

# **Oracle Insurance Accounting Analyzer Extension Pack**

## **Security Guide**

**Release 8.1.x**

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**ORACLE**  
Financial Services

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## Oracle Insurance Accounting Analyzer Extension Pack Security Guide

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# Document Control

Version Number	Revision Date	Change Log
1.0	February 2023	This document captures the necessary security-related configurations for Release 8.1.2.0.0.

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# 1 Installing the Oracle Insurance Accounting Analyzer Extension Pack

For detailed installation steps, see the [Oracle Insurance Accounting Analyzer Extension Pack Installation and Configuration Guide Release 8.1.2.0.0](#).

## 2 Secure Configurations

The Oracle Insurance Accounting Analyzer Extension Pack application components are developed on the OFSAA infrastructure and use the OFSAAI secure configurations.

See the following sections to configure the security parameters in OFSAAI.

### 2.1 Security Configurations

Configure a set of security parameters to have a secure environment for OFSAA installation. The required configurations are presented in the following list. For more details on the configurations, see the [OFSAAI Administration and Configuration Guide](#) and the [OFSAAI Security Guide 8.1.x](#).

- **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 [OFSAAI Installation and Configuration Guide](#). To enable post-installation, see the *Data Redaction* section in the [OFSAAI Administration and Configuration Guide](#).
- **CSRF Enabled:** This option results in setting the CSRF tokens in requests. The 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 [OFSAAI 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 [OFSAAI 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 [OFSAAI Administration and Configuration Guide](#).

For detailed information about data security implemented in OFSDF, see the [Oracle Financial Services Data Foundation Data Protection Implementation Guide Release 8.1.x](#).

### **3 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 [OFSAAI Security Guide](#).

### **4 Web Application Server Security Configurations**

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

### **5 Additional Security Configurations**

See the [OFSAAI 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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