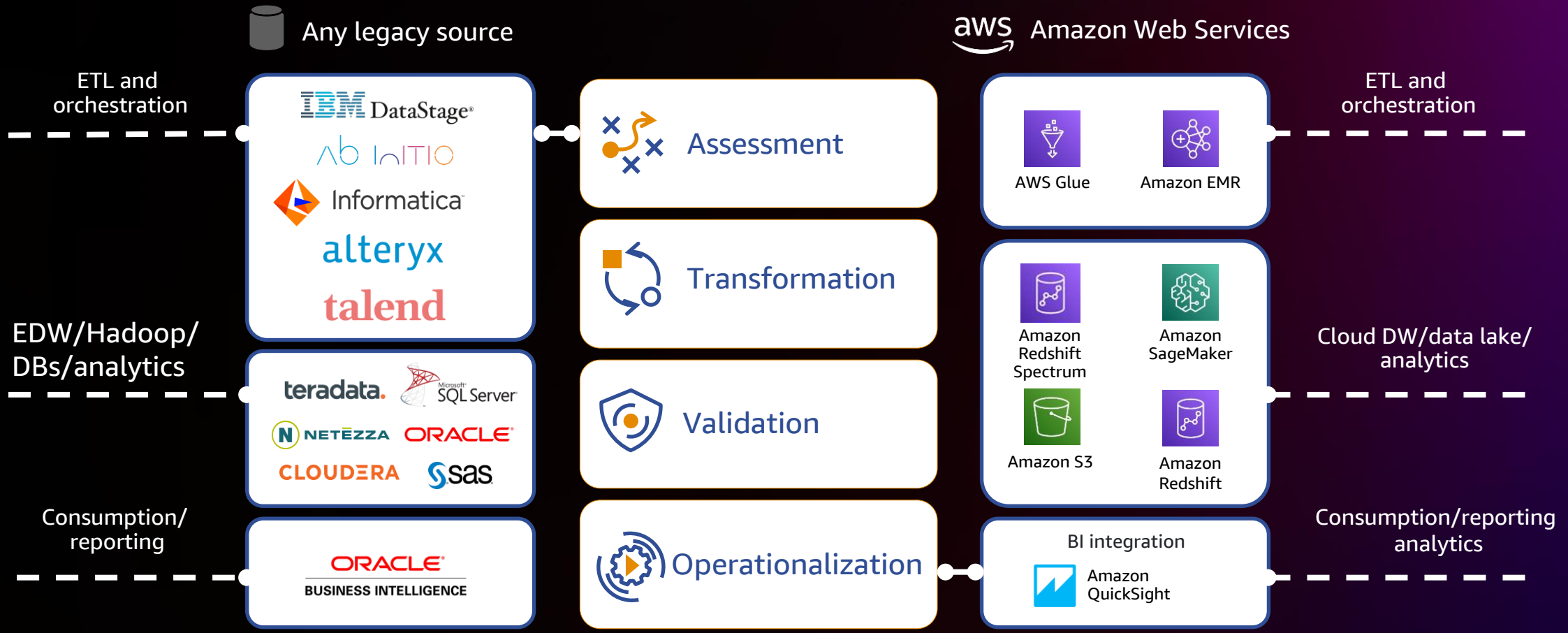
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From legacy to modern data infrastructure on AWS



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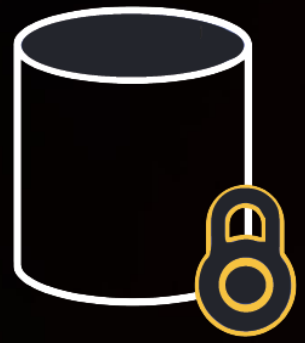
Leap to AWS stack with LeapLogic



Up to 95% automation



Near-zero risk in migration



Investment in business logic preserved



Faster time to market

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