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Financial Services

Crime and Compliance Management Studio

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Document Versioning

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Preface

This Preface provides supporting information for the Oracle Financial Services Crime and Compliance Management Studio (OFS CCMS) Release Notes and includes the following topics:

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

Overview of OFSAA

In today's turbulent markets, financial institutions require a better understanding of their risk-return, while strengthening competitive advantage and enhancing long-term customer value. Oracle Financial Services Analytical Applications (OFSAA) enable financial institutions to measure and meet risk adjusted performance objectives, cultivate a risk management culture through transparency, lower the costs of compliance and regulation, and improve insight into customer behavior.

OFSAA uses industry-leading analytical methods, shared data model and applications architecture to enable integrated risk management, performance management, customer insight, and crime and compliance management. OFSAA actively incorporates risk into decision making, enables to achieve a consistent view of performance, promote a transparent risk management culture, and provide pervasive intelligence.

Oracle Financial Services Analytical Applications delivers a comprehensive, integrated suite of financial services analytical applications for both banking and insurance domain.

Purpose of This Document

This document contains release information for Oracle Financial Services Crime and Compliance Management Studio.

Intended Audience

This document is intended for users of Oracle Financial Services Oracle Financial Services Crime and Compliance Management Studio.

Documentation Accessibility

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Related Documents

This section identifies additional documents related to OFS CCMS Application 8.0.5.0.0. You can access Oracle documentation online from the Oracle Help Center (OHC) Documentation Library.

- *Oracle Financial Services Crime and Compliance Management Studio Installation Guide Release 8.0.5.0.0*
- *Oracle Financial Services Crime and Compliance Management Studio Administration Guide Release 8.0.5.0.0*
- *Oracle Financial Services Crime and Compliance Management Studio User Guide Release 8.0.5.0.0*

Oracle Financial Services Crime and Compliance Management Studio

Oracle Financial Services Crime and Compliance Management Studio (OFS CCMS) is a separately licensed product.

This chapter includes the following topics:

- Overview
- Release Highlights
- Prerequisites
- Bugs Fixed in This Release
- Known Issues

Overview

The OFS CCMS application is used to fight financial crime at financial institutions. OFS CCMS allows data scientists to do pattern discovery, data mashups, graph analytics, and data visualization. CCMS also allows data scientists to write and execute pieces of code and see the results. Data is partitioned, and data and scenarios are loaded every day to ensure performance. Data is moved using Sqoop into hive for Parallel Graph Analytics (PGX) or data analysis. CCMS users are provisioned in the production instance.

OFS CCMS uses Graph Analytics which is used to discover new and suspicious patterns in data. Algorithms are also employed to gain new insights from historical alert data in order to prioritize alerts generated by detection engines.

Release Highlights

- Single, unified workbench for the application of advanced analytics to Financial Crimes Data using Big Data and Advanced Analytic technologies on big data platforms such as Zepplin, Spark, and Graph (PGX).
- Discovery, Tuning, and Authoring used to perform ad-hoc visual analysis and research to discover new and emerging patterns in financial crime and publish the patterns.
- Transactions are deployed and run on a periodic basis to detect suspicious patterns in data. These transactions are then scored and correlated into networks.
- High performance, in-memory spark model execution for rapid, agile development with polyglot language support.
- Integrated with OFSAA frameworks for an enterprise-grade analytics platform.
- Embedded with a high performance graph analytics engine (PGX), a library of open source techniques, and a set of baseline scenarios.
- The following use cases are supported:
    - Graph Visualization
    - Discovery

- Scenario tuning.

- State-of-the-art Graph engine for network and fraud analytics.
- Fully compliant with open source standards for Notebooks. CCMS can run any notebook created for Apache Zeppelin.

For detailed information on installation, configuration, and usage of features, see Oracle Financial Services Crime and Compliance Management Studio documents from the OHC Documentation Library.

Known Issues/Limitations

The known issues / limitations in the OFS CCMS Release 8.0.5.0.0 are as follows.

Bug Number	Description
27107764	When data is loaded from Oracle to Hive through the CCMS batch, there is a data mismatch for decimal values.
27106369	If a paragraph execution is cancelled, then a message "Server Not Reachable" is displayed.
27106311	Whole notebooks cannot be executed.
27142276	Graph fails to build when the *src* and *Dstn* nodes are of different Datatypes, though they belong to the same family, such as INT, BIGINT, CHAR, VARCHAR and so on.
27142252	The number of records are the same across pages for Graphs.

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