Oracle Financial Services
Behavior Detection Application Pack

Release Notes

Release 8.1.2.8.0

August 2024

ORACLE®
Financial Services

OFS BEHAVIOR DETECTION RELEASE NOTES

Document Control

Table 1 lists the document control.

Table 1: Revision History

Revision Number	Revision Date	Change Log
1.0	August 2024	The initial version for 8.1.2.8.0.

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1   Preface

This preface provides supporting information for the Oracle Financial Services Behavior Detection Application Pack Release Notes.

Topics:

- Purpose of This Document
- Intended Audience
- Related Documents
- Documentation Accessibility

1.1   Purpose of This Document

This document contains release information for the following products:

- Oracle Financial Services Anti Money Laundering
- Oracle Financial Services Trade Based Anti Money Laundering
- Oracle Financial Services Common Reporting Standards
- Oracle Financial Services Currency Transaction Reporting
- Oracle Financial Services Enterprise Fraud Management
- Oracle Financial Services Know Your Customer
- TBAML Administration Guide
- TBAML Data Model Guide
- TBAML Technical Scenario Description Guide
- Oracle Financial Services Crime and Compliance Management Analytics

1.2   Intended Audience

This document is intended for users of the Oracle Financial Services Behavior Detection Application Pack, specifically those interested in a broad overview of the new features in this release. Additionally, this document is provided for those who want to know specifically which issues or change requests from the previous release have been resolved, which scenarios have been impacted by any changes, and which issues remain.

1.3   Related Documents

This section identifies additional documents related to OFS BD Application Pack. You can access the following documents from the OHC library:

- OFS Behavior Detection Application Pack Installation Guide
- OFS Behavior Detection Application Pack User Guide

This release includes the following additional related documents:

- Administration Tools User Guide
- Anti-Money Laundering Technical Scenario Description
- Behavior Detection Administration Guide

- Behavior Detection Configuration Guide

- Behavior Detection Data Interface Specification

- Behavior Detection User Guide

- Common Reporting Standard Administration and Configuration Guide

- Common Reporting Standard User Guide

- Currency Transaction Reporting Administration and Configuration Guide

- Currency Transaction Reporting Technical Scenario Description

- Currency Transaction Reporting User Guide

- Financial Services Data Model Reference Guide Volume 1: Business Data

- Financial Services Data Model Reference Guide Volume 2: Oracle Financial Services Data

- Fraud Technical Scenario Description

- Glossary of Financial Crimes and Compliance Management Products

- Know Your Customer Administration Guide

- Know Your Customer Data Model Reference Guide

- Know Your Customer Risk Assessment Guide

- Know Your Customer Service Guide

- TBAML Administration Guide

- TBAML Data Model Guide

- TBAML Technical Scenario Description Guide

- Scenario Manager User Guide

- Security Guide

- Services Guide

- Oracle Financial Services Analytical Applications Technology Matrix

1.4 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website.

2   Introduction

In terms of regulatory reporting, financial institutions feel increasingly boxed in. The number, frequency, and complexity of reports continue to spiral, especially for global financial institutions. At the same time, regulators strongly encourage firms to spend more time on analysis and review, such as the US Federal Reserve's guidance that financial institutions spend 80% of the time allocated for regulatory reporting on analytics/reviews and 20% on data compilation. Financial institutions also continue to struggle with data aggregation and quality, and, in many cases, the last stages of reporting are often a largely manual process.

While facing growing regulatory costs and complexity, financial services organizations struggle to realize the positive impact of more rigorous reporting requirements. As a result, they are compiling significantly more data for reporting purposes. Still, they do not have adequate time and resources to fully analyze and gain new insight from this data – translating to a missed opportunity.

The Oracle Financial Services Behavior Detection Applications Pack includes the following applications:

- Financial Services Analytical Applications Infrastructure: This application streamlines analysis using a set of tools for data management and security administration and creates a single, consistent, enterprise-wide source of all relevant customer and financial data.

- Financial Services Behavior Detection: The multiple applications within the Financial Services Behavior Detection platform enable financial institutions to meet their regulatory reporting requirements as part of an integrated financial crime and compliance management approach. It helps reduce compliance costs and manage potential exposures.

- Oracle Financial Services Behavior Detection (BD) provides automated, comprehensive, and consistent surveillance of all accounts, customers, correspondents, and third parties in transactions, trades, and orders across all business lines. The application allows organizations such as banks, brokerage firms, and insurance companies to monitor customer transactions daily, using customer historical information and account profiles to provide a holistic view of all transactions, trades, orders, and other activities. It also allows organizations to comply with national and international regulatory mandates using an enhanced level of internal controls and governance. Behavior Detection is a common platform that supports the following OFSAA products:

- Anti-Money Laundering Enterprise Edition (AML EE) monitors transactions to identify possible money-laundering activities. These scenarios consider whether the geographical location or entities involved warrant enhanced scrutiny; monitor activity between accounts, customers, correspondents, and other entities to reveal relationships that could indicate efforts to launder funds; address sudden, significant changes in transaction activity that could indicate money laundering or fraud; and detect other types of activities that are considered potentially suspicious or indicative of money laundering.

- Oracle Financial Services Trade-Based Anti Money Laundering (TBAML) monitors transactions to identify possible trade-based money laundering activities. The product enables comprehensive monitoring of various trade finance contracts during the life of a contract and the trade finance customers and involved parties and facilitates detection of suspicious activity and proactive investigation and reporting of trade-based money laundering (TBML) activities.

- Know Your Customer (KYC) assesses the risk associated with a customer by considering different customer attributes and enables financial institutions to perform Due Diligence, Enhanced Due Diligence, and continuous monitoring of customers. Cases generated in Know Your Customer can be managed within Enterprise Case Management to track investigations until they have been resolved or reported to the appropriate regulatory authorities.

- Enterprise Fraud Management (EFM) detects behaviors and patterns that evolve over time and may indicate sophisticated, complex fraud activity. These scenarios monitor check and deposit/

withdrawal activity, electronic payments, such as funds transfer and payments completed through clearing house (ACH) mechanisms, and ATM and Bank Card to identify patterns of activities that could indicate fraud, counterfeiting or kiting schemes, identity theft or account takeover schemes. Fraud scenarios also monitor employee transactions to identify situations in which employees, acting as insiders, take advantage of access to proprietary customer and account information to defraud the financial institution's customers.

- Currency Transaction Reporting (CTR) analyzes transaction data from the organization and identifies any suspicious activities within the institution that may lead to fraud or money laundering and must be reported to the regulatory authorities. Currency Transaction Reports (CTRs) are created either at the branches or through the end-of-day files, where the CTR application aggregates multiple transactions performed at the branch, ATMs, and Vaults. Oracle Financial Services Currency Transaction Reporting helps the organization file the CTR online with the US Financial Crimes Enforcement Network (FinCEN) using a discreet form or uploaded in a batch form in a specific text file format.

  CTR alerts are automatically processed and converted into CTR reports or Monetary Instrument Log reports which can be worked through the CTR user interface.

NOTE	Oracle Financial Services Currency Transaction Reporting product only applies to North American regulations, specifically US regulatory requirements.

3   Oracle Financial Services Behavior Detection

This chapter describes the new features, bugs addressed, and known issues in this release of OFS Behavior Detection.

Topics:

- New Features in This Release
- Bugs Fixed in This Release
- Limitations and Known Issues
- Additional Information

ATTENTION	If you are upgrading from a prior release to 8.1.1 or later, please note that the dispositioning of alerts through Alert Management (AM) is no longer supported. AM can be used only to verify the output of Behavior Detection scenarios and is no longer used for alert review. By using AM for dispositioning alerts, customers will be out of compliance with their support contract.
	The Event Correlation module in Enterprise Case Management (ECM) should be used to correlate events from the FCCM Behavior Detection engine or those ingested from external applications. Customers are required to use ECM for reviewing and investigating alerts. A restricted use license of ECM is provided with the BDF license, which replicates the functionality available in AM to the best that is currently available within ECM. Implementations should use the available batch processes to automatically move Alerts from BDF into ECM, where correlation rules will promote them to a case. From the case, all levels of investigation can occur. If this updated process is not clear to your implementation team, you should contact Oracle Partner Network or Oracle Consulting to be trained.
	As of June 8th, 2021, the following Financial Crimes and Compliance Applications are no longer offered by Oracle Financial Services. These products are not supported on release 8.1.1.1 and later versions: • Oracle Financial Services Trading Compliance • Oracle Financial Services Trading Compliance Enterprise Edition • Oracle Financial Services Broker Compliance • Oracle Financial Services Broker Compliance Enterprise Edition • Oracle Financial Services Trade Blotter

3.1 New Features in This Release

Topics:

- AML
- KYC

3.1.1 AML

The following are the AML-related new features/enhancements for OFS Behavior Detection Release 8.1.2.8.0:

1. **Threshold Simulation Enhancement**: Distinguish the match generated by Test ThresholdFunctionality with the match generated by daily batch: when using the "test threshold" button in the simulation UI (in production or pre-production environment), the match generated will have domain code as 'TST', whereas the regular matches will have domain code as 'MTS' in KDD_REVIEW table. This allows clients to test thresholds directly in production environment without impacting production alerts displayed to analysts.

2. **Identification of Entity Update in Delta Load**: LAST_ACTVY_DT column has been added in three additional Business tables - Account, Customer and Institution master tables - so that clients using delta load can easily identify which entities have been updated, and use the most up-to-date information related to these entities in downstream calculations and display e.g. correlation and case creation in ECM.

3. The following scenarios were redesigned from Sequence Algorithms to Rule Algorithms for better performance:

   Patterns of Sequentially Numbered Checks, Monetary Instruments – Account Focus

   Patterns of Sequentially Numbered Checks, Monetary Instruments – Client Bank Focus

Table 1: Sequence Algorithms to Rule Algorithms

Old Scenario	New Scenario
ML-ChkMISequentialNumber.114000071.xml (AC focus)	ML-ChkMISequentialNumber.118860034.xml
ML-ChkMISequentialNumber.114000065.xml (CB focus)	ML-ChkMISequentialNumber.118860035.xml

> **NOTE** The old scenario file has been replaced by the new one listed above, for scenario technical performance purposes. There is no change in the alert generation, filters, data streams of interest, parameters, scenario configuration, building blocks, highlights, frequency, and lookup period.

4. Additional configuration options have been enabled for the following scenarios for enhancing performance:

   - 118860005 - (ML/CU) Hub and Spoke
   - 118860014 - (ML/EN) Hub and Spoke
   - 114000082-(ML/EN) Patterns of Recurring Originators/Beneficiaries in Funds Transfers

For more information, see the *Performance Tuning of Scenarios* section in OFS Behavior Detection Installation Guide 8.1.2.8.0.

5. The scenario wizard has been decommissioned from 8.1.2.6.0. For more information, see Additional Information.

3.1.2 KYC

The following are the KYC-related new features/enhancements for OFS Behavior Detection Release 8.1.2.8.0:

1. **Audit History**: Audit history for application parameters and installation parameters is supported in this release.

2. **Enhancement in Risk Assessment UI**: Risk Assessments with Open status (Status key = 13) are now displayed in Risk Assessment UI for KYC analysts to view.

3. **Risk Assess Primary Customers Based on AML Case Closure Action**: New feature has been added in KYC application to risk assess primary customers as part of KYC daily batch for whom AML cases are closed with action as Close & Generate SAR. This feature can also be extended for other types of case closure.

4. **Enhancement in KYC Assessment Search and List UI**: The Created From and Created To fields are now mandatory in the UI for risk assessment search. If the user does not fill in the Created To field, system will by default take the current date for the same.

5. **Support for Token-based Authentication**: KYC Real-Time RAOR API & Feedback API now support token based authentication.

6. **Enhancement for Customer Details Pop-up in KYC Assessment Search and List UI**: Customer details are now dynamically populated with proper profile attributes based on the entity type, namely Individual (i.e. IND) and legal entity (i.e. ORG & FIN) for the selected risk assessment record.

3.2 Bugs Fixed in This Release

Table 2 lists the bugs that have been fixed in OFS Behavior Detection Release 8.1.2.8.0.

Table 2: Resolved Issues

Component	Bug ID	Description
BD	36363105	Performance Issue with Some Scenarios. The following four scenarios were enhanced for better performance: - ML-HubAndSpoke.118860005.xml - ML-HubAndSpoke.118860014.xml - ML-RapidMvmtFundsAllActivity.116000079.xml - ML-FTNCuEnExternal.114000078.xml
BD	36966387	BD Table Degree Set to be 1 for all Tables.
BD	36896262	Anticipatory Profile – Income (Cu) | Filter Issue.
BD	36834204	HRG (Scenario_ID = 118860022) Transaction Count in Highlights Does not Match Transaction Count in Alert.

Table 2: Resolved Issues

Component	Bug ID	Description
BD	36818690	Addition of the Filter Exclude Exempted External Entities to Some Scenarios.
BD	36773301	Issue with Nullable Fields in ML-CIBHRGACTIVITY.116000087.xml.
BD	36556776	Update Name of the Parameter in Early Payoff or Paydown of a Credit Product CU Focus.
BD	36533316	118860034 - (ML/AC) Patterns of Sequentially Numbered Checks, Monetary Instruments - Functional Values Getting Captured in Highlights on SCNRO Generated for Base Currency.
BD	36528628	EE and Related Party Roles Issue for Cash Transactions.
TBAML	36260978	Address Column in Import Letter of Credit Contract Party is Null Even Data is Present.
KYC	36480743	After performing promote to case, Case ID is not reflecting in Risk Assessment grid.
KYC	36422244	Records per page getting allows decimal value.
KYC	36486185	Maximum 17 Records Displayed- Pagination Issue.
KYC	36533496	Unable to save risk score changes.
KYC	36551882	Search by multiple Risk Assessment IDs hanging when using a space.

3.3 Limitations and Known Issues

There no known issues/limitations in OFS Behavior Detection Release 8.1.2.8.0.

3.4 Additional Information

- Scenario Wizard is decommissioned with the 8.1.2.6.0 release. In the Scenario Wizard folder of the 8128 Installer Package, the associated configuration files are deleted. Due to deletion constraints, the Scenario Wizard folder can still be seen at path *<$FIC_HOME/ficweb>*. This will be removed in next major installer release.

- If you are upgrading from 8.1.2.5.0 or an older version, Scenario Wizard will still remain in the deployed area. Since Scenario Wizard is no longer supported from 8.1.2.6.0, you must delete the Scenario Wizard war and jar files by following these steps:

  - Navigate to: `#deployed_area/SMLiteWeb` and delete `SMLiteWeb.war`
  - Navigate to: `#deployed_area/SMLiteWeb/WEB-INF/lib` and delete all the jar files
  - Navigate to: `#deployed_area/SMLiteWeb/lib` and delete all the jar files

- As of now, Behavior Detection 8.1.2.8.0 supports HTTPS 1.1 and does not support HTTPS 2.0.

4 Oracle Financial Services Analytical Applications Infrastructure

For more information on new features, resolved issues, or the known issues/limitations of Oracle Financial Services Analytical Applications Infrastructure, see the Oracle Financial Services Analytical Applications (OFSAA) documentation.

5   Hardware and Software Tech Stack Details

The hardware and software combinations required for OFS BD 8.1.2.8.0. are available in the OHC Tech Stack.

6 Licensing Information

For details on any third-party software tools used, see the *OFSAA Licensing Information User Manual Release 8.1.2.0.0,* available in the OFSAA Generic Documentation Library.

OFSAA Support Contact Details

Raise a Service Request (SR) in My Oracle Support (MOS) for queries related to OFSAA applications.

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- Is the information clearly presented?

- Do you need more information? If so, where?

- Are the examples correct? Do you need more examples?

- What features did you like most about this manual?

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