

Oracle® Financial Services Compliance Studio Release Notes



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Oracle Financial Services Compliance Studio Release Notes, Release 8.1.3.1.0

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Document Control

The following table lists document control of this guide.

Table Document Control

Version Number	Revision Date	Change Log
8.1.3.1.0	April 2026	Updated the following sections: <ul style="list-style-type: none">New Features in This ReleaseKnown Issues and Limitations
8.1.3.0.0	September 2025	Updated the following sections: <ul style="list-style-type: none">New Features in This ReleaseKnown Issues and Limitations

Preface

This section provides information on the Oracle Financial Services (OFS) Compliance Studio Release Notes.

Audience

This document is intended for users of OFS Compliance Studio, Release 8.1.2.9.0.

Related Documents

This section identifies additional resources to the OFS Compliance Studio. You can access additional documents from the [Oracle Help Center](#).

Documentation Accessibility

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Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which user supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that user enter.

Comments and Suggestions

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Introduction

OFS Compliance Studio is an advanced analytics application that supercharges anti-financial crime programs for better customer due diligence, transaction monitoring, and investigations by leveraging the latest innovations in artificial intelligence, open-source technologies, and data management. It combines Oracle's Parallel Graph Analytics (PGX), Machine Learning for AML, Entity Resolution, Model Management and Governance, notebook-based code development and enables Contextual Investigations in one platform with complete and robust Model Management and Governance functionality.

Capabilities Offered by Compliance Studio

Compliance Studio has inbuilt advanced analytics for fighting financial crime on a robust platform that also allows for management and governance of user defined models and close integration with the Oracle Financial Services Crime and Compliance Management suite of applications.

- **Specific Use Cases for Financial Crime**
 - Behavioral ML models and Custom rules-based scenario frameworks for identifying suspicious patterns of behaviour and generating alerts for review
 - Sanctions and AML Event Scoring for false positive prediction and disposition
 - Automated Scenario Calibration and Scenario Conversion Utility for Oracle AML Scenarios
 - Customer Risk Scoring
 - Customer Segmentation and Anomaly Detection
 - Typology Detection
 - Pre-engineered features and transformations to address each use case
 - Simplified APIs for each stage of the modeling lifecycle
 - Leverage the power of Graph, Supervised ML, and Unsupervised ML to build typology detection models, detect anomalies, and risk score customers or events
 - Ongoing Monitoring of Model Performance and Concept Drift
 - **AMLES–ECM integration:** Added the configuration set **AutEscalate** and **AutClosecutoffs** for ECM.
 - **ASC Statistical Analysis Enhancements**
 - * **Automatic threshold set selection by country:** ASC now automatically selects all applicable threshold sets when you choose a country, reducing manual configuration.
 - * **Overlay analysis notebook:** Added an Overlay Analysis notebook to support guided analysis and review.
 - * **Automatic ATL/BTL partitioning:** Data generated from floor threshold sets is now automatically split into ATL and BTL for easier downstream analysis.

- * **Staggered tuning for lower-level parameters:** Enhanced parameter tuning with a staggered tuning approach to improve usability and tuning efficiency.
- * **Manual threshold copying:** Removed the need to manually copy threshold sets within ASC.
- * **Multi-workspace SCU support:** Added support for Scenario Conversion Utility across multiple workspaces.
- **The following specific use cases are supported by the ML Foundation for Financial Crimes**
 - Integrated with Oracle Financial Crime Application Data and readily usable across the enterprise financial crime data lake
- **Entity Resolution for Detection and Investigations**
 - Entity Resolution to enhance monitoring effectiveness and provide a single customer view
 - Linking and Resolution across internal and external data to improve single entity detection and enhance investigations
 - Allows for Scenario/Model detection across internal data
 - Multi-attribute enabled with ML boosts for Name/Address models
 - Prebuilt Integrations and easily configurable for Data Sources like ICIJ, Safari, etc
- **Graphs**
 - Graph Pipeline feature allows you to view the data relationships in a graphical format.
 - Graph Analytics will give Financial Institutions the ability to monitor the data financial institutions effectively. The data is organized as nodes, relationships, and properties (property data is stored on the nodes or relationships). The results of analytics algorithms are stored as transient properties of nodes and edges in the Graph.
- **Model Management and Governance**
 - End-to-end management from model creation to model deployment
 - * Data Ingestion (Oracle DB, Graph, Hive)
 - * Model Development
 - * Supports virtually all open source packages, interpreters, etc.
 - * Process in Database or Big Data
 - * Model Training
 - * Model Performance Evaluation
 - * Model Explainability
 - * Model Tracking and Audit
 - * Approval Mechanisms
 - * Model Deployment
 - * Scheduling
 - * Ongoing Monitoring
 - * Analytics of Choice
 - * Choose from our proprietary models or bring your own
 - * Fully embedded Graph Analytics Engine and Financial Crime Model

- * Embedded with a highly scalable in-memory Graph Analytics Engine (PGX)
- * Industry's most intuitive Graph Query Language to gain rapid insights
- **Analytics of Choice**
 - Choose from our proprietary models or bring your own
 - Fully embedded Graph Analytics Engine and Financial Crime Model
 - Embedded with a highly scalable in-memory Graph Analytics Engine (PGX)
 - Industry's most intuitive Graph Query Language to gain rapid insights
- **Integrated with Oracle Financial Crime and Compliance Applications**
 - Fully defined and sourced Financial Crime Graph Model supporting detection and investigation
 - Integration with ECM and Investigation Toolkit to provide meaningful guidance to investigators for rules-based and ML-generated alerts
 - Enterprise-ready and compatible with the underlying OFSAA framework
 - Works with earlier 8.0.x releases of Oracle Financial Crime and Compliance Management Anti Money Laundering (AML), Enterprise Case Management, and Fraud applications

New Features in This Release

The following new features are incorporated in this release CS 8.1.3.1.0.

The application now has the following features and capabilities:

- **Installer and Configuration**
 - **Installer defaults optimized for higher load:** Default installation values for connection pools, thread pools, job cleanup, and session timeouts have been tuned to better support increased concurrency.
 - **Standardized configuration properties (migration required):** Configuration properties have been reorganized and reclassified with standardized prefixes (for example, MMG_ and AAI_) and grouped by service for clarity and stability.
- **Security and Governance**
 - **API Registry:** Added support for basic authentication actions.
 - Unified session-based identity management: UI REST requests now derive user identity from the active authenticated session, removing legacy re-authentication prompts and strengthening governance controls.
 - **More granular access control:** Oversight capabilities (Health Dashboard, Model Report, Data Management) are now decoupled from broad administrative roles (for example, Health Dashboard no longer requires the Identity Admin role), improving separation of duties.
- **User Experience and Auditing**
 - **File Manager enhancements:**
 - * Enhanced auditing for all file operations.
 - * Folder bookmarking (favorites) for quick access.
 - * Opens the last accessed directory by default.
 - **Workspace auditability:** Audit Trail now captures workspace-related operations.

- **Notebook review improvements:** Paragraph-level comments are now supported in notebooks and are captured in the audit/review process.
- **Pipelines, Datasets, and Model Lifecycle**
 - **Datasets:** Push down filtering implemented in the dataset widget within pipelines.
 - **Model Pipelines:**
 - * Pull/push objectives or drafts across workspaces.
 - * User-level restriction for self-approval of model deployments.
 - * Session-based filtering in executions with access to the session notebook view.
 - * Canvas validation to detect cyclic loops with options to highlight cycle-causing links and flatten execution order based on notebook order.
 - * New widget for windowed computations(tumbling/sliding) with configurable processing of Kafka event streams.
 - * In the pipeline, EDA widgets are added for data profiling (distributions, missing values, outliers).
 - **Bench marking and pipeline comparison expanded:** compare any model against other pipelines within an objective/sub-objective and view latest execution results.
 - **Traceable node-level execution:** Execute individual pipeline nodes using a custom session for focused, auditable testing.
- **Operational Efficiency and Administration**
 - **Asynchronous Conda environment provisioning:** Environment builds (YAML upload or UI) now run in the background, keeping the UI responsive.
 - **Unified model management script:** Consolidated shell utility for importing/exporting/retiring models and managing parameter sets.
 - **Execution and monitoring utility:** New internal script-based utility to execute and monitor processes without using a separate scheduler interface.
 - **Scheduler time zone configuration:** Installation now supports setting a preferred scheduler UI time zone (no longer UTC-only).
- **Performance Improvements**
 - Reduced calls and time required for workspace attachment during notebook initialization, lowering latency.
 - Improved First Content Paint (FCP)by reducing synchronous client-server calls and using asynchronous AJAX calls.
 - **GZIP compression:** Up to 90% compression for eligible responses to reduce bandwidth usage. Images are also optimized across modules to reduce network overhead.
- **Technology Stack and Dependencies**
 - The Conda environment registry now supports Python versions 3.10 through 3.12.
 - **Python upgrade:** Updated Python 3.12.11.
 - **Model Catalog visualization resilience:** Scoring/visualization flow improved as graphs still render even when some metrics (for example, ROC/AUC) cannot be computed; unavailable metrics show neutral values with clear messages.
- **Automated Scenario Calibration (ASC) Enhancements**

- **ASC production workflow coverage:** BTL analysis is now supported as part of the ASC production workflow.
- **ASC notebook enhancements:**
 - Added a **Download Recommendations** notebook to provide a unified view of all available versions after analysis, with the ability to download recommendations.
 - **Centralized threshold set management:** Threshold set management is now incorporated into ASC centralize threshold versioning and scenario management with audit-ready lineage.
- **Expanded staggered tuning coverage:** Staggered Tuning Analysis has extended support for BTL analysis.
- **Entity Resolution**
 - Added support for using Oracle Text for out-of-box (OOB) and custom rules, eliminating the need to deploy additional Open Search infrastructure for candidate selection.
 - **Improved logging for high-volume processing:** Enhanced logging and run time improvements for ER Job 1 to provide clearer progress and diagnostics and shorter batch times when processing large data volumes.
 - **ER Job 3 performance enhancements:** Implemented performance improvements to reduce runtime and improve throughput for ER Job 3.
 - **Persist ER job parameters:** ER job parameters are now persisted to improve repeatability and reduce the need for reconfiguration between runs.
 - **Skip Open Search index validation after refresh (CS8125):** Added an option to skip Open Search index validation after an ER refresh run to reduce post-run overhead where validation is not required. (Verify this aligns with your organization's operational and governance requirements before enabling.)
 - **Expired record cleanup in staging tables:** Improved handling of expired records as they are no longer retained unexpectedly in the following:
 - * H\$STG_PARTY_ADDRESS_MAP_PRE
 - * H\$STG_ADDRESS_MASTER_PRE
 - **Data Survival job enhancement:** Updated the ER Data Survival job to compute modified global parties, and improve downstream accuracy and traceability.
- **Data and Integration**
 - **Consolidated AML Event Layer:** Introduced a consolidated AML event layer to standardize event handling across AML workflows.
- **Data Survival job enhancement:** Updated the ER Data Survival job to compute modified global parties, and improve downstream accuracy and traceability.

Installing the Release

For detailed instructions on installing the release, see the [OFS Compliance Studio Installation Guide](#).

Known Issues and Limitations

The following tables lists the Known Issues and Limitations in this release.

Table 1-1 Graph

S.No	Bug ID	Known Issues and Limitations	Workaround
1	35564509	ECM Graph - When a graph pipeline task fails and user "restarts" the run, the failed tasks throw "invalid table name" error.	User needs to schedule a new batch with all the failed tasks and re-execute
2	35953859	Unable to fetch Match Rule and Refresh Graph runtime parameters in schedule configurations UI.	NA
3	36993405	Job Monitor UI shows the Match rule job as failure even though the batch is in progress in the backend.	NA
4	36779972	Customer to External Entity similarity edges are not visible in graph. Approve action from Manual Decision UI does not work.	NA
5	36977898	Unable to create edges between widgets inside Graph Definition UI.	Drag and drop the widget towards the right hand side of the UI and then create the edge
6	39224713	PGX session creation fails when loading subgraph	Restart PGX server
7	39200720	Graph not loading on Manual Decisioning page	NA
8	39239765	Reject button missing and Approve button misaligned in Pending Approval tab for approver users	NA

Note

It is Beta functionality with Matching Mechanism as Oracle Text (OT).

Table 1-2 Entity Resolution

S.No	Bug ID	Known Issues and Limitations	Workaround
9	36376217	ER Job 1 fails with deadlock error Intermittently when the Delta Computed is set to False.	Re-run the Entity Resolution Job 1
10	39172055	Entity Resolution Job2 gets stuck when MDM ID contains special characters	Exception of special characters: ** ^ % \$ & ~ *
11	39172132	Entity Resolution Transliteration matches not generated as expected	NA

Table 1-3 Notebook Server and Interpreters

S.No	Bug ID	Known Issues and Limitations	Workaround
12	36376426	The "Data Studio Options" menu is not visible for a particular user if the "IDENTITY ADMIN" and "IDENTITY AUTH" groups are not assigned.	Add "IDENTITY ADMIN" and "IDENTITY AUTH" groups for the user, which should show Data Studio options.

Table 1-4 ML4AML Use Case

S.No	Bug ID	Known Issues and Limitations	Workaround
13	35872579	Scenario execution fails because the default python environment is attached to the notebook.	To avoid this issue, follow these steps: <ol style="list-style-type: none"> 1. User has to navigate to the newly imported AML scenario notebook. 2. Attach the proper Python Runtime environment with the session. The recommended value for the Python Runtime environment is default_<version>. For more information, see Trigger Scenario Execution section in the OFS Compliance Studio Use Case Guide.
14	36373103	Failure in model fit for a model when parameters "feature_include", and "feature_must_include" are not None and control parameter "find_linear_combos =True".	To work, set parameter "find_linear_combos" = False.
15	37808107	Anomaly Scoring with PCAREC Technique is failing for KM, AGNES, and DBSCAN.	NA
16	37814999	Unsupervised Model - Getting an error while executing the DBSCAN deviation scoring logic with LDCAF and CBLOF technique.	NA
17	38576276	CEL deployment fails if the same schema and workspace names are used.	NA
18	39097004	The widgets are not pre-loaded and the values do not persist.	
19	39130564	Notebook does not get imported	Create threshold sets by using the threshold notebooks in the respective AML converted scenario.

Table 1-4 (Cont.) ML4AML Use Case

S.No	Bug ID	Known Issues and Limitations	Workaround
20	39172374	ATL not populated back on reset in staggered	NA
21	39183856	The staggered tuning updates fail.	NA
22	39125448	The threshold sets do not load correctly.	Select the specific version of the definition in the notebook instead of <i>None</i> . This will result in the threshold sets loading successfully.
23	39232743	The workspaces are not listed after upgrade.	<p>Perform either of the following steps:</p> <ol style="list-style-type: none"> 1. Execute the Bulk_Threshold_Upload_ASC batch to download a threshold set. For more information, see the How to Upload Thresholds in Bulk for ASC section in the Use Case Guide. 2. The workspace will get created once the batch is executed. <p>Or</p> <ol style="list-style-type: none"> 1. Click the File Manager icon on the Studio home page. 2. Navigate to <code>mmg</code> and then create a folder with workspace name.

Table 1-5 User Activity

S.No	Bug ID	Known Issues and Limitations	Workaround
24	35953842	Data studio's dynamic forms "Drop down" gives error	Invalidate the session and execute the notebook again.
25	36975766	User Login - support of user id that contains space and comma.	In IDCS configuration, SSO Attribute "username" should be the "lastname"

Table 1-5 (Cont.) User Activity

S.No	Bug ID	Known Issues and Limitations	Workaround
26	37008227	Schema Creation Fails - Cannot Reuse the Same Name.	Create workspace with new name
27	38171370	The authZType parameter is not being replaced in the application.yml file, and direct login to Data Studio is also not working.	<p>To resolve this issue, follow these steps:</p> <ol style="list-style-type: none"> 1. Navigate to the <COMPLIANCE_STUDIO_INSTALLATION_PATH>/deployed/mmg-home/mmg-studio/conf directory. 2. Open the application.yml file. 3. Under the saml configuration section, add the following line. authZType: "<SAML/AAI>" <p>Note:</p> <ul style="list-style-type: none"> • If Data Studio retrieve mapped groups from AAI, set authZType to AAI. • If Data Studio retrieve mapped groups from IDCS, set authZType to SAML. <ol style="list-style-type: none"> 4. Navigate to the <COMPLIANCE_STUDIO_INSTALLATION_PATH>/mmg-home/mmg-studio/conf directory 5. Open the application.yml file and repeat the same change made in the Step 3.

Table 1-5 (Cont.) User Activity

S.No	Bug ID	Known Issues and Limitations	Workaround
28	39222119	New users unable to log in directly to Data Studio without prior CS login when the authentication is SAML and authorization is AAI.	The user has to login to compliance studio first and then log in to data studio.

Table 1-6 Scenario Conversion Utility

S.No	Bug ID	Known Issues and Limitations	Workaround
29	35943957	Scenario Conversion Utility - The Events are not getting generated for these(ML/AC) Networks of Accounts, Entities, and Customers, (ML/AC) Escalation in Inactive Account scenarios.	NA

Table 1-7 Investigation Toolkit

S.No	Bug ID	Known Issues and Limitations	Workaround
30	37876400	The case merge utility does not update the metadata tables during a "concat" operation.	NA

Table 1-8 Data Transformation Pipeline (DTP)

S.No	Bug ID	Known Issues and Limitations	Workaround
31	39194770	Deployment fails for DTP service due to certificate issue in job from compliance studio when installation is triggered .	<p>You must manually import the certificate:</p> <ol style="list-style-type: none"> 1. Navigate to the following path: / OFS_COMPLIANCE_STUDIO/ deployed/mmg-home/mmg-dtp/dtp-pipeline/dtp-data-metadata-job/bin 2. Execute the following command: ./import.sh 3. Navigate to the following path: / OFS_COMPLIANCE_STUDIO/ deployed/mmg-home/mmg-dtp/dtp-pipeline/dtp-scenario-metadata-job/bin 4. Execute the following command: ./import.sh
32	39194727	Highlights for DTP are not getting populated in the event details page after batch and simulation execution	NA
33	39085322	DTP admin notebook execution failure.	NA

Table 1-8 (Cont.) Data Transformation Pipeline (DTP)

S.No	Bug ID	Known Issues and Limitations	Workaround
34	39194405	Connection leakage issue with the DTP pipeline service.	<ol style="list-style-type: none"> Restart the DTP service Navigate to the following path: / OFS_COMPLIANCE_STUDIO/mmg-home/mmg-dtp/dtp-pipeline/dtp-pipeline-service/bin Execute ./shutdown.sh and then ./start.sh
35	39160456	Compliance Studio: DTP configuration deployment fails due to column size limit (AAICL_SS_BATCH_URL)	Manually update the column length of V_URL of the AAICL_SS_BATCH_URL table if the URL exceeds more than 100 characters.

Table 1-9 Installation

S.No	Bug ID	Known Issues and Limitations	Workaround
36	39014010	Installer: ancestors value from config.sh not propagated to application.yml after update	Manually update the URLs in the application.yml under deployed location of mmg-studio in the frame-ancesters parameter.
37	39233599	MMG_MENU table not updated after running Compliance Studio Update	Manually update the URL in the MMG_MENU table.

2

Hardware and Software Tech Stack Details

For more details on the Hardware and Software combinations, see *Oracle Financial Services Analytical Applications Technology Matrix* available in the [OHC Tech Stack](#).

3

Licensing Information

Licensing Information for details on the third-party software tool used, see the *OFSAALicensing Information User Manual Release* available in the [Licensing Information User Manual](#).