



FABRIC V7.2.2 HOT FIX 14 RELEASE NOTES

These Release Notes describe the new features in Fabric release V7.2.2 HF14 and list bugs that have been fixed since the V7.2.2 HF13 release.

Certification of this Fabric release is based on:

- Cassandra version 4.1.3
- SQLite version 3.44.1.0
- Open JDK Runtime Environment (build 17.0.10+7)
- Confluent Kafka version 7.2.1
- Neo4j 5.12.0 – enterprise
- Elasticsearch – 8.5.3
- AWS OpenSearch – 1.3.4
- PostgreSQL 15.4 (Debian 15.4-1.pgdg120+1)

MAIN FEATURES AND IMPROVEMENTS

- Batch command was enhanced to get a list of instances from PubSub, or any other streaming interface, such as Kafka. The batch process should get - as an input - the topic that it should consume the messages from. In order to stop such batch process from running, a `cancel_batch` command should be executed.
 - Example: BATCH Customer from KafkaInterface1 using ('topic1')
`FABRIC_COMMAND="sync_instance CUSTOMER.?"` with `async='true'`;
- Batch command - add a new optional parameter called `ESTIMATED_ENTITIES_COUNT` to present the estimated number of entities to be processed by the batch command. This parameter should be mainly used in cases of feeding a batch with instance streaming. When monitoring the progress of the batch process, a comparison can be done with the predicted total number of instances to be processed.

RESOLVED ISSUES

- Ticket #38884 – resolved the Kafka producer pooling issue plus adding performance improvement to make the publish async when there is no transaction.
- Ticket #39041 – added the Cassandra boot retry mechanism.
- Ticket #39169 – resolved common tables error when trying to safely close a Kafka consumer.
- Ticket #39136 – resolved edge cases of batch process is not marked as completed although all instances were processed.