

**Oracle® Financial Services Advanced Analytical  
Applications Infrastructure (OFS AAAI)**

Installation and Configuration Guide

Release 7.3.3.0.0

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# Contents

<b>Preface</b> .....	v
Summary .....	v
Audience .....	v
Documentation Accessibility .....	v
Related Documents .....	vi
Conventions .....	vi
 <b>1 Understanding OFS AAI</b>	
1.1 What is OFSAA? .....	1-1
1.2 What is OFSAA Infrastructure? .....	1-1
1.3 What is OFS AAI? .....	1-2
1.4 OFSAA Infrastructure Components .....	1-2
 <b>2 Installing OFS Advanced Analytical Applications Infrastructure(OFS AAI)</b>	
2.1 Prerequisite .....	2-1
2.2 Installing OFS AAI 7.3.3.0.0 .....	2-1



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# Preface

This Preface provides supporting information for the Oracle Financial Services Advanced Analytical Applications Infrastructure Installation Guide and includes the following topics:

- [Summary](#)
- [Audience](#)
- [Documentation Accessibility](#)
- [Related Documents](#)
- [Conventions](#)

## 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 an 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

The Oracle Financial Services Advanced Analytical Applications Infrastructure (OFS AAI) Installation and Configuration Guide is intended for administrators that are responsible for installing and maintaining OFS AAI components.

The document assumes you have experience in installing Enterprise components. Basic knowledge about the OFSAA Infrastructure components, UNIX commands, Database concepts and Web Server/ Web Application Server is recommended.

## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

### Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. 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.

## Related Documents

This section identifies additional documents related to OFSAA Infrastructure. You can access Oracle documentation online from [Documentation Library for OFSAAI 7.3](#) (OTN).

- [Oracle Financial Services Analytical Applications Infrastructure Installation and Configuration Guide](#)
- [Oracle Financial Services Analytical Applications Infrastructure Administration Guide](#)
- [Oracle Financial Services Analytical Applications Infrastructure Language Pack Guide](#)
- [Oracle Financial Services Analytical Applications Infrastructure User Guide](#)
- [Oracle Financial Services Analytical Applications Infrastructure Environment Check Utility Guide](#)

The following document is available in My Oracle Support (MOS) and you should have SSO credentials to access MOS.

- [Oracle Financial Services Analytical Applications Infrastructure Security Guide \(Doc ID 1540442.1\)](#)

## Conventions

The following text conventions are used in this document:

Convention	Meaning
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, file names, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, screen names, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.
AIX	Advanced Interactive eXecutive
DEFQ	Data Entry Forms and Queries
DML	Data Manipulation Language
EAR	Enterprise Archive
EJB	Enterprise JavaBean
ERM	Enterprise Resource Management
FTP	File Transfer Protocol
GUI	Graphical User Interface
HTTPS	Hypertext Transfer Protocol Secure
J2C	J2EE Connector
J2EE	Java 2 Enterprise Edition
JDBC	Java Database Connectivity
JDK	Java Development Kit
JNDI	Java Naming and Directory Interface

<b>Convention</b>	<b>Meaning</b>
JRE	Java Runtime Environment
JVM	Java Virtual Machine
LDAP	Lightweight Directory Access Protocol
LHS	Left Hand Side
MOS	My Oracle Support
OFSAAI	Oracle Financial Services Analytical Application Infrastructure
OLAP	On-Line Analytical Processing
OS	Operating System
RAM	Random Access Memory
RDMS	Relational Database Management System
SFTP	Secure File Transfer Protocol
SID	System Identifier
SSL	Secure Sockets Layer
TNS	Transparent Network Substrate
URL	Uniform Resource Locator
VM	Virtual Machine
Web Archive	WAR
XML	Extensible Markup Language





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# Understanding OFS AAI

This chapter provides a brief overview of OFS Advanced Analytical Applications Infrastructure version 7.3.3.0.0. This chapter includes the following topics:

- [What is OFSAA?](#)
- [What is OFSAA Infrastructure?](#)
- [What is OFS AAI?](#)
- [OFSAA Infrastructure Components](#)

## 1.1 What is OFSAA?

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 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.

Oracle delivers a comprehensive, integrated suite of financial services analytical applications for Enterprise Performance Management, Enterprise Risk Management, Financial Crime and Compliance Management, Customer Insight, and Integrated Business Intelligence.

## 1.2 What is OFSAA Infrastructure?

Oracle Financial Services Analytical Applications Infrastructure powers the Oracle Financial Services Analytical Applications family of products to perform the processing, categorizing, selection and manipulation of data and information needed to analyze, understand and report on specific performance, risk, compliance and customer insight issues by providing a strong foundation for the entire family of Oracle Financial Services Analytical Applications across the domains of Risk, Performance, Compliance and Customer Insight.

The Infrastructure is comprised of a set of frameworks that operates on and with the Oracle Financial Services Analytical Applications Data Model. This infrastructure delivers unified metadata across the stack and provides a single set of computational engines, stochastic modeling methods and business rules to feed overlapping, but independent, analytical business functions such as profitability, economic capital, FTP, and regulatory capital. Pre-integrated and extensible with common objects and dimensions, this infrastructure powers business user analyses with performance that scales to meet the demands of the world's largest institutions. The individual Analytical Applications provide domain-specific data and information, computed

with and within the Infrastructure, to business users, management and even regulators, via corresponding sets of pre-built reports, alerts and dashboards. These “analytics” are delivered with Oracle's industry-leading Business Intelligence platform.

### 1.3 What is OFS AAAI?

Oracle Financial Services Advanced Analytical Applications Infrastructure is a separately licensed product. Modeling and Stress Testing frameworks are part of OFS AAAI.

Business Analysts can make use of OFS Advanced Analytical Applications Infrastructure (AAAI) framework to build robust models or validate the existing models to quantify and predict the risk involved. It also helps business analysts to conform to prevalent regulatory and supervisory standards based on constant monitoring.

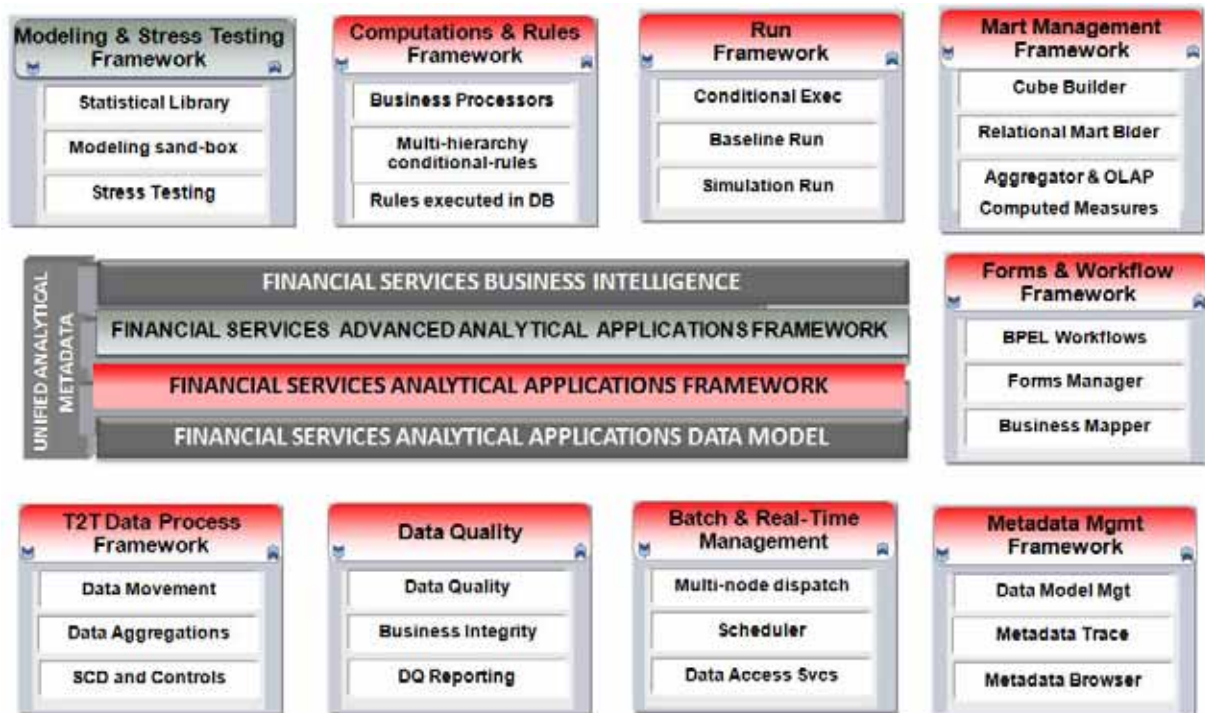
### 1.4 OFSAA Infrastructure Components

The OFSAA Infrastructure is comprised of a set of frameworks that operates on and with the Oracle Financial Services Analytical Applications Data Model and form the array of components within the Infrastructure.

The OFSAA Infrastructure components/ frameworks are installed in two layers; primarily the metadata server and Infrastructure services run on one layer, and the UI and presentation logic runs on the other. The UI and presentation layer is deployed on any of the supported J2EE Servers.

[Figure 1-1](#) depicts the various frameworks and capabilities that make up the OFSAA Infrastructure:

Figure 1–1 OFSAA Infrastructure Framework





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# Installing OFS Advanced Analytical Applications Infrastructure(OFS AAI)

Follow the instructions in this chapter to enable OFS AAI. This chapter includes the following sections:

- [Prerequisite](#)
- [Installing OFS AAI 7.3.3.0.0](#)

## 2.1 Prerequisite

- OFS AAI v 7.3.3.0.0 should have been successfully installed. For information on OFS AAI installation, see *Oracle Financial Services Analytical Applications Infrastructure Installation and Configuration Guide* in the [Related Documents](#) section.

## 2.2 Installing OFS AAI 7.3.3.0.0

OFS AAI is a separately licensed product. If you have procured AAI license, after installing OFS AAI 7.3.3.0.0 successfully, perform the following steps to enable OFS AAI:

1. Go to the Oracle Software Delivery Cloud (<https://edelivery.oracle.com>). Download the OFSAAI\_73300\_<OS>.zip file and copy it to your OFSAAI server in **Binary** mode.
2. Extract the contents of the OFSAAI\_73300\_<OS>.zip file using the following command:  

```
unzip OFSAAI_73300_<OS>.zip
```
3. Give EXECUTE permission to the installer script. Navigate to the path OFSAAI\_73300\_<OS> and execute the command:  

```
chmod 755 setup.sh
```
4. Execute the command to run the installer:  

```
./setup.sh
```

Figure 2–1 Enabling OFS AAI

```

/scratch/ofsaadb>cd /scratch/ofsaadb/733CompleteInst/AAI
/scratch/ofsaadb/733CompleteInst/AAI>ls
OFSAAAI_73300.zip
/scratch/ofsaadb/733CompleteInst/AAI>unzip OFSAAAI_73300.zip
Archive:  OFSAAAI_73300.zip
  creating: OFSAAAI_73300/
  inflating: OFSAAAI_73300/OFSAAAIInfrastructure.bin
  inflating: OFSAAAI_73300/setup.sh
  creating: OFSAAAI_73300/lib/
  inflating: OFSAAAI_73300/lib/OFSAAIUpdate.jar
  inflating: OFSAAAI_73300/lib/FICServer.jar
  inflating: OFSAAAI_73300/lib/AESCryptor.jar
/scratch/ofsaadb/733CompleteInst/AAI>ls
OFSAAAI_73300      OFSAAAI_73300.zip
/scratch/ofsaadb/733CompleteInst/AAI>cd OFSAAAI_73300
/scratch/ofsaadb/733CompleteInst/AAI/OFSAAAI_73300>ls
lib                OFSAAAIInfrastructure.bin  setup.sh
/scratch/ofsaadb/733CompleteInst/AAI/OFSAAAI_73300>chmod 755 setup.sh
/scratch/ofsaadb/733CompleteInst/AAI/OFSAAAI_73300>./setup.sh
Starting installation...
Preparing to install...
Extracting the installation resources from the installer archive...
Configuring the installer for this system's environment...

Launching installer...

Preparing SILENT Mode Installation...

=====
OFSAAAIInfrastructure                      (created with InstallAnywhere)
=====

Installing...
-----

[=====|=====|=====|=====]
[-----|-----|-----|-----]
Installation completed.
*****
/scratch/ofsaadb/733CompleteInst/AAI/OFSAAAI_73300>

```

5. After successful installation, start all the OFSAAI services. For more information, refer to the Start/Stop Infrastructure Services section in *Oracle Financial Services Analytical Applications Infrastructure Installation and Configuration Guide* in the [Related Documents](#) section.

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**Note:** For users to view the Modeling and Stress Testing Framework links, the roles Metadata Authorizer (METAAUTH) and Business Analyst (SYSBAU) should be mapped to the required user groups.

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