leaplogic

Automated workload transformation from Informatica to AWS Glue Studio

The freedom of the cloud is on the horizon, but the path to modernization is challenging.

We change that!

LeapLogic can accelerate the migration and modernization of legacy data warehouse, ETL, Hadoop, and analytics systems to an AWS-native stack with up to 95% automation.

Here's a demo of how LeapLogic simplifies the migration of Informatica workloads to AWS Glue Studio – starting with a comprehensive assessment, followed by automated transformation, validation, and all the way up to operationalization.

It first assesses the existing Informatica workloads and provides comprehensive insights. You can get an overall summary of the assessment and additional details for the complexity level of each file.

This can help you identify the nature of workloads and the level of transformation effort required.

Go to the Source Analysis section to get a comprehensive report of source files, including information about the source databases, workflows, mappings, transformations and so on. In the Entities section, you can get details related to different tables, such as lookup, source, and target, as well as missing tables.

You can also download a detailed report for transformation, workflow, mapping, and more for offline access.

LeapLogic provides actionable prescriptive insights in the form of several other downloadable reports.

Now, let's look at the Informatica to AWS Glue Studio transformation pipeline.

LeapLogic's transformation pipeline supports end-to-end conversion of all Informatica ETL scripts to the AWS Glue Studio equivalent code.

Let's look at how the pipeline is configured. Start the process by selecting "Informatica" as the graph type. Here, we uploaded a complex Informatica ETL file with unique Informatica constructs and transformations.

Select the target as AWS Glue Studio and provide the database details such as database name and schema name. Also, provide the AWS Glue Catalog Database connection details to connect the database and schema. Add the S3 storage repository path in the S3 Bucket Base path to store the files at the specified location.

Now, enter the connection name and save the ETL conversion stage.

Subsequently, upload the target data source where the converted code needs to be placed. Select the Job Type as AWS Glue Studio and the Execution Type as Deploy, which will deploy the converted ETL scripts on the AWS Glue Studio environment. You can now save the execution stage and can also re-execute the pipeline from here.

Next, let's look at the output of the Informatica ETL conversion. The ETL conversion stage transforms legacy Informatica workloads to the AWS Glue Studio equivalent code. The input script has been auto-transformed successfully.

LeapLogic provides target-compatible package code, which is ready to be orchestrated and executed as production-ready jobs on AWS Glue Studio. You can view the AWS Glue Studio equivalent output here.

LeapLogic follows a unique solution for dealing with unsupported or non-performant patterns on the target side. Its intelligent grammar-based transformation engine incorporates target-native best practices and converts the code such that it is optimized, compliant, and easy to maintain.

Download the converted package containing the AWS Glue Studio equivalent code to check if all converted scripts have been executed successfully.

LeapLogic also automates rigorous validation tests and handles orchestration, so you can modernize your Informatica ETL workloads to AWS Glue without any business disruption.

And when you do, LeapLogic assists with AWS Glue-specific optimization and capacity planning, ensuring the performance of transformed ETL workloads in your new AWS-native stack.

Choose LeapLogic to migrate workloads from Informatica to AWS Glue Studio – faster, at lower cost and with lower risk.

It's more than the next step. It's a leap into the future of your business.