



## FABRIC V8.2.9 RELEASE NOTES

These Release Notes describe the new features in Fabric release V8.2.9 and list bugs that have been fixed since the V8.2.8 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

- Implementation of load balancing when Fabric interacts with AWS keyspaces.
- Adjustment of the default Cassandra loader settings in the config.ini file according to Datastax and AWS recommendation.
- Ticket #44422 — the BigQuey Interface was not visible in DBCommand Actor drop-down list.
- iidFinder
  - Performance improvement — changed Delta table PK to include, besides iid, an additional column named write\_index with random value from 0 to GET\_DELTA\_LIMIT (0 included, GET\_DELTA\_LIMIT excluded) where the GET\_DELTA\_LIMIT hidden parameter is set in iifConfig.ini. Default is 1, so only 0 values are stored in that column, making it identical to previous implementation. Expected values include 5 or 10 and should be chosen to allow an appropriate maximal number of records to be fetched for a given PK value.
  - Ticket #44723 — changed the logback.xml file in both iidFinder and Fabric to enable auditing iidFinder SQL actions to log.
  - Ticket #44811 — an exception is thrown in an LCK scenario when the updated table has multiple parents.
  - Ticket #44920 — terminating iidfinder when loading of configuration fails.
  - Ticket #44906 — resolved cases of missing GG processing messages, i.e., not reaching the LUIs.



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- Ticket #44595 — resolved a WEB\_SERVICE\_CERT conflict with JVM keystore. A new parameter, called WEB\_SERVICE\_KEY\_ALIAS, was introduced in the config.ini, set by default to webserver. If this parameter is presented in the config and exists in the keystore, use it; if it is presented in the config and but doesn't exist in the keystore, log a warning and do not use it.
- Ticket #44445 — the batch end date should also be populated in case of batch process failure.
- Ticket #44466 — S3FileSystem interface filters do not work properly.
- Ticket #44879 — Parquet Catalog discovery in Azure Blob Storage fails.
- Ticket #44874 — supporting SQLite ON CONFLICT clauses.
- DbLoad Actor was enhanced to suppress upsert failures on tables with only a primary key definition in SQLite and PostgreSQL.
- Resolving 3<sup>rd</sup> party security vulnerabilities.