Oracle Financial Services Credit Risk Management Application Pack

Installation Guide

Version 8.0.1.0.0

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FINANCIAL SERVICES

DOCUMENT CONTROL

Version Number	Revision Date	Changes Done
1.0	Created: July 2015	Captured 8.0.1.0.0 Minor Release installation procedure and configuratio details.
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Executive Summary

This document includes the necessary instructions to apply 8.0.1.0.0 Minor Release for OFS Credit Risk Management Application Pack (OFS CRM) and perform the required post install configurations. You can find the latest copy of this document in OTN.

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Preface

This document provides step-by-step instructions to install the OFS Credit Risk Management Application Pack 8.0.1.0.0 Minor Release.

This chapter discusses the following topics:

- Summary
- Audience
- How this Guide is organized
- Recommended Environment
- Related Documents
- Conventions Used

Summary

You can find the latest copy of this document in OTN library which includes all the recent additions/revisions (if any) done till date.

Before you begin the installation, ensure that you have access to the Oracle Support Portal with the required login credentials to quickly notify us of any issues at any stage. You can obtain the login credentials by contacting Oracle Support.

Audience

Oracle Financial Services Credit Risk Management Application Pack Installation Guide is intended for administrators, and implementation consultants who are responsible for installing and maintaining the application pack components.

Prerequisites for the Audience

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

The following are the expected preparations from the administrator before starting the actual installation:

- Oracle Financial Services Credit Risk Management pack components
- OFSAA Architecture
- UNIX Commands
- Database Concepts
- Web Server/ Web Application Server

How this Guide is Organized

The Oracle Financial Services Credit Risk Management Application Pack Installation Guide include the following topics:

- OFS CRM Application Pack Release 8.0.1.0.0

- Appendix A

Recommended Environment

Infrastructure application has been tested with Microsoft Internet Explorer™ browser. For best viewing of Infrastructure pages, set the screen resolution to a minimum resolution of 1024 x 768 pixels.

Related Documents

For more information, refer the Oracle Financial Services Credit Risk Management Application Pack 8.0.1.0.0 documents available in OTN documentation library.

- Oracle Financial Services Credit Risk Management Release 8.0.1.0.0 User Guide

- Oracle Financial Services Analytical Applications Infrastructure User Guide (OTN library)

- Oracle Financial Services Analytical Applications Infrastructure Installation Guide (OTN library)

Conventions and Acronyms

Conventions	Description
Actions are indicated in **Bold.** Command or query is indicated in `Courier New font`.	
AIX	Advanced Interactive eXecutive
OFSAAI	Oracle Financial Services Analytical Applications Infrastructure
OFS AAAI	Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack
RHEL	Red Hat Enterprise Linux
ML	Maintenance Level
R	Third-party open source software. Open source R is governed by GNU General Public License (GPL).
Oracle R Distribution	Oracle R Distribution is Oracle's free distribution of open source R.
Oracle R Enterprise	Oracle R Enterprise integrates R, the open source scripting language and environment, with Oracle Database.

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Conventions	Description
Atomic Schema	Database schema where the application data model is uploaded.
Config Schema	Database schema which contains setup related configurations and metadata.

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1   OFS Credit Risk Management Application Pack Release 8.0.1.0.0

This Minor Release of OFS CRM Application Pack is cumulative and includes all enhancements and bug fixes done since the OFS CRM Application Pack v8.0.0.0.0 release.

1.1   Prerequisite

It is necessary to install CRM 8.0.0.0.0 application pack and deploy with at least one user created and mapped to a group.

1.2   Pre Installation Requirements

- You should have 8.0.0.0.0 GA as the minimum patch set level.

- As there are no changes to roles from 8.0 to 8.0.1 constraint checks on CSSMS_GROUP_ROLE_MAP table can be ignored.

NOTE: You can refer to Technology Matrix, for Hardware and Software Requirements.

If OFS CRM 8.0.1.0.0 release is being installed on an OFSAA instance where the version of platform (OFS AAI) is already upgraded to a higher release for example 8.0.2.0.0, then you need to additionally download the patch 21949795 from https://support.oracle.com/ and follow the instructions mentioned in Readme of patch 21949795.

1.3   Pre Installation Activities

Following are the input parameters for Params.conf file:
Model Upload Process: Input values required are 0/1

- **0** indicates Trigger Model Upload

- **1** indicates Skip Model upload process

If the value is **0**, then next option is to choose the option of type of Model upload

- **0** indicates Released Data Model

- **1** indicates Customized Data Model

  If the value is **1**, then provide the inputs for Data Model name and the path of Data Model.

NOTE: If you have selected Released Data Model, upload should be performed during installation. In case the model upload fails due to any database issues, run the script file OFS_CRM_Rollback.sql manually in atomic schema before re-triggering the installation. The script file is available in the installation kit, path: OFS_CRM_PACK/OFS_CRM/DataModel.

NOTE: Configuration file – Params.conf file should to be updated before triggering the Installation. Params.conf file is available in the path
`/OFS_CRM_PACK/OFS_CRM/conf`

1.4   How to Apply This Release?

1.4.1 Installing OFS Credit Risk Management Application Pack

Refer to the following instructions to download, extract, install, and configure this minor release.

1. Login to https://support.oracle.com/ and search for 21535119 under the *Patches & Updates* tab.

2. Download the OFS CRM Application Pack v8.0.1.0.0 archive file and copy it to your OFSAA server in **Binary** mode.

    NOTE: The archive files are different for every operating system like AIX, Solaris, and RHEL/Oracle Linux.

3. Login to the server where OFSAA is installed.

4. Shut down all the OFSAAI Services. For more information, refer to the *Start/Stop Infrastructure Services* section in Oracle Financial Services Credit Risk Management Application Pack Release 8.0.0.0.0 Installation Manual.

5. Execute the following command:

    ```
    chmod –R 750 $FIC_HOME
    ```

6. If you have Unzip utility, skip to the next step. Download the Unzip utility (OS specific) **unzip_<os>.Z** 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 8.0.1.0.0 installer.

    ▪ Uncompress the unzip installer file using the command:

    ```
    uncompress unzip_<os>.Z
    ```

    NOTE: In case you notice an error message "**uncompress: not found [No such file or directory]**" when the package is not installed, contact your UNIX administrator.

    ▪ Give EXECUTE permission to the file using the command:

    ```
    chmod 751 OFSCRM_80100_<OperatingSystem>.zip.
    ```

7. Extract the contents of the 8.0.1.0.0 archive file using the command:

    ```
    unzip_<os> –a <name of the file to be unzipped>
    ```

    NOTE: Rename or remove the existing OFSAA Application Pack folder from the OFSAA server prior to extracting the contents from the release archive (.zip). For example: For this release when extracted from the archive creates a

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folder with name `OFS_CRM_PACK`. Rename or remove if a folder with the same name exists in the path where the release archive is copied.

> **NOTE:** The above "**-**a" option is mandatory to unzip the archive file. For example:
> `unzip_aix -a OFSCRM_80100_<OperatingSystem>.zip`

8. Give EXECUTE permission to the minor release archive file. Navigate to the path *OFS_CRM_80100_<OperatingSystem>.zip* and execute the command:

   `chmod 750 OFSAAIUpdate.sh`

9. Execute **OFSAAIUpdate.sh** file using the following command.

   `./OFSOFSAAIUpdate.sh`

   Verify if the release is applied successfully by checking the log file generated in the installation folder. You can ignore ORA-00001, ORA-00955, ORA-02260, and ORA-01430 errors in the log file. In case of any other errors, contact Oracle Support

10. For more information on securing your OFSAA Infrastructure, refer to the Security Guide in OTN Library.

11. After successful installation, perform the these steps:

    - Clear the application cache. Navigate to the following path 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>/qaelce/jsp_servlet

        - **Websphere**:
          <Websphere installation directory>/AppServer/profiles/<Profile name>/temp/<Node name>/server1/<Application name>/<.war file name>

12. Add umask 0027 in the `.profile` of the UNIX account which manages the WEB server to ensure restricted access permissions.

13. Generate the application EAR/WAR file and redeploy the application onto your configured web application server. For more information on generating and deploying EAR / WAR file, refer to the *Post Installation Configuration* section in Oracle Financial Services Credit Risk Management Application Pack Release 8.0.0.0.0 Installation Manual.

14. After the successful installation, restart all the OFSTR services. For more information, refer to the *Start/Stop Infrastructure Services* section in [Oracle Financial Services Credit Risk Management Application Pack Release 8.0.0.0.0 Installation Manual](#).

1.5   Post Installation Requirements

For the list of cubes to appear under OFSAA UMM, metadata publishing has to be done and the cubes have to be mapped to the application using the following option:

- **Object Administration** > **Object Security** > **Object to Application Mapping**

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Appendix A

Frequently Asked Questions

What checks does the 8.0.1.0.0 Release patch perform?

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

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

Which version of ERwin Data Modeler does OFSAAI support?

OFSAAI now supports ERwin version 9.2 and 9.5 generated xmls in addition to ERwin 4.1, ERwin 7.1, ERwin 7.3 and ERwin 9.0 formats.

What should I do for viewing the log files in Debug level for troubleshooting?

By default, the log level is set as INFO. You need to manually change it to Debug to view the log files in debug level. Based on your requirement, you can change the log level to Warn, Error, or Fatal as well.

1. Navigate to *$FIC_HOME/conf* in the APP layer of your OFSAAI installation.

- Change the **priority value** to **Debug** in the *RevLog4jConfig.xml* file.

    For example:

    ```
    <root>

      <priority value ="debug" />

      <appender-ref ref="ConsoleAppender1"/>

    </root>
    ```

- Change the value of **LOGGERLEVEL** in the *DynamicServices.xml* file from **20** to **0**. (**20** is the value for Info and **0** for Debug.)

> **NOTE:** For multi-tier installation, you need to change the log level to Debug in the *DynamicServices.xml* and *RevLog4jConfig.xml* files, which are present in *$FIC_APP_HOME/conf*, *$FIC_DB_HOME/conf*, and *$FIC_WEB_HOME/conf* as well.

2. Navigate to *$FIC_WEB_HOME/webroot/conf* and change the **priority value** to **Debug** in the *ExportLog4jConfig.xml* , *MDBLogger.xml*, and *PR2Logger.xml* files for viewing log files in Debug level for the modules Archive/Restore, Metadata Browser and RRF respectively.

3. Generate the application EAR/WAR file and redeploy the application onto your configured web application server. For more information on generating and deploying EAR / WAR file, refer to the

Post Installation Configuration section in Oracle Financial Services Credit Risk Management Application Pack Release 8.0.0.0.0 Installation Manual.

4. Restart the OFS CRM Services (APP and WEB). For more information, refer to the *Start/Stop Infrastructure Services* section in Oracle Financial Services Credit Risk Management Application Pack Release 8.0.0.0.0 Installation Manual.

Can I install OFSAA 8.0.0.0.0 release Application Pack on an OFSAA instance which is already upgraded to a higher version say 8.0.1.0.0?

Yes. You can install an OFSAA 8.0.0.0.0 release Application Pack on an OFSAA instance which is already upgraded to a higher version. Refer table *Installer and Installation Prerequisites (*section Installer and Installation Prerequisites >> Category Others >> Sub-Category OFSAA) in the Oracle Financial Services Credit Risk Management Application Pack Release 8.0.0.0.0 Installation Manual for more details prior to proceeding with the installation.

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8.0.1.0.0 Installation Guide

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