FABRIC V8.1.8 RELEASE NOTES

These Release Notes describe the new features in Fabric release V8.1.8 and list bugs that have been fixed since the V8.1.7 release.

Certification of this Fabric release is based on:

- Cassandra version 4.1.3
- SQLite version 3.44.1
- OpenJDK Runtime Environment 21.0.3
- Confluent Kafka version 7.6
- Neo4j 5.23.0 – enterprise
- Elasticsearch – 8.5.3
- AWS OpenSearch – 1.3.4
- PostgreSQL 15.4

MAIN FEATURES AND IMPROVEMENTS

- Ticket #40761 – performance improvement when saving large Broadway Flow to handle the JSON to YAML conversion on the backend.
- Ticket #41547 – resolved Broadway Actors multi-threads edge cases when consuming pubsub configuration parameters.
- Ticket #40869 – avoid creation of redundant indexes on batch system DB tables.
- Ticket #40223 and #41837 – when Fabric starts, any thrown exception is catched when trying to create each LU, to ensure Fabric is up and running.
- mdb_export command was improved to create the missing unique indexes in the exported PostgreSQL DB when missing in the LU.
- Ticket #41668 - supporting additional authentication methods.
- Ticket #41134
    - Schema Highlighting Focus Level – in the Studio Schema window, the *Highlight* feature now includes a new widget that allows users to adjust the contrast between focused and less prominent tables. When the slider is set to full focus, then non-focused tables are hidden. The Auto Layout feature dynamically adapts to the visible tables, ensuring that when full focus is enabled, Auto Layout applies only to the displayed tables.
    - Schema Connected Tables: Full Hierarchy Highlighting – Connections are now displayed not only for directly linked tables but also for their predecessors and successors, providing a complete hierarchical view that is based on the selected table.

- Ticket #41473 - performance improvements were introduced to the sync process in case of delete non-updated mode.
- Ticket #41345 - ensure closing connections in the pool when using error.graphit file.
- 3rd party security vulnerabilities resolved.