OFS Market Risk Measurement and Management Pack

Installation Guide

Release 8.1.0.1.0

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Document Control

Version Number	Revision Date	Changes Done
1.0	October 2020	Created document to capture OFS MRMM 8.1.0.1.0 Maintenance Level Release.
2.0	November 2020	Updated note related to Erwin patch in Pre-installation Requirements section.
3.0	November 2020	Added a note with information regarding Doc ID 2724021.1.

Executive Summary

This document includes the necessary instructions to apply the OFS MRMM 8.1.0.1.0 Maintenance Level Release and perform the required post-install configurations. You can find the latest copy of this document in the OHC Documentation Library which includes all the recent additions or revisions (if any).

Table of Contents

1   Preface

This document provides step-by-step instructions to install the Oracle Financial Services Market Risk Measurement and Management (OFS MRMM) Application Pack 8.1.0.1.0 Maintenance Level Release.

This chapter discusses the following topics:

- Audience

- Access to Oracle Support

- Related Documents

- Conventions and Acronyms

1.1   Audience

The OFS MRMM Application Pack Installation Guide is intended for administrators and implementation consultants who are responsible for installing and maintaining the application pack components.

1.1.1   Prerequisites for the Audience

The document assumes that you have experience in installing Enterprise components and basic knowledge about the following:

- Oracle Financial Services Market Risk Measurement and Management Application Pack components

- OFSAA architecture

- UNIX commands

- Database concepts

- Web server or web application server

1.2   Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support (MOS). 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.

1.3   Related Documents

See the below OFS Market Risk Measurement and Management Applications Pack documents available on OHC Documentation Library.

- OFS Market Risk Measurement and Management User Guide Release 8.1.0.0.0

- OFS Analytical Applications Infrastructure User Guide (OHC Documentation Library)

- OFS Analytical Applications Infrastructure Installation Guide (OHC Documentation Library)

1.4 Conventions and Acronyms

The following table lists the conventions and acronyms used in this document.

Table 1: Conventions and Acronyms

Conventions	Description
Screen actions are indicated in Bold	
IR	Interim Release
ML	Maintenance Level Release
OFSAAI	Oracle Financial Services Analytical Applications Infrastructure
OFS MRMM	Oracle Financial Services Market Risk Measurement and Management
OHC	Oracle Help Center
AIX	Advanced Interactive eXecutive
RHEL	Red Hat Enterprise Linux
OEL	Oracle Enterprise Linux
OS	Operating System
EAR / WAR	Enterprise Archive / Web Archive
J2EE	Java 2 Enterprise Edition
OTN	Oracle Technology Network
Atomic Schema	Database schema where the application data model is uploaded.
Configuration Schema	Database schema which contains setup related configurations and metadata.

2   OFS MRMM Release v8.1.0.1.0

OFS MRMM v8.1.0.1.0 Maintenance Level (ML) release includes all the bug fixes and minor enhancements since the previous Major release v8.1.0.0.0.

This ML release of OFS MRMM can be installed on a setup with any OFSAA v8.1.0.0.0 Application Pack.

> **NOTE**
> - Starting September 2020, OFSAA Application Minor releases out of the box (OOB) data models use the latest erwin Data Modeler version. The new erwin Data Modeler version supported is 2020 R2. Provided a roadmap of the erwin Data Modeler versions usage for the OFSAA out of the box Data Models in the MOS Doc ID 2725208.1.
> - The following are the erwin file patches for MRMM available at My Oracle Support.
>
>   Patch **31972595**: erwin Data Model for MRMM 8.1.0.1.0
>
>   Patch **32100265**: erwin 2019R1 Data Model for MRMM 8.1.0.1.0.

2.1   Pre-installation Requirements

You should have OFS MRMM v8.1.0.0.0 as the minimum patch set level.

> **NOTE**
> In an environment consisting of multiple OFSAA applications, if the October 2020 Critical Patch Update is applied for any one application, it is mandatory to apply the respective October 2020 Critical Patch Updates for all other applications on that OFSAA instance, regardless of the application's version. See the My Oracle Support Doc ID 2724021.1 for details.

2.2   Installing this Maintenance Level Release

To install this ML release, follow these steps:

1. Login to My Oracle Support (MOS) and search for **31527626** under the *Patches & Updates* tab.

1. Download the OFS_MRMM_8.1.0.1.0_LINUX.zip archive file and copy it to your OFSAA server in Binary mode.

2. Stop all the OFSAAI and Numerix services. For more information, see the *Stopping Infrastructure Services* section in the Oracle Financial Services Market Risk Measurement and Management Installation Guide v8.1.0.0.0.

3. If you have Unzip utility, skip to the next step or download the Unzip utility (OS-specific) and copy it in Binary mode to the directory that is included in your PATH variable, typically `$HOME` path or directory in which you have copied the 8.1.0.1.0 ML.

   ▪ Uncompress the unzip installer file using the command:

   ```
   uncompress unzip_LINUX.Z
   ```

   ▪ Assign EXECUTE permission to the utility using the command:

   ```
   chmod 751 unzip_ LINUX
   ```

4. Navigate to the `OFS_MRMM_PACK/appsLibConfig` directory and update the configuration file `params.conf` file before triggering the installation.

   Following are the input parameters for the `params.conf` file:

   Model Upload Process: Input values required is **1**, which indicates Trigger Model Upload.

   If the value is **1**, then choose **0** as the type of Model Upload, which indicates Released Data Model.

5. Give EXECUTE permission to the ML patch installer script. Navigate to the `OFS_MRMM_PACK` directory and execute the command:

   ```
   chmod 755 OFSAAIUpdate.sh
   ```

6. Execute the following install command:

   ```
   ./OFSAAIUpdate.sh
   ```

7. Verify if the ML is applied successfully by checking the log files generated in the: `/OFS_MRMM_PACK/OFS_MRMM/logs` directory. In case of any other errors, contact [My Oracle Support (MOS)](#).

8. After successful installation of the ML, perform the following steps:

   ▪ Clear the application cache. Navigate to the following directory depending on the configured web application server and delete the files.

      — **Tomcat**: `<Tomcat installation folder>/work/Catalina/localhost/ <Application name>/org/apache/jsp`

      — **WebLogic**: `<WebLogic installation location>/domains/<Domain name>/servers/<Server name>/tmp/_WL_user/<Application name>`

      — **WebSphere**: `<WebSphere installation directory>/AppServer/profiles/ <Profile name>/temp/<Node name>/server1/<Application name>/<.war file name>`

   ▪ Deploy the RPD and web catalog file (or files):

      — Take a backup of the deployed `MRMM_BI.rpd` and `MRMM_BI.catalog` files from the OBIEE environment.

      — Navigate to the `$FIC_HOME/MRMM_BI/RPD/` directory which contains the `MRMM_BI.rpd` file and the `$FIC_HOME/MRMM_BI/catalog/` directory which contains the `MRMM_BI.catalog` file. Deploy both the files into the OBIEE deployment area

      — Modify the connection pool and set the properties.

— Any customization performed on the older rpd and webcatalog files must be manually carried over to the newer files post-deployment.

— Clear the OBIEE cache, if enabled.

— For more information about deploying the RPD and web catalog files, see the *Deploying the Application* section in Oracle Financial Services Market Risk Measurement and Management Installation Guide v8.1.0.0.0.

9. Navigate to the web component deployed area and delete the existing EAR or WAR file available in the `$FIC_HOME/ficweb` directory.

10. Generate the application EAR or WAR file and redeploy the application onto your configured web application server. For more information on generating and deploying the EAR or WAR file, see the *Post Installation Configurations* section in the Oracle Financial Services Market Risk Measurement and Management Installation Guide v8.1.0.0.0.

11. Restart all the OFSAAI and Numerix services. For more information, see the *Starting Infrastructure Services* and *Starting Numerix Servers* sections in the Oracle Financial Services Market Risk Measurement and Management Installation Guide v8.1.0.0.0.

2.3 Post-installation Requirements

Login to My Oracle Support (MOS), download and install the mandatory OFSAAI One-off patch (ID: **32051468**).

3   Appendix A: Frequently Asked Questions

The FAQs are as follows:

1. **What checks does the 8.1.0.0.0 Release patch perform?**

   Environment Check: As part of the environment check, it performs Java validation, Environment Variables validation, OS-specific validation, DB specific validation, and shuts down all OFSAAI services (Infrastructure Server, ICC Server, and back-end services).

   Post-install check: As part of the post-install check, it checks if OFSAAI services can be successfully started.

2. **Which version of erwin Data Modeler does OFS MRMM support?**

   OFS MRMM now supports erwin version 9.8.

OFSAAI Support Contact Details

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

Send Us Your Comments

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- Did you find any errors?

- 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?

If you find any errors or have any other suggestions for improvement, indicate the title and part number of the documentation along with the chapter/section/page number (if available) and contact the Oracle Support.

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