



FABRIC V8.2.2 RELEASE NOTES

These Release Notes describe the new features in Fabric release V8.2.2 and list bugs that have been fixed since the V8.2.1 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

- **Web Studio**
 - The extensions list is now sorted in alphabetic order.
 - Ticket #42686 – resolved the duplicate column presentation when exploring MongoDB after running the discovery process.
 - Allowing to set an underscore as a prefix to LU table column name.
 - Ticket #42726 – resolving the error in which unintended characters are being automatically inserted when manually creating tables in the schema using a Select statement.
- **Masking** elements within XML structures are now fully supported.
- XmlParser actor was fixed to avoid removal of elements when comments are associated to it.
- DBLoad actor was enhanced to support upsert mode in case of Cassandra.
- Setting automatic dialect to DbLoad, DbDelete and DbCreateTable actors based on the input database type.
- **Graphit** now supports having a direct value within a node, in the XML output format, when other child nodes are defined as attributes. (Until now, for JSON output format compatibility, values could only be added as child nodes).
- Ticket #41122 – adding the ability to filter Cloud File System Interface Listener by Filename or Path.
- Ticket #42709 – Fabric now supports LU root tables having a hyphen in their name.



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- An error was thrown when executing the Describe command on an LU table that contains a dash. Now resolved.
- **BuildArtifacts.sh** script
 - Ticket #41880 – setting the default Java version to 21 on BuildArtifacts.sh script.
 - Script was improved to avoid building artifacts for Logical Units sent as input to the script but not part of the project implementation.
 - Ticket #42201 – fixed the BuildArtifacts.sh and BuildAndDeployArtifacts.sh scripts to return a proper exit code when the deployment failed.
 - Ticket #41820 – fixed the BuildArtifacts.sh and BuildAndDeployArtifacts.sh scripts to support not only the local host as input, but also remote machines.
- **IIDfinder**
 - Drop LU didn't delete instance data from cache tables on AWS keyspaces.
 - The creation of the initial cache tables as a part of the deployment process is now configurable, INIT_FINDER_TABLES parameter was added to the config.ini file under [finder] section.
- **Catalog/Discovery**
 - The LLM Data Profiling plugin has been renamed LLM Profiling.
 - Bug fixes in the Discovery Pipeline screen related to the Baseline rule override.
 - Ticket #42081 – incorrect representation of MongoDB metadata in the Studio Interface explorer, when it is retrieved from the Catalog.
 - Ticket #42125 – problem when running discovery on ElasticSearch interface.
 - Ticket #42659 – Catalog filter was not working on the dataset's level.
 - When no classification is set on a field, the CatalogGenerator actor generates default values based on the type (random string, random integer, etc..). Now it also considers the range of values based on the field size.
- **Secret Manager:** Fabric now supports zero trust mode for accessing external resources through interfaces, without requiring a "secret zero" to access the Secrets Management service - even when the service is not cloud-native. This is achieved by using two secret managers, where a cloud-native secret manager securely stores the access credentials for the secondary (non-cloud-native) secret manager.
- When activated during rule-based data generation, with PII classification OnEmpty attribute set to LeaveEmpty, the catalog generator actor will generate a random value.
- Resolved a failure when debugging a Broadway inner flow.
- The conversion of string to datetime with time zone is now supported. For example, this format is now supported 2008-08-03T19:10:13.007-07:00.
- Introducing a new actor called CharacterCaseMaskingFormat; it transforms the letter case of a word to match the letter case pattern of the original value.



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- 3rd party security vulnerabilities resolved.