FABRIC V6.5.6 RELEASE NOTES

These Release Notes describe the new features in Fabric release V6.5.5 and lists bugs that have been fixed since release V6.5.5.

Certification of this Fabric release is based on:

- Cassandra version 3.11.9 and 4.0.1.
- SQLite version 3.34.0.
- Open JDK version jdk-8u312.
- Confluent Kafka version 5.5.1.
- OrientDB tp3-3.1.2.
- Elastic oss-7.6.0.

MAIN FEATURES AND IMPROVEMENTS

1. Common Tables

- Ref_status command output structure was extended for better common tables sync process tracking. Now it shows number of messages sync process read so far, what is the current consumed offset, how long this offset is in process, etc.

2. iidFinder

- A new field was added to LU schema properties under IID Finder section called Affinity. Affinity will be taken into consideration when delta partition job will start, it will pass to the job the Affinity defined on the LU schema plus the one defined on config.ini if any.

3. Broadway

- If a Broadway flow fails during debug, the failed Actor is highlighted.

4. Studio

- A new property called 'Query Builder: Use Prepared Statement' was added to the Database Types definition, and it is checked by default. Note that with certain database types it should be unchecked (for example, with Aerospike).

5. Miscellaneous

- Reset drop now supports non-Cassandra (Fabric default) storage types such as Azure Blob Store, S3, and files.
- With Azure Blob Store as a Fabric storage layer, the following features were added:

- SAS authentication - CREDENTIALS_TYPE parameter was added and ACCOUNT_KEY parameter was enhanced to support the signature. These are in the config.ini file in the [azure_blob_storage] section.
- Support for concurrent deployments.
- Support for optimistic locking. A new parameter was added to the config.ini file in the [azure_blob_storage] section, called VALIDATE_REMOTE_VERSION with FALSE as a default value.

RESOLVED ISSUES

- Resolved third party security vulnerability issues.
- Ticket #27003 – second Reference Deployment failed when first Reference deployment took place while there were no Reference tables in the implementation.
- Ticket #26953 – common tables, add a retry mechanism when writing to the _k2_main_info table.
- Ticket #27701 – Micro Database is not clean sometimes when dealing with CACHE higher than 2G.
- Ticket # 27235 - Failure to connect to an Aerospike database using jdbc jars.
- Broadway
    - It is not possible to perform actions on a stage when special characters were used for the stage name.
    - SSH Actor stuck when running concatenated command.
    - Don't allow linking several elements from data inspection (flach) to the same Actor input parameter.
    - Ticket #27395 – Broadway Flow order of output parameters is not predictable.
- Web Admin - Batch Monitor screen – remove execution ID column for Entities in process, since it does not display the batch execution Id.
- ZOOKEEPER_BOOTSTRAP_SERVERS was removed from config.ini.
- When working within deploy.flow and running a SELECT statement on a common table related to a schema different than common, a *table not found* error occurs.
- Improve Oracle date handling to cover different time zone formats.
- Ticket #27626 - Build Data Catalog fails in some scenarios.