

Oracle® Loan Loss Forecasting and Provisioning Installation Guide



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Introduction to OFS Loan Loss Forecasting and Provisioning Application Pack

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 models, and applications architecture to enable integrated risk management, performance management, customer insight, 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 domains.

2

OFS Loan Loss Forecasting and Provisioning Application Pack (OFS LLFP) Release

Oracle Insurance Accounting Analyzer v8.1.2.10.0 Maintenance Level (ML) release includes all the bug fixes and minor enhancements since the previous release v8.1.2.9.0.

Pre Installation Requirements

The prerequisites are as follows:

- OFS AAI 8.1.2.5.0 must be installed.
- The minimum patch set level must be 8.1.2.0.0.

For more information on the OFS AAI requirements, see OFS Advanced Analytical Applications Infrastructure Application Pack 8.1.2.0.0 Release Notes in [OHC Documentation Library](#).

New Installation of OFS AAI 8.1.2.0.0 with Oracle AI Database 26ai

For post installation configurations, refer to the [OFS LLFP 8.1.2.0.0 Installation Guide](#).

Installing this Maintenance Level Release

Installing this Maintenance Level Release

To install this Maintenance Level Release, follow these steps:

1. Login to [My Oracle Support](#) and search for **39142618** under the **Patches & Updates** tab.
2. Download the latest Erwin data model **39694945** patch.
3. Download the archive file and copy it to your OFSAA server in Binary mode.

Note

There are different archive files for different operating systems such as Solaris, and RHEL/OEL.

4. Stop all the OFSAAI Services. For more information, see the Start/Stop Infrastructure Services section in [OFS LLFP 8.1.2.0.0 Installation Guide](#).
5. Login to the OFSAA Server as a non-root user and navigate to the \$FIC_HOME folder.
6. Assign WRITE permission to the file/folders such as common scripts, EXEWebService, ficapp, and ficweb, and find them in the \$FIC_HOME folder by executing the command:
`chmod -R 775 *`

7. If you have to 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 8.1.2.11.0 ML.
 - Uncompress the unzip installer file using the command:
`uncompress unzip_<os>.Z`

Note

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

8. Give EXECUTE permission to the utility by using the command:
`chmod 751 unzip_<os>`
9. Extract the contents of the 8.1.2.11.0 ML archive file by using either of the following commands:
`unzip <name of the file to be unzipped>`
10. Navigate to OFS_LLFP_PACK and edit `params.conf` and set `WEBSERVER_TYPE` to Tomcat, WebLogic or WebSphere, and the corresponding `WEBSERVER_VERSION` as applicable.
 - Possible values for `WEBSERVER_TYPE` are `WEBLOGIC`, `TOMCAT`, and `WEBSHERE`. For example, `WEBSERVER_TYPE=WEBLOGIC`
 - Possible values for `WEBSERVER_VERSION` are 14.1.1, 14.1.2, 15.1.1, 9.0.107, 10.1.48, and 9.0.5.23. For example, `WEBSERVER_VERSION=15.1.1`
 - In above example, `WEBSERVER_TYPE` and `WEBSERVER_VERSION` are user input parameters.

Note

In the above configuration, for example, Tomcat, can support 9.0.x for Java 8 11 and 17 and 10.1.x on Java 17. Similarly, WebLogic can support 12.2.1.x for Java 8, 14.1.1.x for Java 11, 14.1.2.x and 15.1.1.x for Java 17. Finally, Websphere can support 9.0.5.x for Java 8, where x is the latest released version.

11. Update the `params.conf` configuration file that is present in the `OFS_LLFP_PACK/appsLibConfig/conf` folder before triggering the installation. The update instructions are present in this file.
In case of customized Data Model upload, then update the `params.conf` file present in the `OFS_LLFP_PACK/appsLibConfig/conf` folder accordingly.
12. Give EXECUTE permission to the ML patch installer script. Navigate to the `OFS_LLFP_PACK` directory and execute the command:
`chmod 755 OFSAAIUpdate.sh`
13. Execute the following command:
`./OFSAAIUpdate.sh`
14. Verify if the ML is applied successfully by checking the log files generated in `OFS_LLFP_PACK/OFS_LLFP_PACK/logs` directories. You must also verify the Data Model logs, the path can be found in the `silent.props` file of the release v8.1.2.0.0 file. You can ignore ORA-00001 and ORA-02292 in the log file. In case of any other errors, contact [My Oracle Support](#).

15. After successful installation of the ML, perform the following steps:
 - Clear the Application Cache. Navigate to the following path depending on the configured Web Application Server and delete the files.
 - a. **Tomcat:** <Tomcat installation folder>/work/Catalina/localhost/<Application name>/org/apache/jsp
 - b. **Weblogic:** <Weblogic installation location>/domains/<Domain name>/servers/<Server name>/tmp/_WL_user/<Application name>
 - c. **Websphere:** <Websphere installation directory>/AppServer/profiles/<Profile name>/temp/<Node name>/server1/<Application name>/<.war file name>
16. Delete the existing EAR/WAR file available in the folder \$FIC_HOME/ficweb.
17. Generate the application EAR/WAR file and redeploy the application onto your configured Web Application Server. For more information on generating and deploying the EAR/ WAR file, see [Create and Deploy the EAR or WAR Files](#) in OFS AAI Release 8.1.2.0.0 Installation and Configuration Guide.
18. Restart all the OFSAAI Services. For more information, refer to the [Start/Stop Infrastructure Services](#) section in OFS AAI Release 8.1.2.0.0 Installation and Configuration Guide.

Post Installation Configurations

For post installation configurations, refer to the [OFS LLFP 8.1.2.0.0 Installation Guide](#).