



## Financial Services Crime and Compliance Studio Release 8.0.8.3.x

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### Description

ID **32858929, 32858944, 34388059, 34763742** – OFS Crime and Compliance Studio Release 8.0.8.3.x

This release of OFS Crime and Compliance Studio includes the enhancements, bug fixes, and security vulnerabilities ([8.0.8.3.1](#), [8.0.8.3.2](#)) since the 8.0.8.3.x release.

### New Features in this Release

The following new features are incorporated in this release. For detailed information on how to use these features, see the [Oracle Financial Services Crime and Compliance Studio User Guide 8.0.8.3.0](#).

#### 1. Incremental training for ML-Boosted Name Matching

Previously the ML-Boosted Name Matching algorithm used a pre-trained model. In this version of FCC Studio, incremental training improves the model over time, taking into account user feedback based on decisions made within the updated Manual Decision UI.

Tags which are entered by the user in the **Manual Decision UI** are used along with automatically generated similarity edges to incrementally train the ML-Boosted Name Matching scoring model (**Bundled notebooks for ML-boosted namematching model training**).

2. **New pgql Java Interpreters:** In order to ensure compatibility with PGX High Availability configurations, there is a new PgxInterpreter available that ensures that all PGX capable interpreters use the same PGX client and share a common environment. The PgxInterpreter is an interpreter that will delegate to other PGX interpreters, ensuring Data Studio creates only one of these interpreters per session. This will ensure that all PGX interpreters will share connection properties (such as cookies and source IP address) on a session basis.

The PGX-Java has the following interpreters:

- **Pgql interpreter**
- **Pgx-Algorithm interpreter**
- **Pgx-Java interpreter**

**Note:** You need the Oracle connection configuration in the **pgx-java interpreter**.

#### 3. Other Improvements:

- Added zeppelin interpreter output limit to all interpreters except markdown.
- **NameMatching** Incremental Training with **MMG**.
- Included Pgx-Java custom **getQuantifindRiskReport** method.
- Update the PGX data limits in runtime.
- Updated bases images from the container registry
- Non-SSO user creation and role mappings through configuration dummy-users.json.
- Added alias to default redaction fields for customers.
- Added additional two attributes, "**Event type**" and "**Data Origin**" to node, Event, in the Global Graph.
- Included xgboost and imbalanced learn as default python packages.

- Updated datastudio and pgx versions.
- PGX configuration: Ignore & log invalid loaded graph data and invalid changeSets.
- Enabling dynamic forms in Studio for Python interpreter.
- The studio works with Elastic Search, which has https enabled, and authentication enabled.
- While PGX configuration, you can provide Data memory limit for users/sessions/all pgx limits.
- Using Hive temp-table in connector job.
- Added Cash Transaction between Customer and Account in Global Graph.
- Updated FCGM Template.

## How to Install this Release

For detailed instructions on installing this OFS Crime and Compliance Studio Release, see the [OFS Crime and Compliance Studio Application Pack Installation Guide 8.0.8.0.0](#).

## Known Issues or Limitations in This Release

### 8.0.8.3.0

The following table lists the known issues or limitations in this release.

| Sl. No. | Bug ID   | Known Issue or Limitation  | Workaround  |
|---------|----------|--|---|
| 1       | 32895346 | <b>Admin Activity:</b> In the <i>Pretrained or Incremental</i> Training, the <b>Synonym</b> and <b>Stopwords</b> scores are a little higher than expected.   | -   |
| 2       | 32895286 | <b>Admin Activity:</b> The user will be able to get informative log messages when executing a notebook (for SAML in batch mode) from a user other than dsbatch when using the <b>SAML</b> realm.   | -   |
| 3       | 32895299 | <b>Admin Activity:</b> Notebook execution through batch displays a success message even though some paragraphs throw an error.   | -   |
| 4       | 32895338 | <b>User Activity:</b> In the <i>Tasks</i> Screen, the cancelation of a paragraph from the tasks screen doesn't happen.   | -   |
| 5       | 32895261 | <b>User Activity:</b> In the <b>Manual Decision UI:</b> Error while loading the Graph after selecting the manual edges – this error occurs randomly as follows<br><i>"java.lang.illegalstateexception: unable to create pgxsessionwrapper"</i> | Export the Manual Decision Notebook, Edit the exported notebook and add the link parameter just below the 'description' ("link": "manualDecision"), |

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|    |          |   | truncate table "fcc_er_paragraph_manual" in studio schema, and then Import the modified Notebook |
| 6  | 32895355 | <b>User Activity:</b> Check or uncheck of notebooks that will not be working properly.  | -  |
| 7  | 32895388 | <b>User Activity:</b> The <b>Export To PDF</b> paragraph displays insufficient information of the <b>SI Notebook</b> .                            | -  |
| 8  | 32895402 | <b>User Activity:</b> Error while updating interpreter settings for <b>jdbc</b> and <b>fcc-jdbc</b> interpreters.                                 | This issue occurs with newer versions of Chrome browser but has not been seen in other browsers. |
| 9  | 32895413 | <b>User Activity:</b> The <b>Task</b> tab, <b>Horizontal</b> scrollbar is missing in <b>UI</b> , and the user is not able to see all the columns. | -  |
| 10 | 32895423 | <b>User Activity:</b> Notebook execution through batch fails whenever there is a blank paragraph in the Notebook.                                 | User should not have blank paragraphs in the notebooks.  |
| 11 | 32895430 | <b>User Activity:</b> Manual Decision notebook is locked in <b>OOB</b> Studio. Should be unlocked by default.                                     | Admin should unlock the "manual decision" Notebook after the Studio installation.                |
| 12 | 32895318 | <b>User Activity:</b> Error message " <i>cannot execute the task (context is resetting)</i> " while executing a paragraph.                        | Export, Import, or clone the Notebook.   |

### 8.0.8.3.1

The following table lists the known issues or limitations in this release.

| Sl. No. | Bug ID   | Known Issue or Limitation   | Workaround   |
|---------|----------|---|--|
| 1       | 34445107 | OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (GRAPH ETL)<br><br>Publish button is non-responsive for a notebook.   | Due to security fixes, Graph ETL issues are occurring. Please upgrade to Compliance Studio.  |
| 2       | 34445183 | OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (GRAPH ETL)<br><br>PGX displays an error as "invalid edge" when a user trigger Graph ETL batch for <b>Day 2</b> . | Perform the following steps:<br>1. Login to the Hadoop server.<br>2. Run the following command to download the <b>graph.json</b> from Hadoop Server: |

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|   |          |  | <p><b>Hadoop fs -copyToLocal/&lt;path in hadoop&gt;/graph.json</b></p> <p>3. Copy the path from <b>HDFS_GRAPH_FILES_PATH</b> parameter from <b>&lt;Studio Installation Path&gt;/OFS_FCCM_STUDIO/bin/config.sh</b> file.</p> <p>4. Update the <b>graph.json</b> by adding the below snippet inside the attribute <b>"error_handling"</b></p> <pre>"enable_edge_id_duplicate_check" : true, "enable_vertex_id_duplicate_check" : true, "on_duplicate_entity_id" : "log_warn"</pre> <p>Example:</p> <pre>"error_handling" : {   "on_missing_vertex" : "ignore_edge",   "on_parsing_issue" : "log_warn",   "enable_edge_id_duplicate_check" : true,   "enable_vertex_id_duplicate_check" : true,   "on_duplicate_entity_id" : "log_warn"</pre> <p>5. Save the file.</p> <p>6. Run the following command to upload the updated <b>graph.json</b>.</p> <p><b>hadoop fs -copyFromLocal &lt;Local_path of updated graph.json&gt;/graph.json &lt;Graph file path&gt;</b></p> <p>7. Restart the PGX server.</p> |
| 3 | 34445233 | <p>OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (GRAPH ETL)</p> <p>Bulk similarity job displays an error in matching service log due to which similarity edges are not getting generated.</p>                 | <p>Due to security fixes, Graph ETL issues are occurring. Please upgrade to Compliance Studio.</p>  |
| 4 | 34445314 | <p>OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (NOTEBOOK EXECUTION IN BATCH MODE)</p> <p>Notebook executor does not go to success status when the Notebook has a pgql interpreter as the last paragraph.</p> | <p>Make sure that the last paragraph is a markdown paragraph.</p>   |
| 5 | 34445342 | <p>OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (NOTEBOOKS)</p> <p>An error 404 is displayed if the Notebook contains a pgql paragraph that is opened.</p>  | <p>No Workaround</p>  |

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| 6  | 34445351 | OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (GRAPH ETL and QUANTIFIND) – IH<br><br>Quantifind paragraph displays error messages for valid customer and derived entity nodes.  | Due to security fixes, Graph ETL issues are occurring. Please upgrade to Compliance Studio. |
| 7  | 34445380 | OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (GRAPH ETL)<br><br>An error message in PGX while running Bulk Similarity job in the studio using ECM as a Datasource.   | Due to security fixes, Graph ETL issues are occurring. Please upgrade to Compliance Studio. |
| 8  | 34445396 | OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (GRAPH ETL)<br><br>Unable to expand the nodes in the Graph as it displays an error "cannot expand vertex ID."   | Due to security fixes, Graph ETL issues are occurring. Please upgrade to Compliance Studio. |
| 9  | 34445422 | OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (GRAPH ETL AND IH)<br><br>Multiple paragraphs in Investigation Hub display an error " exception java.lang.unsupportedoperatio nexception: this operation is not supported on graphs with partitioned IDs ". | Due to security fixes, Graph ETL issues are occurring. Please upgrade to Compliance Studio. |
| 10 | 34445438 | OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (REDACTION)-<br><br>For ECM Datasource, the user can see the customers in Graph even though the Business Domain/Jurisdiction is removed for that user.  | Due to security fixes, Graph ETL issues are occurring. Please upgrade to Compliance Studio. |
| 11 | 34445608 | OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (GRAPH ETL)<br><br>The user is not able to see anything in the Ruleset UI.  | Due to security fixes, Graph ETL issues are occurring. Please upgrade to Compliance Studio. |
| 12 | 34445616 | OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (GRAPH ETL)<br><br>The user is not able to see data in Manual Decisioning UI.   | Due to security fixes, Graph ETL issues are occurring. Please upgrade to Compliance Studio. |

### 8.0.8.3.2

The following table lists the known issues or limitations in this release.

| Sl. No. | Bug ID   | Known Issue or Limitation   | Workaround   |
|---------|----------|---|--|
| 1       | 34445107 | OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (GRAPH ETL)<br><br>Publish button is non-responsive for a notebook.   | Due to security fixes, Graph ETL issues are occurring. Please upgrade to Compliance Studio.  |
| 2       | 34445183 | OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (GRAPH ETL)<br><br>PGX displays an error as "invalid edge" when a user trigger Graph ETL batch for <b>Day 2</b> .                         | Perform the following steps:<br><ol style="list-style-type: none"> <li>1. Login to the Hadoop server.</li> <li>2. Run the following command to download the <b>graph.json</b> from Hadoop Server:<br/><b>Hadoop fs -copyToLocal/&lt;path in hadoop&gt;/graph.json</b></li> <li>3. Copy the path from <b>HDFS_GRAPH_FILES_PATH</b> parameter from <b>&lt;Studio Installation Path&gt;/OFS_FCCM_STUDIO/bin/config.sh</b> file.</li> <li>4. Update the <b>graph.json</b> by adding the below snippet inside the attribute <b>"error_handling"</b><br/> <pre>"enable_edge_id_duplicate_check" : true, "enable_vertex_id_duplicate_check" : true, "on_duplicate_entity_id" : "log_warn"</pre>                     Example:<br/> <pre>"error_handling" : {   "on_missing_vertex" : "ignore_edge",   "on_parsing_issue" : "log_warn",   "enable_edge_id_duplicate_check" : true,   "enable_vertex_id_duplicate_check" : true,   "on_duplicate_entity_id" : "log_warn"</pre> </li> <li>5. Save the file.</li> <li>6. Run the following command to upload the updated <b>graph.json</b>.<br/><b>hadoop fs -copyFromLocal &lt;Local_path of updated graph.json&gt;/graph.json &lt;Graph file path&gt;</b></li> <li>7. Restart the PGX server.</li> </ol> |
| 3       | 34445233 | OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (GRAPH ETL)<br><br>Bulk similarity job displays an error in matching service log due to which similarity edges are not getting generated. | Due to security fixes, Graph ETL issues are occurring. Please upgrade to Compliance Studio.  |

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| 4  | 34445314 | OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (NOTEBOOK EXECUTION IN BATCH MODE)<br><br>Notebook executor does not go to success status when the Notebook has a pgql interpreter as the last paragraph.  | Make sure that the last paragraph is a markdown paragraph.                                  |
| 5  | 34445342 | OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (NOTEBOOKS)<br><br>An error 404 is displayed if the Notebook contains a pgql paragraph that is opened.   | No Workaround   |
| 6  | 34445351 | OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (GRAPH ETL and QUANTIFIND) – IH<br><br>Quantifind paragraph displays error messages for valid customer and derived entity nodes.   | Due to security fixes, Graph ETL issues are occurring. Please upgrade to Compliance Studio. |
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| 10 | 34445438 | OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (REDACTION)-<br><br>For ECM Datasource, the user can see the customers in Graph even though the  | Due to security fixes, Graph ETL issues are occurring. Please upgrade to Compliance Studio. |

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|    |          | Business Domain/Jurisdiction is removed for that user.   |   |
| 11 | 34445608 | OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (GRAPH ETL)<br>The user is not able to see anything in the Ruleset UI.                                   | Due to security fixes, Graph ETL issues are occurring. Please upgrade to Compliance Studio. |
| 12 | 34445616 | OFS_FCCM_STUDIO (8.0.8.3.1) - ON PREM - (GRAPH ETL)<br>The user is not able to see data in Manual Decisioning UI.                                | Due to security fixes, Graph ETL issues are occurring. Please upgrade to Compliance Studio. |
| 13 | 34805670 | OFS_FCCM_STUDIO (8.0.8.3.2) - ON PREM - (NOTEBOOK)<br>An error message is displayed in notebook while executing interpreters for the first time. | This error is displayed only for the first time. User can re-run the paragraph to proceed.  |
| 14 | 34805870 | OFS_FCCM_STUDIO (8.0.8.3.2) - ON PREM<br>The user is able to create templates with same name.  | User should avoid creating templates with same name to avoid confusion.                     |