



FABRIC V6.5.9 HOT FIX 37 RELEASE NOTES

These Release Notes describe the new features in Fabric release V6.5.9 HF37 and list bugs that have been fixed since the V6.5.9 HF36 release.

Certification of this Fabric release is based on:

1. Cassandra version 4.1.10.
2. SQLite version 3.34.0.
3. Open JDK version jdk-8u322.
4. Confluent Kafka version 8.1.1.
5. OrientDB - 3.1.3-tp3 & 3.2.4-tp3.
6. Elasticsearch - 7.14.1 & 7.8.1.
7. AWS OpenSearch - 1.3.4.

MAIN FEATURES, FIXES AND IMPROVEMENTS

- **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.