FABRIC V8.2.1 RELEASE NOTES

These Release Notes describe the new features in Fabric release V8.2.1 and list bugs that have been fixed since the V8.2.0 release.

Certification of this Fabric release is based on:

- Cassandra version 4.1.8
- SQLite version 3.46.1
- OpenJDK Runtime Environment 21.0.3
- Confluent Kafka version 7.6
- Neo4j 5.25.1 - enterprise
- Elasticsearch - 8.5.3
- AWS OpenSearch – 2.17
- PostgreSQL 15.12

MAIN FEATURES AND IMPROVEMENTS

- **PrivateKey settings** – for any Fabric integrations with external systems (such as HTTP, JDBC), where private key usage is required, Fabric now simplifies the setting process: Add the private key to the keystore and ensure that its alias contains the host name / IP of the external system. It is recommended to add the port as well, in case there are different connections (e.g., SG-PROD-1.2.3.4:8080)

- Resolve edge cases of complex field masking (such as nested JSON format, etc…).

- Issue in the Catalog UI – when attempting to expand the schema in the Catalog UI in *compare* mode, the schema does not expand. The issue has been resolved.

- Catalog's field property *definedBy* includes the field's data type. This property is also populated during the parsing of complex structures, for all the fields within them. The fix has been done in a way that data types of fields inside complex structures are aligned with the Catalog data types.

- Ticket #41648 – Crawler was not working post upgrade to V8.2. The problem occurred when working with.NET Studio. The issue has been resolved.

- Ticket #41611 –missing components in the *modules* file during the Fabric upgrade process. The issue has been resolved

- 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.