

IBM Data and AI

Migrating your DataStage workloads to the Cloud using MettletCI

Jessie Snyder

Offering Manager, IBM Data and AI Data Integration

John McKeever

Co-Founder and Director, Data Migrators



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Data
Migrators



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Performance is based on measurements and projections using standard IBM benchmarks in a controlled environment. The actual throughput or performance that any user will experience will vary depending upon many factors, including considerations such as the amount of multiprogramming in the user's job stream, the I/O configuration, the storage configuration, and the workload processed. Therefore, no assurance can be given that an individual user will achieve results similar to those stated here.

IBM DataStage for Cloud Pak for Data + MettleCI

Now Available!

Leverage MettleCI at no additional cost for both CI/CD and automated migration capability when trading up, upgrading, or buying net new licenses of DataStage Enterprise, DataStage Enterprise Plus, or Information Server for Cloud Pak for Data.

MettleCI Features

- **DevOps Capability**
 - Automated Peer Review (Compliance)
 - Automated Unit Testing (generation & management)
 - Universal Git integration (Jobs and Unit Tests)
 - Continuous Integration
 - Continuous Delivery
- **Automated Migration Support**
 - Automated Static Code Analysis
 - Automatic job conversion
 - Manual job conversion

MettleCI Benefits

- Automated/Semi-automated job migration
- Expedited version-to-version migration
- Lower cost of maintenance
- Shorter time to delivery
- Higher performance Jobs
- Earlier, cheaper defect discovery
- Lower testing costs
- More reliable E2E execution
- Zero-effort work item traceability / auditability
- Release management with minimal effort
- Visibly more productive DataStage teams
- Demonstrable alignment with organisation strategy

MettleCI Availability Roadmap

March 30, 2021

1H 2021

Q4 2021

Initial Availability of MettleCI

- MettleCI available for any client entitled to DataStage/Information Server for Cloud Pak for Data
- Clients can use MettleCI on their existing, standalone DataStage/Information Server estates for both CI/CD and preparation for migration
- Clients can use MettleCI to automate migration of workloads from standalone DataStage/Information Server estates to Cloud Pak for Data

Server to Parallel Job Migration Tool

- Server to Parallel Job Migration tool to assist with automatic job conversion from Server Jobs to supported Parallel (or Px) jobs
- Compatibility analysis and recommendation for automatic vs. manual conversion
- Documented workflow to guide clients through conversion process
- Bulk server job conversion for supported server stages and parallel equivalents
- Generated unit tests for regression -detection

Native integration with Next Gen DataStage

- Microservice-based MettleCI for native integration with Next Gen DataStage (Project Tahoe)
- Leverage MettleCI CI/CD capability through seamless integration with Cloud Pak for Data UI

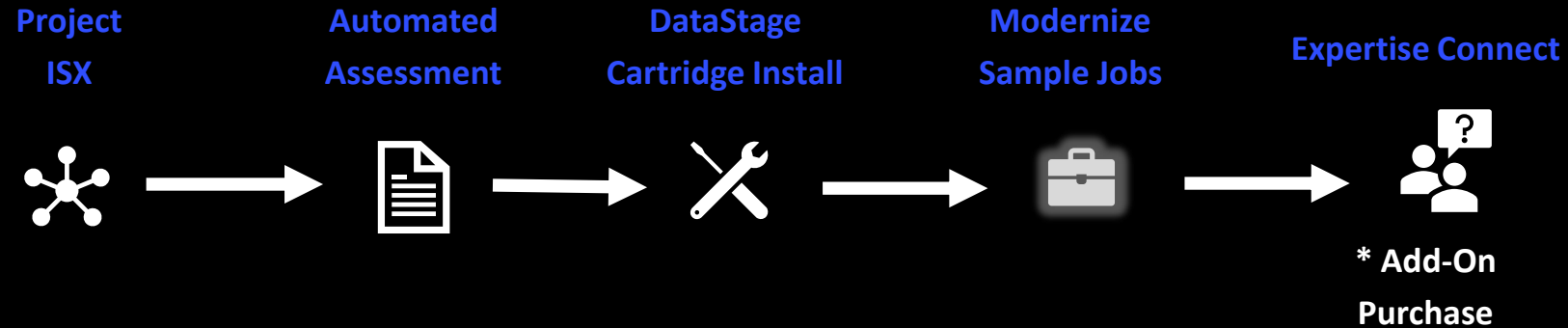
Demo

DataStage Modernization Services Offering

Focus on **Automation and Minimize** manual effort, **cost**, and elapsed time

A carefully **structured approach**, delivering tangible wins early and often

Eliminate upgrade **anxieties** and quickly benefit from Cloud Pak for Data capabilities



Offering Summary

- Free upgrade assessment through the detailed, automated analysis of your DataStage solutions (the Report Card)
- Assessment-based estimates of upgrade duration, costs, and approach (the Services Package)
- Development of Migration plan with automation focus for the upgrade steps automated code migration, automated unit testing and enabling integration testing within days)
- Repeatable processes, supporting a Project-by-Project go-live through continuous integration and deployment (DevOps for ETL)
- Migrate and validate up to 1500 DataStage Parallel jobs.
- Optional Expertise Connect Add-on can be purchased to support Customer's additional job migration, testing and go-live.

How to get going...

- 1 Complete Client Questionnaire & Upload Client ISX files (DataStage Export)
- 2 Assessment Reports and Recommended Next Steps from IBM Data & AI Expert Labs
- 3 Client to review and finalize project scope and approach with IBM Data & AI Expert Labs
- 4 Modernize your environment

Help IBM by sharing your IBM DataStage product experience and receive a
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