

Oracle Insurance  
Performance Applications  
Pack  
Installation and Configuration  
Guide

Version 8.0.1.0.0



## DOCUMENT CONTROL

Version Number	Revision Date	Changes Done
1.0	Created: April 2015	Captured 8.0.1.0.Release enhancement updates.
Created by: Snigdha Thakuria	Reviewed by: Namratha Prasad, Usharani Shetty	Approved by: Kiran Katekar, Kallol Das

### Executive Summary

This document includes the necessary instructions to apply 8.0.1.0.0 Interim Release for Oracle Insurance Performance Application Pack 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 Oracle Insurance Performance Application (OIPA) Pack 8.0.1.0.0 Interim Release.

This chapter discusses the following topics:

- [Audience](#)
- [How this Guide is organized](#)
- [Recommended Environment](#)
- [Related Documents](#)
- [Conventions Used](#)

### Audience

Oracle Insurance Performance Applications Pack Installation and Configuration Guide are 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 Insurance Performance Applications Pack components
- OFSAA Architecture
- UNIX Commands
- Database Concepts
- Web Server/ Web Application Server

### 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

### OFSAA Related Documents

- [Oracle Financial Services Advanced Analytical Applications Infrastructure \(OFS AAI\) Application Pack 8.0.1.0.0 Installation and Configuration Guide](#)
- [Oracle Financial Services Analytical Applications Infrastructure Environment Check Utility Guide](#)
- [Oracle Financial Services Analytical Applications Infrastructure User Guide](#)
- [Oracle Financial Services Analytical Applications Infrastructure Administration Guide](#)
- [Oracle Financial Services Analytical Applications v8.0 Technology Matrix](#)

### Oracle IP Application Related Documents

- [Oracle Insurance Performance Insight for General Insurance User Guide](#)

## Conventions and Acronyms

Conventions	Description
Actions are indicated in <b>Bold</b> .	
Command or query is indicated in <code>Courier New font</code> .	
AIX	Advanced Interactive eXecutive
OFSAAI	Oracle Financial Services Analytical Applications Infrastructure
OFS AAI	Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack
OIPIGI	Oracle Insurance Performance Insight for General Insurance
RHEL	Red Hat Enterprise Linux
IR	Interim Release
IP	Insurance Performance
ML	Maintenance Level
Atomic Schema	Database schema where the application data model is uploaded.
Config Schema	Database schema which contains setup related configurations and metadata.

# 1 Oracle Insurance Performance Application Pack Release 8.0.1.0.0

This Interim Release (IR) of Oracle Insurance Performance Application (OIPA) Pack is cumulative and includes all enhancements and bug fixes done since the Oracle Insurance Performance Application Pack v8.0 GA release. For more information, refer the [Oracle Insurance Performance Application Pack Installation and Configuration Guide – Release 8.0.0.0.0](#).

## 1.1 Supported Software Versions

The following table shows the minimum hardware and software requirements for installing Oracle IP Application Pack.

**Table 1: Configurations supported**

Requirement	Sub-Category	Value
Operating System	Oracle Linux / Red Hat Enterprise Linux (x86-64)	Oracle Linux Server release 6.0 and above - 64 bit <b>Note:</b> Same versions of RHEL is supported
	Shell	KORN Shell (KSH)
Java Runtime Environment	Oracle Linux / Red Hat Enterprise Linux	Oracle Java Runtime Environment (JRE) 1.7.x - 64 bit
Oracle Database Server and Client		Oracle Database Server Enterprise Edition 12c Release 1 (12.1.0.1.0 +)- 64 bit RAC/ Non-RAC with/ without partitioning option  Oracle Client 12c Release 1 (12.1.0.1.0+) - 64 bit  Oracle 12C Release 1 (12.1.0.1+) JDBC driver (Oracle thin driver)  Oracle Distribution of R version 2.15.1, 2.15.2 or 2.15.3.(Optional)  Oracle R Enterprise (Server) version 1.4. (Optional)
		<b>Note:</b> Ensure that the following patches are applied: <ul style="list-style-type: none"> <li>▪ Oracle Server 12c, v12.1.0.1 – 17082699</li> <li>▪ Oracle Server 12c, v12.1.0.2 - 19392604, 19649591</li> <li>▪ Also for latest information, refer <a href="http://support.oracle.com/">http://support.oracle.com/</a> , 12.1.0.2 Bundle Patches for Engineered Systems and DB In-Memory - List of Fixes in each Bundle (Doc ID 1937782.1)</li> </ul>

OLAP	Oracle Hyperion Essbase	V 11.1.2.3+ (Server and Client) with Oracle 12c Database
	Oracle OLAP	V 12.1.0.1+ with Oracle 12c Database
	<p><b>Note:</b></p> <p>Oracle Hyperion Essbase &amp; Oracle OLAP is required only if you are using the OLAP feature of OFSAAI. For Oracle OLAP, ensure that you have configured the Oracle Database server with OLAP option.</p>	
Web Server/ Web Application Server	Oracle Linux / Red Hat Enterprise Linux	<p>Oracle HTTP Server 11.1.1.1/ Apache HTTP Server 2.2.x/ IBM HTTP Server</p> <p>Oracle 12c Database:</p> <ul style="list-style-type: none"> <li>▪ IBM WebSphere Application Server 8.5+ with IBM Java Runtime (64 bit)</li> </ul>
BI Server	OBIEE	<ul style="list-style-type: none"> <li>▪ OBIEE Version: 11.1.1.7.140225</li> <li>▪ OBIEE Build: 140209.2017 64-bit</li> </ul>
Desktop Requirements	Operating System	MS Windows 7/ Windows 8/ Windows 8.1
	Browser	<p>MS Internet Explorer 9, 10, 11(Compatibility Mode) and 11 (Compatibility Mode)</p> <p>Oracle Java plug-in 1.7.0+*</p> <p><b>Note:</b></p> <p>Enable caching of static content (static files, images, CSS, and so on).</p>
	Office Tools	<p>MS Office 2007/ 2010/2013</p> <p>Adobe Acrobat Reader 10 and 11</p>
	Screen Resolution	1024*768 or 1280*1024
Directory Services	-	<p>OFSAAI is qualified on both OPEN LDAP 2.2.29+ and Oracle Internet Directory v 11.1.1.3.0. However, it can be integrated with other directory services software like MS Active Directory.</p>
	<p><b>Note:</b></p> <p>Configuration of Directory services software for OFSAAI installation is optional. For more information on configuration, see Infrastructure LDAP Configuration. Open LDAP needs to be installed on MS Windows Server machine only.</p>	

### 1.2 Pre Installation Requirements

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

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**NOTE:** For Hardware and Software requirements, refer to [Technology Matrix](#).

8.0.1.0.0 installer would take a backup of `FIC_HOME` directory before upgrading to 8.0.1 as `<FIC_HOME_BKP>` under the home directory(`FIC_HOME` being the installer directory path/name set during 8.0 installation)

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### 1.3 Pre Installation Activities

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

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

**Model Upload Process: Input values required are 0/1**

- **1** indicates Trigger Model Upload
- **0** indicates Skip Model upload process

If the value is **1**, then next option is to choose the option of type of Model upload:

- **0** indicates Released Datamodel
- **1** indicates Customized Datamodel

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

### 1.4 How to Apply This Interim Release?

#### 1.4.1 Installing OIPA

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

1. Login to <https://support.oracle.com/> and search for 20911620 under the *Patches & Updates* tab.
2. Download the OIPA Pack v8.0.1.0.0 IR archive file and copy it to your OFSAA server in **Binary** mode.

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

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3. Shut down all the OFSAAI Services. For more information, refer to the *Start/Stop Infrastructure Services* section in [Oracle Insurance Performance Insight for General Insurance Application Pack Installation and Configuration Guide – Release 8.0.0.0.0](#).

4. Assign WRITE permission to the files/ folders such as commonscripts, EXEWebService, ficapp, ficweb, and ficdb in the **\$FIC\_HOME** folder by executing the command:

```
chmod -R 750 $FIC_HOME
```

5. If you have Unzip utility, skip to the next step. Download the Unzip utility (OS specific) **unzip\_<os>.Z** from the location <https://updates.oracle.com/unzips/unzips.html> 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 8.0.1.0.0IR.

- 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.

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- Give EXECUTE permission to the file using the command:

```
chmod 751 OFSAAI_80100_<OperatingSystem>.zip.
```

6. Extract the contents of the 8.0.1.0.0IR archive file using the command:

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

---

**NOTE:** The above “-a” option is mandatory to unzip the archive file. For example:

```
unzip_aix -a OFSAAI_80100_<OperatingSystem>.zip
```

---

7. Give EXECUTE permission to the IR archive file. Navigate to the path *OFSAAI\_80100\_<OperatingSystem>.zip* and execute the command:

```
chmod 750 OFSAAIUpdate.sh
```

8. Execute **OFSAAIUpdate.sh** file.

Verify if the IR 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.

9. For more information on securing your OFSAA Infrastructure, refer note [1540442.1](#) in My Oracle Support (MOS).

10. After successful installation of IR, 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>
11. Add umask 0027 in the `.profile` of the UNIX account which manages the WEB server to ensure restricted access permissions.
  12. 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 Insurance Performance Application Pack Installation and Configuration Guide – Release 8.0.0.0.0](#).
  13. After the successful installation of the IR, restart all the OFSAAI services. For more information, refer to the *Start/Stop Infrastructure Services* section in [Oracle Insurance Performance Application Pack Installation and Configuration Guide – Release 8.0.0.0.0](#).

## Appendix A

### Frequently Asked Questions

#### OFSAAI Related FAQs

##### What checks does the 8.0.1.0.0 CA 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.

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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 Insurance Performance Application Pack Installation Guide – Release 8.0.](#)
4. Restart the OFSAAI Services (APP and WEB). For more information, refer to the *Start/Stop Infrastructure Services* section in [Oracle Insurance Performance Application Pack Installation Guide – Release 8.0.](#)



OIPA

8.0.1.0.0 Installation and Configuration Guide

Oracle Corporation  
World Headquarters  
500 Oracle Parkway  
Redwood Shores, CA 94065  
U.S.A.

Worldwide Inquiries:  
Phone: +1.650.506.7000  
Fax: +1.650.506.7200  
[www.oracle.com/us/industries/financial-services/](http://www.oracle.com/us/industries/financial-services/)

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