

Oracle® Financial Services

Behavior Detection Application Pack Release Notes



Release 8.1.2.12.0

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Oracle Financial Services Behavior Detection Application Pack Release Notes, Release 8.1.2.12.0

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About This Content

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

Purpose

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
- Oracle Financial Services Crime and Compliance Management Analytics

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.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Related Resources

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
- 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 Crimes Data Model Reference Guide Volume 1: Business Data
- Financial Crimes 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
- Scenario Manager User Guide
- Security Guide
- Services Guide
- Oracle Financial Services Analytical Applications Technology Matrix

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 you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

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Sequence Scenario Design Tips

The following tips can be helpful when working with scenarios:

- Select an unusual occurrence to serve as the initial event in a pattern whenever possible. Doing this reduces the number of match states (partial matches) that are created during a run.
- Limit the rows retrieved in the datasets used by a pattern. Specifically, if certain records cannot satisfy the pattern criteria, apply logic to filter them out up-front. If certain detection conditions can be checked in the dataset, it is generally more efficient to allow the database to filter them out rather than applying this logic in the pattern. It is also helpful to determine the appropriate lookback period range that is necessary to identify the behaviors of interest. Thus, the patterns do not look through a larger volume of historical data than is really necessary.
- Use dataset sorting to the maximum extent possible. To optimize performance, sort records that are used together to form an alert into adjacent positions in the dataset. For example, if a pattern is looking for a behavior within one account, sort the datasets it uses so that the records are clustered together by account. Doing this minimizes the volume of data through which the pattern must search to find a match, and reduces the number of partial matches that are held in memory at any one time.

For more information about guidelines and design tips see [Scenario Design Guidelines](#).

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Oracle Financial Services Behavior Detection

Learn about the new features, bugs addressed, and known issues in this release of OFS Behavior Detection.

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- [Bugs Fixed](#)
- [#unique_6](#)

Note

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 What's New in Behavior Detection 8.1.2.12.0

New, changed, and deprecated features of Oracle Behavior Detection are described, with pointers to additional information.

Topics:

The following sections list the new features included in this release:

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- [Other Noteworthy Features](#)

Anti Money Laundering

The following table describes AML-related new features/enhancements for OFS Behavior Detection Release 8.1.2.12.0:

Feature	Description
Scenario bindings enhancements	The following scenarios have been enhanced to capture additional bindings: • Structuring: Deposits/Withdrawals of Mixed Monetary - Customer focus • CIB: Significant Change from Previous Average Activity - Customer focus – Early Payoff or Paydown of a Credit Product - Customer focus

Other Noteworthy Changes

Note

As of now, Behavior Detection 8.1.2.12.0 supports HTTPS 1.1 and does not support HTTPS 2.0.

Scenario Wizard is decommissioned with the 8.1.2.6.0 release. In the Scenario Wizard folder of the 8129 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:

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

3.2 Bugs Fixed

This section describes the issues which were resolved in this release.

Table 3-1 Bugs Fixed

Component	Bug ID	Description
CTR	39532040	EXPORT BUTTON AT ALERT SEARCH AND LIST PAGE IS NOT WORKING.
CTR	39531866	SOME EXTRA SPACE IS COMIN IN SUMMARY GRID IN OJET SCREEN.
CTR	39500947	CTR AND EXEMPTION ATTACHMENTS ARE FAILING TO UPLOAD.
CTR	39500923	CTR AND EXEMPTION ADD/EDIT POPUP MESSAGES ARE DISPLAYED OUTSIDE THE MESSAGE BOX BORDER.
CTR	39500917	CTR EXEMPTION CREATION SUCCEEDS IN UI BUT RECORDS ARE NOT INSERTED IN BACKEND AND NOT VISIBLE IN SEARCH/LIST.
CTR	39500668	CTR COMMENTS ARE NOT SAVING IN ANY SECTION.

Table 3-1 (Cont.) Bugs Fixed

Component	Bug ID	Description
CTR	39500657	CTR FINANCIAL INSTITUTION DETAILS ARE NOT SAVED AND PARENT FINANCIAL INSTITUTION CHANGES INCORRECTLY.
CTR	39500606	CTR PERSON INVOLVED ADD SCREEN DISPLAYS BLANK PAGE.
CTR	39500576	CTR CREATION FAILS TO INSERT PERSON INVOLVED RECORD.

3.3 Using Aggregate Bindings With Focus Clustering

You can use aggregate bindings in primary rules and sub-rules if you select focus clustering. Aggregate bindings perform computations across data records that are evaluated within a primary rule or sub-rule. Aggregate bindings calculate maximums, minimums, sums, averages, and counters. An attribute is defined for each calculated binding value, and the results of the aggregate binding calculations reflect values as they relate to the selected attributes.

The following expressions are used for performing calculations by applying aggregate bindings to a rule. The argument (arg) represents the selected attribute (predefined in the scenario) for defining your binding calculations:

- **Max(arg)**: Finds the maximum attribute value for all records that meet the constraint.
- **Min(arg)**: Finds the minimum attribute value for all records that meet the constraint.
- **Sum(arg)**: Adds the attribute values for all records that meet the constraint.
- **Avg(arg)**: Calculates averages of the attribute values for all rules that meet the constraint.
- **CountDistinct(arg)**: Counts the number of unique entities found that meet the constraint.
- **Count()**: Counts the total number of entities found that meet the constraint.
- **Count All()**: Counts the total number of entities found regardless of the constraint.

Note

You can use conditional expressions only for sum and average functions.

Refer to section [Adding Bindings to a Primary or Sub-Rule](#), for information about defining expressions for rules.

The following table provides sample values for the function of aggregate bindings.

Table 3-2 Sample Values of Aggregate Bindings

Trade	Amount of Trade (Attribute= AMT)	Trader (Attribute=TRADER)	\$500Constraint Met(Y/N)
Trade 1	100	Joe	N
Trade 2	1,000	Taylor	Y
Trade 3	10,000	Taylor	Y

Results are:

Min(AMT): \$ 1,000

Max(AMT): \$ 10,000

Sum(AMT): \$ 11,000

Avg(AMT): \$ 5,500

CountDistinct(TRADER): 1

Count(): 2

CountAll(): 3

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Oracle Financial Services Analytical Applications Infrastructure

Learn about 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.

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Opening an Existing Network Definition

To open an existing Network Definition, follow these steps:

1. From the **File** menu of the Link Analysis Network Definition Editor, select **Open**.
The Network Definition Selector dialog box displays.

Figure 5-1 Network Definition Selector Dialog Box



2. Select the desired Network Definition in the Network Definitions area.
The Network Definitions area populates with each Network Definition within the domain. The Network Characteristics dataset associated to the selected Network Definition display in the DataSets area (for example, Sample). In addition, the DataSets area lists the Source Link datasets and identifies them with the Characterization text (for example, RELATED_ACCT_NTWK_CHRST).
3. Click **OK**.
The system opens the selected Network Definition in the Link Analysis Network Definition Editor.

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Technology Stack Qualification Matrix FCCM 8.1.2.12.0

This appendix describes the technology stack qualification with FCCM 8.1.2.12.0.

Table 6-1 Technology Stack Qualification Matrix FCCM 8.1.2.12.0

Application Pack	OFSA Version	OS Version	Oracle Database/ Client Version	Java Version	Webserver Version	HTTP/ HTTP2
BD 8.1.2.12	8.1.2.6.0	Linux 8, Linux 9	- Oracle 19c - Oracle 23.26	Java 8	- WebLogic c 12.x - WebLogic c 14.1.1 - WebLogic c 14.1.2 - Tomcat 9 - WebSphere 9	HTTP
				Java 11	- WebLogic c 12.x - WebLogic c 14.1.1 - WebLogic c 14.1.2 - Tomcat 9 - WebSphere 9	HTTP2
				Java 17	- WebLogic c 14.1.2 - WebLogic c 15.1.1 - Tomcat 9 - Tomcat 10	HTTP2

Note

The Solaris operating system and the WebSphere web server are not supported with BD 8.1.2.12.0.

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Licensing Information

Learn more about third-party software tools used in this release.

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](#).