

Oracle Financial Services  
Analytical Applications  
Infrastructure  
Installation & Configuration  
Guide

Release 7.3.1.1.0



## DOCUMENT CONTROL

Version Number	Revision Date	Changes Done
Revision 7.3.1.1.0	August 2012	Maintenance Level Release process updates.
Created By: Aneesh/Anand	Reviewed By: Jeevraj/Mithila	

### Executive Summary

This document includes the necessary instructions to apply 7.3.1.1.0 Maintenance Level Release and perform the required post update configurations.

# TABLE OF CONTENTS

- 1 OFSAAI RELEASE 7.3.1.1.0 ..... 4
  - 1.1 Pre Installation Requirements .....4
  - 1.2 How to Apply this Maintenance Level Release .....4
  - 1.3 Post Installation Configuration .....6
  - 1.4 OFSAAI Application Deployment .....7
  - 1.5 Starting Infrastructure Services .....7

## 1 OFSAAI Release 7.3.1.1.0

This Maintenance Level Release (ML) of Oracle Financial Services Analytical Applications Infrastructure includes bug fixes done since the previous release, i.e. 7.3.1.0.0.

### 1.1 Pre Installation Requirements

- OFSAAI 7.3.1.0.0 has to be successfully installed.
- At least one Information Domain should exist or has to be created prior to applying this ML.

For detailed instructions on creating Information Domain refer to [OFSAAI 7.3 Installation and Configuration Guide](#).

- Execute the below query in CONFIG schema:

```
SELECT DISTINCT(T1.V_BATCH_ID) FROM BATCH_MASTER T1, BATCH_MASTER
T2 WHERE REPLACE(TRANSLATE(T1.V_BATCH_ID,
'`~!@#$$%^&*()+=[]{}\\|; "<>? , / - : . ' , ' # ' , ' # ' , ' ' ) =
REPLACE(TRANSLATE(T2.V_BATCH_ID, '`~!@#$$%^&*()+=[]{}\\|; "<>? , / - : . ' ,
' # ' , ' # ' , ' ' ) AND T1.V_CREATED_DATE <> T2.V_CREATED_DATE
```

This query will return the Batch Names with special characters in them. These characters will be removed as part of the patch installation. However, few constraints may fail to get enabled. Therefore, if the query returns a list of Batch names, you have to login to the OFSAAI application and navigate to *Operations > Batch Maintenance* screen to delete and recreate the batches without using the special characters.

### 1.2 How to Apply this Maintenance Level Release

Refer to the following instructions to extract the contents of this ML.

1. Shutdown all the OFSAAI Services.
2. Navigate to **\$FIC\_HOME** folder and execute the command **chmod -R 775 \*** prior to applying the ML to ensure that all the files / folders under the **\$FIC\_HOME** folder have write permissions assigned.
3. Download the 7.3.1.1.0 ML archive file from <https://support.oracle.com/> and upload it to your AAI server in Binary mode.

In case of a multi-tier deployment, the ML needs to be copied and installed on each tier in the following order:

- APP tier
- DB tier
- WEB tier

---

**NOTE:** If APP and WEB are in one tier, then execute ML in DB tier first.

---

*Note that the terminology “tier” referenced in this document refers to the different components of AAI installed on any box. For E.g. DB tier would mean the box on which the “ficdb” components of AAI is installed and does not mean the physical DB engine. Similarly, the WEB tier would mean the box on which the “ficweb” component resides and does not mean the physical web server/ J2EE engine. APP tier would mean the box on which the “ficapp” components reside.*

4. 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 7.3.1.1.0 ML.

---

**NOTE:** This step can be ignored if the utility is already present.

---

5. 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 to resolve this issue.

---

6. Ensure that the file has execute permissions set. If not, run the following command:

```
chmod 751 unzip_<os>
```

7. Extract the contents of the 7.3.1.1.0 ML archive file using the following 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\_7.3.1.1.0\_<OperatingSystem>\_Oracle<Version>.zip**

---

8. Navigate to the path `OFSAAI_7.3.1.1.0_<OperatingSystem>_Oracle<Version>` and execute **OFSAAIUpdate.sh**.

*Verify if the ML is applied successfully by checking the log file generated in the same folder. You can ignore ORA-00001, ORA-00955, and ORA-01430 errors in log file. If you observe any other warning/error reported in the log, bring it to the notice of Oracle Support.*

9. Perform the necessary post installation configurations as mentioned in the [Post Installation Configuration](#) section.
10. Redeploy the application on to the web server. For more information refer [OFSAAI Application Deployment](#) section.
11. Restart all the OFSAAI services. For more information refer [Starting Infrastructure Services](#) section.

### 1.3 Post Installation Configuration

Once the ML is applied successfully, the following post-installation steps are required to set certain configuration parameters:

- a) Below line needs to be appended in **LDAPProperties.properties** file present under `$FIC_APP_HOME\common\FicServer\conf`:

```
DISTINGUISHED_NAME=distinguishedName
```

- b) To perform the necessary configurations pertaining to the **Filter Servlet** enhancement (14202535 - CROSS SITE SCRIPTING SECURITY VULNERABILITIES IN OFSSAI), refer [Filter Servlet](#) section.

- c) Below line needs to be included in **server.conf.properties** file present under `$FIC_APP_HOME/icc/conf`:

```
RUN_DQ_RULE=7
```

- d) Replace the below tag in **web.xml** file present under `$FIC_WEB_HOME\webroot\WEB-INF`, only if the **web server is not Websphere Application Server**:

```
<filter-mapping>
<filter-name>FilterServlet</filter-name>
<url-pattern>*.jsp</url-pattern>
</filter-mapping>
<filter-mapping>
<filter-name>FilterServlet</filter-name>
<url-pattern>*.class</url-pattern>
</filter-mapping>
```

**With:**

```
<!-- <filter-mapping>
<filter-name>FilterServlet</filter-name>
<url-pattern>*.jsp</url-pattern>
</filter-mapping>
<filter-mapping>
<filter-name>FilterServlet</filter-name>
<url-pattern>*.class</url-pattern>
</filter-mapping> -->
```

```
<filter-mapping>
<filter-name>FilterServlet</filter-name>
<url-pattern>*</url-pattern>
</filter-mapping>
```

- e) Download and apply the following one-off patches available at [support.oracle.com](http://support.oracle.com), post successful installation of 7.3.1.1.0 ML.
- 14509748\_GENERIC.zip
  - 14590733\_GENERIC.zip
  - 16053052\_GENERIC.zip

### 1.4 OFSAAI Application Deployment

1. Generate **EAR/WAR** file and redeploy the application on to the web server.

For more information, refer *Post Installation Configuration* section in [OFSAAI 7.3 Installation and Configuration Guide](#).

2. Navigate to the following path depending on the web server configured and delete the files to clear the application cache:
  - **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>

### 1.5 Starting Infrastructure Services

Once the ML has been applied successfully and the post-installation steps are completed, all the OFSAAI services must be restarted. For more information, refer to *Start Infrastructure* section in [OFSAAI 7.3 Installation and Configuration Guide](#).



OFSAAI

7.3.1.1.0 Installation & 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/financial\\_services/](http://www.oracle.com/financial_services/)

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