

# **Oracle Financial Services Institutional Performance Analytics**

## **Security Guide**

**Release 8.1.x**

**Apr 2021**

**ORACLE**  
Financial Services

## OFS Institutional Performance Analytics Security Guide

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# Document Control

| Version Number | Revision Date | Change Log  |
|----------------|---------------|---|
| 1.0            | Mar-2021      | Created the Security Guide for OFS Institutional Performance Analytics application. |

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# 1 Preface

Oracle Financial Services Analytical Applications Infrastructure (OFSAAI) provides for configuration of security parameters and this guide provides information about the configurations required and how to set it.

The information contained in this document is intended to give you quick exposure and understanding of the security configurations required after the installation of the OFSAAI.

## 1.1 Audience

This guide is intended for System Administrators (SA) who are instrumental in installing and performing secure configurations for the OFSAAI. It is assumed that the SAs are technically sound and proficient in UNIX, Database Administration, and Web Application Administration to install and configure OFSAAI in the released environment.

## 1.2 Prerequisites for the Audience

This document assumes that you have experience in installing Enterprise components and have a basic knowledge of the following:

- OFSAAI pack components
- OFSAA Architecture
- UNIX Commands
- Database Concepts
- Web server and web application server

## 1.3 Reference Documents

This section identifies the following additional documents related to the OFSAA Infrastructure:

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

## 2 Installing the OFS Institutional Performance Analytics Application

For detailed installation steps, see the [OFS Profitability Applications Pack Installation and Configuration Guide Release 8.1.0.0.0](#).

Oracle Financial Services Enterprise Financial Performance Analytics Application is built on the Oracle Financial Services Analytical Applications Infrastructure (OFS AAI).

## 3 Secure Configurations

A set of configurations must be performed to have a secure environment for OFSAA installation. The configurations are discussed in the following sections. For more information, see the [OF SAAI Administration and Configuration Guide](#).

- **Oracle Data Redaction:** This is an Oracle Database Advanced Security option to enable data protection. It is used to mask (redact) sensitive data shown to the user in real-time. To enable this option during installation, see the *Enabling Data Redaction* section in the [OFS AAI Installation and Configuration Guide](#). To enable post-installation, see the *Data Redaction* section in the [OF SAAI Administration and Configuration Guide](#).
- **CSRF Enabled:** This option results in setting the Cross-Site Request Forgery (CSRF) tokens in requests. OFSAAI System Configuration UI provides the option to enable or disable CSRF. For more information on enabling CSRF, see the *Update General Details* section in the [OFS AAI User Guide](#).
- **Key Management:** The OFSAA configuration schema (CONFIG) is the repository to store passwords for users and application database schemas centrally. These values are AES 128-bit encrypted using an encryption key uniquely generated for each OFSAA instance during the installation process. The OFSAA platform provides a utility (`EncryptC.sh`) to rotate or generate a new encryption key if required.

The *Key Management* section in the [OFS AAI Administration and Configuration Guide](#) explains how to generate and store this key in a Java Key Store.

**NOTE** Integration with any other Key Management solution is out of the scope of this release.

- **File Encryption:** OFSAA supports file encryption using AES 256-bit format. For more information, see the *File Encryption* section in the [OFS AAI Administration and Configuration Guide](#).

## 4 Secure Header Configuration

Secure Header configurations protect you from website attacks such as XSS and Clickjacking. For more information, see the *Secure Header Configurations* chapter in the [OFS AAI Security Guide](#),

## 5 **Web Application Server Security Configuration**

Depending on your configured web application server, see the sections in the *Web Application Server Security Configurations* chapter in the [OFS AAI Security Guide](#).

## 6 **Additional Security Configuration**

See the *Additional Security Configurations* chapter in the [OFS AAI Security Guide](#) for more information.

## OFSAA Support

Raise a Service Request (SR) in [My Oracle Support \(MOS\)](#) for queries related to the OFSAA applications.



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