



EQUALUM 0.9 RELEASE NOTES

Equalum is the leading Data Beaming platform, relied upon by enterprises across industries to seamlessly teleport operational data to real-time analytics environments. Built for scalability and ease of use, Equalum ingests data in real-time, as it is created, from any number of data sources. It processes and transforms the data before streaming it to any number of target applications or systems. Data Beaming technology harnesses the power of Spark in an end-to-end, enterprise-grade solution – helping organizations rapidly accelerate past traditional ETL or open-source implementations with a zero-coding approach, intuitive design, and minimal maintenance.

NEW FEATURES & ENHANCEMENTS

NEW SOURCES

- **MySQL** – the new version includes support for MySQL, an open-source relational database management system (RDBMS). The supported version is MySQL 5.7 and up.

NEW TARGET

- **MySQL** – the new version includes support for MySQL, an open-source relational database management system (RDBMS), as a target. The supported version is MySQL 5.7 and up

EMAIL NOTIFICATIONS

The new version includes the ability to send alerts via email. Each alert is classified by severity (e.g. critical and warning) and category (e.g. agent, cluster, flow, source, and target). Users can independently define, for each category, the following settings:

- **None** – no notifications.
- **Critical** – receive notifications when a new critical alert of this category is triggered, changes its severity to Warning or Resolved, and when it is manually acknowledged.
- **All** – receive notifications when a new alert of this category is triggered, changes its severity or is resolved, and when it is manually acknowledged.



ENHANCED EVENT STREAM MANAGEMENT

The Event Stream screen in the Cluster Management section, features enhanced monitoring capabilities. It is now possible to easily identify "Lookup" event streams (i.e. have been configured to "maintain as entity"), monitor their creation process, view their status, and view their sizes.

BACKUP AND RESTORE ENHANCEMENTS

The ability to backup and restore the meta data is now part of the standard CLI. The meta data includes all the configuration settings, such as Sources, Streams, Flows, Targets, etc. The CLI can be used to backup this metadata and to restore it upon request.

ADDITIONAL PLATFORM ENHANCEMENTS

- **HTTPS support as default** – HTTPS is now enabled as a default for all communications with the server, including the UI, API, and CLI.
- **Agent performance enhancements** – file handling performance has been improved as well as additional general performance improvements have been implemented.
- **Auto-start control** – the new version includes the ability to disable/enable the auto-start feature.



FIXED ISSUES

- EQ-6458 - EQengine create-support-bundle fails to backup some topics.
- EQ-6453 - org.apache.avro.AvroTypeException appears on EQengine upgrade.
- EQ-6419 - Can't create SqlServer Source due to missing parameters - NPE on the agent.
- EQ-5025 - Oracle Log miner 'sql_redo' cannot be empty - sets the source state to error.
- EQ-6499 – The wrong Kafka version is displayed on the Cluster Overview screen.
- EQ-6388 - While trying to create a user, an internal server error is displayed.
- EQ-6447 - HDFS flow target - unexpected path validation error message.
- EQ-6572 - Alerts History screen may be slow when it has many items.
- EQ-6288 - Equalum agent should print it's PID at startup to help diagnose incidents.
- EQ-6119 – UI -Zoom should work well for large flows.
- EQ-5221 - Split - true and false labels shouldn't be allowed to be identical.

KNOWN ISSUES

- EQ-6505 – Agent status may remain "Pending" after restoring the system to a previous point.
- EQ-6469 – In some cases, upgrade may fail on one of the cluster nodes.
- EQ-6512 – The Cluster Overview section in the UI may in some cases show an incorrect number of spark workers.
- EQ-6464 – In some cases changing the "equalum" user's default email to a custom email fails.
- EQ-6451 – A java.io.IO exception may appear during EQengine backup process.
- EQ-6520 – When auto-start is configured as enabled, the "eqengine stop" command may not be able to properly stop the node.
- EQ-6387 – when changing a password, a "bad enum string" error may appear.
- EQ-6410 – the user topic size field may display thee wrong size metric.
- EQ-4155 – the Oracle session sometimes does not close within 300 seconds after the source is deleted.