FABRIC RELEASE NOTES

FABRIC V8.5.3 RELEASE NOTES

These Release Notes describe the new features in Fabric release V8.5.3 and list the bugs that have been fixed since the latest V8.5.2 release.

Certification of this Fabric release is based on:

3rd Party Name	Included with Fabric	3rd Party Server
Cassandra	Cassandra-cli-4.1.11	4.1.8
Elasticsearch	8.13.1	8.5.3
Kafka	3.9.2	Confluent-8.1.1
Neo4j Enterprise	5.26.32	-
OpenJDK Runtime Environment	openjdk-21.0.12+8	openjdk-21.0.12+8
OpenSearch	3.8.0	3.1.0
PostgreSQL	postgresql-42.7.13.jar	18.4
SQLite	3.53.4	-

MAIN FEATURES AND IMPROVEMENTS

1. Catalog

- The profiling plugins have been updated with the following validation: if the field already has a `sequenceName` property, the `classification` property will not be added to it. A message will be written to the log that Classification property cannot be added due to the existing Sequence Name property. The impacted plugins are:
  - Data Regex Classifier
  - Metadata Regex Classifier
  - LLM Profiling
- Fixed an issue in Discovery on an interface with schema name containing a dot (".").

2. Studio

- Extensions: fixed a regression where installing an extension did not automatically install its dependent extensions.

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3. Miscellaneous

- Ticket #52030 - Kafka Message Headers Support: added support for passing message headers through Kafka publish and subscribe operations. Headers can include string or binary values, support multiple values for the same header name, and preserve their original order and binary representation. The headers are available in published records and subscription metadata, enabling end-to-end header propagation through Broadway.
- Security improvements.

RESOLVED ISSUES

- Ticket #51954 – Sorting issue when in the Add actors to Broadway flow screen.
- Ticket #51958 – The fields with **space** in their name are missing from the Interface Explorer.
- Ticket #51987 – IIDFinder Kafka SSL Configuration: fixed an issue in Fabric 8.5 where the IIDFinder job incorrectly treated Kafka truststores and keystores configured as PKCS12 as JKS. Added support for the new `SCHEMA_REGISTRY_SSL_TRUSTSTORE_TYPE` and `SCHEMA_REGISTRY_SSL_KEYSTORE_TYPE` configuration parameters to specify the SSL truststore and keystore types for Schema Registry connections.
- Ticket #52005 – SourceDbQuery actor fails when an interface in the active environment is disabled.
- Ticket #52027 – TRACK_MDB_CHANGES: sync fails when an LU column name is an SQLite keyword.
- Fixed an issue where `iidFinder` throw an exception when using common tables.
- The following 3rd Party tools were upgraded:
  - Node.JS – 24.22.1
  - Sqlite - 3.53.4

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