



FABRIC RELEASE NOTES

FABRIC V8.4.5 RELEASE NOTES

These Release Notes describe the new features in Fabric release V8.4.5 and list bugs that have been fixed since the latest V8.4.4 release.

Certification of this Fabric release is based on:

3 rd Party Name	Included with Fabric	3 rd Party Server
Cassandra	java-driver-core-4.17.0.jar	4.1.11
Elasticsearch	8.13.1	8.5.3
Kafka	3.9.1	confluent-8.1.1
Neo4j Enterprise	5.26.27	-
OpenJDK Runtime Environment	openjdk-21.0.11+10	openjdk-21.0.11+10
OpenSearch	3.4.0	AWS 1.3.4
PostgreSQL	postgresql-42.7.8.jar	17.5
SQLite	3.46.1	-

RESOLVED ISSUES

- Ticket #49794 – XML masking didn't work correctly when the same field name appears multiple times in the XML, with one occurrence marked as PII and another as non-PII.
- Ticket #49922 – fields defined as `Collection (STRING)` within XML complex structures are now supported by the masking process and will be masked correctly.
- Tickets #49391, 49790 - *File Cataloging – JsonSchemaToMetadata actor* enhancement:
 - The **JsonSchemaToMetadata** actor now supports all filesystem interface types (local, Azure, S3, etc.), extending beyond the previous local-filesystem-only limitation. A new resolver input has been added, requiring an inner flow or actor to read the input JSON schema and its external references (defaults to *FileRead.actor*). When reading the JSON schema from an HTTP interface, replace *FileRead.actor* with *Http.actor* in the resolver. As part of this change, the string input has been removed, as streaming is now handled internally by the resolver.
 - **Note:** This is a breaking change for existing flows using this actor. Update your flows as shown in the updated *File Cataloging - Demo* extension (latest version).
- Ticket #49859 – a filter defined in the Discovery pipeline was being ignored by the Discovery job. The root cause was the presence of a dot (.) in the table name.
 - **Note:** Table names containing a dot must be enclosed in quotes in the filter definition, for example: `"table.abc"`.



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- Make sure that *sendStringParametersAsUnicode* parameter of the connection string of the Microsoft SQL Server JDBC driver is set to true (this is its default).
- Ticket #50045 – XML data type was not recognized when running discovery on PostgreSQL DB. The problem started after the upgrade to Java 21.
- Ticket #49921 – after successful execution of Discovery job on XML files, the Catalog graph wasn't displayed. The problem only occurred when running discovery on XML files for the first time in a new space.
- Ticket #49976 – running discovery on **Fabric** failed with NPE in some edge cases.
- Ticket #49943 - DB Interfaces are not opening on Environment page (shown as legacy)
- Ticket #50181 – resolved a memory leak that could occur in rare edge-case scenarios when using the S3 interface.
- Resolved 3rd party security vulnerabilities:
 - Netty upgraded to 4.1.135.
 - Handlebars upgraded to 4.5.2.
 - Neo4J upgraded to 5.26.27.
 - Upgrade jline-remote-telnet to 4.2.1.