



## FABRIC V8.3.8 RELEASE NOTES

- These Release Notes describe the new features in Fabric release V8.3.8 and list bugs that have been fixed since the V8.3.7 release.
- Certification of this Fabric release is based on:
  - Cassandra version 4.1.8
  - SQLite version 3.46.1
  - OpenJDK Runtime Environment 21.0.11+10
  - Confluent Kafka version 8.1.1
  - Neo4j enterprise 5.26.27
  - Elasticsearch 8.5.3 and 7.16.3
  - PostgreSQL 17.5
  - AWS OpenSearch:
    - Cloud: 3.1 and 2.17
    - On prem: 1.3.4

## RESOLVED ISSUES

- Ticket #49756 – added support for LU-level globals overridden in the environment file. Backported from Fabric 8.4.
- Backported S3 capabilities from Fabric 8.4
  - Ticket #48556 – Improved Stability for Parallel S3 Batch Downloads When using parallel S3 batch downloads (introduced in 6.5.9 HF34 via `PARALLEL_DOWNLOAD=true`), a batch fetch could fail if data was updated mid-download. Two enhancements have been added to address this: • Retry Mechanism - a retry mechanism controlled by the `MDB_LOAD_ATTEMPTS` parameter (under `[fabricdb]` in `config.ini`, default: 3) will automatically retry failed batch fetches. • Version Change Handling - the new `IGNORE_VERSION_CHANGE_DURING_PARALLEL_DOWNLOAD` parameter (under `[s3_storage]` in `config.ini`) controls behavior when an S3 object is updated mid-download. When set to true (default), the download retries with the latest version. When set to false, it continues with the previously fetched version, this requires S3 Object Versioning to be enabled.
  - Ticket #48556 – when using parallel S3 batch downloads (introduced in 6.5.9 HF34 via `PARALLEL_DOWNLOAD=true`), a batch fetch may fail if the data is updated mid-download. To address this, a retry mechanism has been added, controlled by the `MDB_LOAD_ATTEMPTS` parameter under the `[fabricdb]` section in `config.ini` (default: 3).
- Following 3<sup>rd</sup> party tools were upgraded



## FABRIC RELEASE NOTES

- Neo4j – 5.26.27
- Netty – 4.1.135
- Handlebars – 4.5.2
- Node.JS – 20.20.0
- org.jline:jline-remote-telnet - 4.2.1