Financial Services Advanced Analytical Applications Infrastructure Application Pack v8.1.0.0.0 Minor Release #2 (v8.1.2.0.0)

OFS AAAI Application Pack v8.1.0.0.0 Minor Release #2 8.1.2.0.0 (ID **32791983**)

This release of the OFS AAAI Application Pack is cumulative of all enhancements and bug fixes completed since the v8.1.0.0.0 release.

NOTE:

- For information about the Hardware and Software Requirements for this release, see the Oracle Financial Services Analytical Applications 8.1.2.0.0 Technology Matrix .

- **SQL Rule is a deprecated feature and is not supported.** For further guidance, contact Oracle support.

- **Data Entries Forms and Queries is not enabled as part of standard release and is only available in as-is-where-is mode and will not be enhanced, fixed, or updated.** As an alternative, data maintenance is enabled through Data Maintenance Interface (DMI) module. **We strongly recommend using DMI for data maintenance. Additionally, DMI requires AAI-Extension Pack license enabled.**

Prerequisites

The minimum patch set level should be OFS AAI/AAAI Application Pack v8.1.0.0.0.

NOTE: You can upgrade the OFS AAI Platform on any OFSAA Application Pack.

How to Apply this Release?

For instructions on how to install this OFS AAAI Application Pack Release, see the OFS AAAI Application Pack Installation and Configuration Guide 8.1.2.0.0.

New Features and Enhancements in this Release

The following list provides details for the new features and enhancements in this release. For detailed information on how to use these features, see the Oracle Financial Services Advanced Analytical Applications Infrastructure v8.1.x User Documentation Online Web Page.

1. **Data Maintenance Interface**

   The enhancements are as follows:

   - The Audit-Trail Window now shows the Audit Timestamp in milliseconds.

   - The Master-Child Data Maintenance Support enables Banks to maintain the data for the Master Table and its Child Tables (up to four Child Tables). Users must provide data for all selected tables in a single action.

     NOTE: To use this feature, you must apply the mandatory patch 34778706 **after or before** installing the 8.1.2.1 patch

     For more details, refer **Data Maintenance Interface** section of the AAI User Guide.

2. **Filter**

   Utility to download and upload Filter Definitions.

3. **Link Analysis**

   Performance Optimization to reduce the time taken to load graphs.

4. **Model Upload**

   Utility to transform SQL Modeler to ODM (JSON).

5. **Object Migration**

   The reverse population of Migrated Hierarchies using Offline Migration.

6. **Operations Menu**

   Privileged-based access to the functionalities in all of the Batch Screens.

7. **Process Modelling Framework**

   - Performance Optimization is done to:
     - Reduce database requests to improve resource utilization.
     - Optimize Query Execution time using Indexes.

- Configure Users to have only PMF Process Execution Privilege (WFACCNEXE Role Code).

8. **System Configuration**

- Web to Processing Tier communication through Hostname where the Processing Tier binds to the IP Address and not the Hostname.

- Configure the value for 'SMS AUTH ONLY' through the Identity Management (IDM) RESTful API.

- Map Users to a Group through the RESTful API.

- UI Configuration to enable Just in Time (JIT) Provisioning to synchronize the User, Group, and User-Group Mapping in external systems such as LDAP, SAML, and SSO into OFSAA when a user logs in.

- Change the default setting to refresh the Batch Monitor and Batch Execution Windows.

- Use the Configuration Password from the Setup in PortC.jar and not prompt for the password during OFSAA Cloning. Support for Encryptc.jar to accept Command Line Arguments as a parameter.

9. **Security Management System**

- Utility to generate CSV file containing User, Groups, and User-Group Mapping.

- Following enhancements in User Maintenance:

  - When you create a User, the **Enable User** check box is selected by default.

  - When you create a User, **Start Date-Time** displays the Current Date-Time by default and the End Date displays 31-December-2050 by default.

  - Lock statuses such as **Enable**, **Disable**, and **Delete** with Authorization required for status updates.

  - Authorization is not required to view the **Enable User** window in the **User Activity Report**.

Library Upgrade Information

Standard upgrade of libraries for common usage in OFSAA:

- ant 1.10.11

- Batik 1.14

- guava 2.29.0

- spring-xml-3.0.10.RELEASE.jar

- spring-ws-core-3.0.10.RELEASE.jar
- spring-ws-security-3.0.10.RELEASE.jar
- xmlsec 2.2.3

List of Bugs Fixed in this Release

The following bugs are fixed in this release.

Component	Sub-component	Bug ID	Subject
Build Related		32924004	MDB SETTINGS CAUSES DEPLOYMENT FAILURE ON THE WEBLOGIC WEBSERVER
Operations	Batch Group	33083987	THE TASK ID FIELD IS EDITABLE IN THE TASK DEFINITION SCREEN
Operations		31025034	THE IRC_HYBRID_SCHEDULER FAILS WITH ORA-01756 WITH MULTIPLE IRCS IN THE PARAMETER LIST
Process Modeller Framework		33250592	RUN PIPELINE - APPLICATION RULE OF "JSON READ FROM DB" FAILS WITH ERROR "FAILED TO FETCH CONNECTION FOR INVALID INFORMATION DOMAIN: NULL"
Rules Framework		33512976	RRF: FAILS TO LOAD THE TWO-PANE HIERARCHY BROWSER IN THE RULE SCREEN
System Configuration	Configuration	30106614	LOGGER LEVEL TO BE CHANGED FOR LDAP RELATED ERRORS IN 8.0.7
System Configuration	Security Metadata Mapping	33420767	IMPLEMENT A SIGNED REQUEST DURING LOGOUT IN SAML AUTHENTICATION
Unified Metadata Manager	Technical Metadata Management	29726268	[8368] MANDATORY COLUMNS ARE NOT MAPPED [9024] DO YOU WANT TO CONTINUE?
Unified Metadata Manager	Technical Metadata Management	32974452	FSDF812-LOGS SHOW THAT THE SOURCE MODEL GENERATION FAILS
Unified Metadata Manager	Technical Metadata Management	31195348	PLC JAVA EXECUTIONS PASS ADDITIONAL ICC PARAMETERS WITHOUT TRUNCATING

List of Bugs Fixed and Enhancements in Previous Releases Ported to v8.1.2.0.0

The bugs fixed and enhancements in previous release versions that are ported to this release are as follows.

Component	Sub-component	Bug ID	Subject
Administration		33269938	UNABLE TO SAVE USER DETAILS IF THE USERNAME INCLUDES SPACE
Administration		33071578	ENABLE USER LINK IS MISSING FROM IDENTITY MANAGEMENT
Administration		33071565	UNABLE TO INPUT MORE THAN 10 CHARACTERS IN THE 'SAML USER ATTRIBUTE' FIELD
Administration		33014136	REST APIS FOR INTEGRATING WITH SAILPOINT
Administration	Object Migration	33243664	CANNOT MIGRATE THE AMHM HIERARCHY AND FTP STANDARD PROCESS AFTER OFSAA V8.1.1.1
Administration	Utilities	33222268	THE ROTATEATOMICDBPWD.SH SCRIPT FAILS AFTER CHANGING THE DB CONNECTION WITH RAC JDBC
Administration	Utilities	33071449	THE ROTATEATOMICDBPWD.SH SCRIPT FAILS AFTER CHANGING THE DB CONNECTION OVER SSL
Administration	Utilities	32918195	THE TRANSFER_BATCH_OWNERSHIP PROCEDURE FAILS IF THE BATCH NAME IS IN LOWERCASE OR MIXED CASE
Big Data	Security Model	33219462	IN OFSAAI 8074, SUBMISSION OF SPARK SESSION WITH LIVY IMPERSONATE ENABLED AS TRUE DOES NOT VERIFY THE USER
Build Related		32559362	PMF DOES NOT FUNCTION IN MRMM 8101 AND 811
Dimension Management	Hierarchy	32976295	SEVERAL ISSUES WITH THE HIERARCHY UI
Dimension Management	Hierarchy	33023013	IN THE HIERARCHY MAINTAINER, THE SEARCH OPTION IN THE HIERARCHY BROWSER DOES NOT WORK AND THE CONTRAST ISSUE FOR LEAF/NON-LEAF NODES
Expression		33030079	INSTRUMENT AND TXN TABLES ARE NOT LISTED IN THE PFT-I EXPRESSIONS UI
Filters		32889899	THE RATE CARD PRODUCTS ARE NOT SHOWN AFTER APPLYING THE FILTER
Filters		32684279	IN THE FILTER DEFINITION UI, ONE-CLICK SELECT-ALL AND ADD ROWS DIALOG ISSUES
Filters	Data Element Filter	28239351	DATA FILTERS CANNOT EFFECTIVELY SEARCH THROUGH DATA ELEMENTS IN FIREFOX
Filters	Filter Hierarchy	32986739	THE SELECTED NODES/LEAVES IN THE HIERARCHY FILTER ARE NO LONGER DISPLAYED IN BOLD AND THERE ARE OTHER SELECTION ISSUES
Filters	Filter Hierarchy	32946806	THE REQUEST FOR THE HIERARCHY FILTER SHOWS MEMBER SHOWING THE SELECTED NODE/LEAF
Filters	Filter Hierarchy	32944404	IN THE FILTER DEFINITION SCREEN, SEARCH FOCUS SELECTION ISSUE

Filters	Filter Hierarchy	32894752	THE HIERARCHY FILTER SEARCH NODE AND SELECT NODE ARE NOT TAGGED AFTER REOPENING
Filters	Filter Hierarchy	32825016	THE ADD/UPDATE OPERATION FAILS WITH ERRORS WHILE CREATING HIERARCHY FILTERS
Filters	Filter Hierarchy	32684951	SHOWS JAVA.SQL.SQLSYNTAXERROREXCEPTION: ORA-01795: MAXIMUM NUMBER OF EXPRESSIONS IN A LIST IS 1000 WHILE SAVING A LARGE HIERARCHY
Filters	Filter Hierarchy	33217048	ISSUE WITH HIERARCHY, SHOW NUMERIC CODE VALUE AND DISTINGUISH DISPLAY OF LEAF AND NON-LEAF NODE
Forms Framework		33295883	PERFORMANCE ISSUES WITH THE HIDDEN CONTAINER ID AND PAGINATION
Forms Framework		33283775	CTR, UNABLE TO DOWNLOAD THE E-FILE
Forms Framework		33035709	THE OPTION IN THE REFRESH CONTROL MUST REFRESH INDIVIDUAL GRIDS INSTEAD OF THE ENTIRE PAGE
Forms Framework		32945170	GROUP BY TREE AND TAB DOES NOT WORK FOR GRIDS WITH DISTINCT RECORDS, COMMENTS AT THE BOTTOM, AND BUG TREE AT THE TOP
Inline Processing		32873699	CHANGES TO SUPPORT IPE BATCHES RUN IN A TCPS ENABLED ENVIRONMENT
Installation		33071595	The N_SERIAL_NO column in the INFODOM_PATCHES table accepts a maximum of 999 entries.
Installation	Migration Scripts	32963495	AAI 8.1 CANNOT IMPORT EXPRESSION
Internal Operations		32996873	THE BATCH OPERATIONS VIEW LOG SHOWS '[208846] NO RECORDS FOUND FOR THE SELECTED SEARCH CRITERIA'
Internal Operations		32585762	SUPPORT OF IPV6 IN RHEL
Metadata such as T2T, F2T, etc		32824870	THE T2F FAILS WITH THE 'ORA-00936: MISSING EXPRESSION' ERROR AFTER ADDING A RUNTIME PARAMETER
Metadata such as T2T, F2T, etc		32663168	THE H2T JOB RUN FAILS WHEN WE USE STAGING='Y'
Metadata such as T2T, F2T, etc	T2T Issues	33318532	IN AAI 8092, T2T EXECUTION ERROR
Metadata such as T2T, F2T, etc	T2T Issues	33545817	UNEXPECTED CHARACTER WHEN USING TILDA '`' IN ANSI JOIN OF T2T

Model Upload		33208725	FTP OF SCRIPTS TAKE A LONG TIME DURING THE MODEL UPLOAD
Model Upload		33208710	UPDATE CONSTRAINT UTILITY TO CORRECT THE INCONSISTENCIES IN THE UPGRADED 812 ENVIRONMENT
OJET Framework		33529478	SPECIAL CHARACTER ISSUE IN THE DISPOSITION SCREEN
OJET Framework		33507117	SORTING OF RECORDS DOES NOT HAPPEN CORRECTLY ON THE ALERT DETAILS TAB
OJET Framework		33372731	SAVE FAILS WHEN THE TEXT CONTAINS SQL KEYWORDS
OJET Framework		33068910	THE ALERT DETAIL TAB DOES NOT DISPLAY THE CUSTOMER ACCOUNT SECTION
OJET Framework		33263507	UNABLE TO UPLOAD DOCUMENT WITH THE EXTENSION .XLSX WITH FORMULAS EMBEDDED IN IT
OJET Framework		33086823	THE ALERT DETAILS TAB SHOWS DIFFERENT DATA SECTIONS FOR DIFFERENT ALERTS
OJET Framework		33086737	SORTING LISTS CAUSES DATA TO DISAPPEAR ON THE ALERT SEARCH SCREEN
OJET Framework		32798458	GDPR REDACTION REQUIREMENT FOR FFW
OJET Framework		32494795	FILE DATA SOURCE SAVE FAILS
OJET Framework		33274430	SORTING ISSUES WITH ALERT ID
Operations	Batch Maintenance	32604841	ENHANCEMENT REQUEST FOR BATCH DESCRIPTION FIELD TO ACCEPT MORE SPECIAL CHARACTERS
Operations	Batch Monitor	33071613	THE VIEW LOG SCREEN IN THE BATCH MONITOR IS BLANK WHEN THE PASSPHRASE IS NA FOR PUBLIC-KEY AUTHENTICATION
Operations	External Scheduler Interface Component	33252482	ESIC RETURNS WRONG STATUS OF EXIT STATUS = 0 WHEN USING DUPLICATE EXTERNAL BATCH ID
Operations	External Scheduler Interface Component	33051965	THE MRE FILE FAILS TO GENERATE RUN ID FOR THE BATCH

Preferences		32686836	ISSUE IN GLOBAL PREFERENCES
Process Modeller Framework		32611050	Errors logged in the catalina.out file after installing the LRS 8.1 module.
Process Modeller Framework		33307718	THE INBOX FEATURE SCREEN DOES NOT LOAD AFTER THE CONSOLE WAS CLEARED
Process Modeller Framework		33067314	PMF DOES NOT PASS $RUNID, $PHID, $EXEID, $RUNSK TO THE RUN EXECUTABLE COMPONENT
Questionnaire		33252138	QUESTIONNAIRE URL REDIRECTS TO THE FCCM LANDING PAGE
Rules Framework		33342931	Unable to save/edit the RRF process, when the character ï¿½ï¿½ is available in the IPE metadata definition.
Rules Framework		32859261	SANCTIONS 811 PR2 SERVICE FAILURE, ERROR OBSERVED IN EXECUTING THE IPE TASK IN RUN
Rules Framework	Rules	32859668	RUN EXECUTION THROUGH PMF FAILS BECAUSE OF THE DIM_RUN_SEQUENCE SEQUENCE CREATION AT RUNTIME
Security Management System	Security Management System	33280132	ENABLE USER LINK SHOULD ALLOW ENABLED USER TO CLEAR THE USER STATION ALONG WITH THE EXISTING FUNCTIONALITY
System Configuration	Configuration	33095538	ALLOW MORE CHARACTERS IN THE USER PASSWORD FIELD
Unified Metadata Manager	Technical Metadata Management	32955592	SHOWS "ERROR EXECUTING PRE-LOADING STEPS JAVA.SQL.SQLEXCEPTION: INVALID COLUMN INDEX" MESSAGE WHILE RUNNING THE DATA_TRANSFORMATION TASK
Unified Metadata Manager	Technical Metadata Management	32859502	'NO ENTITY COLUMN MAPPED' ERROR WHILE SAVING T2T
Unified Metadata Manager	Technical Metadata Management	32841999	THE T2T EXECUTION FAILS AND GENERATES THE CORE DUMP FILE RANDOMLY DUE TO ISSUES IN CLOB SUPPORT
Unified Metadata Manager	Technical Metadata Management	32797029	THE H2T LOAD TYPE WITH SQOOP EXECUTION FAILS IN AAI 8074

Unified Metadata Manager	Technical Metadata Management	33332127	CUSTOMIZE THE T2F EXTRACT PATH LOCATION
Unified Metadata Manager	Technical Metadata Management	33284968	IN DMT, DOCKER UTILITY LOGS CLIENT IP IN THE CONSOLE AND LOG FILES
Unified Metadata Manager	Technical Metadata Management	32585794	AN INVALID ERROR IS THROWN WHEN THE EXTERNAL LIBRARY DTS HAS "./" CHARACTERS
Unified Metadata Manager	Technical Metadata Management	32585774	INVALID PLC CODE VALIDATION FOR EXTERNAL LIBRARY TYPE PLC
Unified Metadata Manager	Technical Metadata Management	32712063	THE F2T BATCH FAILS AFTER UPGRADING TO AAI 8.0.7.4
Workflow		33308127	THE ACTIVITY EXECUTION LOG TO BE ENHANCED FOR HTTP 400,404 AND 500 ERRORS
Workflow		33159588	PROVIDE CAPABILITY TO SEND A MESSAGE TO JMS CLIENT
Workflow		33092678	MISSING ENTRY IN THE AUDIT HISTORY TAB
Workflow		33086813	PMF PROCESS MUST NOT BE INVOKED THROUGH THE REST API WITHOUT A VALID OBJECT TYPE
Workflow		33086322	THE ACTIVITY EXECUTION LOG DISPLAYED IN THE PROCESS MONITOR SCREEN IS NOT COMPLETE
Workflow		32910449	THE TOMCAT SERVER DOES NOT SHUT DOWN ON ISSUING THE SHUTDOWN COMMAND