

Oracle Financial Services Data Foundation Application Pack

Security Guide

Release 8.1.x

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Document Control

Version Number	Revision Date	Change Log
1.0	30-April-2020	This document captures the necessary security-related configuration.

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1 Installing the Oracle Financial Services Data Foundation Application Pack

For detailed installation steps, see the [Oracle Financial Services Data Foundation Application Pack Installation and Configuration Guide Release 8.1.0.0.0](#).

2 Secure Configuration

A set of configuration must be performed to have a secure environment for OFSAA installation. The configuration are discussed in the following sections. For more information, see the [Oracle Financial Services Advanced Analytical Applications Infrastructure Administration and Configuration Guide Release 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 [Oracle Financial Services Advanced Analytical Applications Infrastructure Installation Guide Release 8.1.0.0.0](#). To enable post-installation, see the *Data Redaction* section in the [Oracle Financial Services Advanced Analytical Applications Infrastructure Administration and Configuration Guide Release 8.1.x](#).
- **CSRF Enabled:** This option results in setting the 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 [Oracle Financial Services Advanced Analytical Applications Infrastructure User Guide Release 8.1.0.0.0](#).
- **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 [Oracle Financial Services Advanced Analytical Applications Infrastructure Administration and Configuration Guide Release 8.1.x](#) 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 [Oracle Financial Services Advanced Analytical Applications Infrastructure Administration and Configuration Guide Release 8.1.x](#).

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

3 Secure Header Configuration

Secure header configuration protect you from website attacks such as XSS and Clickjacking. For more information, see the *Secure Header Configurations* section in the [Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack Security Guide Release 8.1.x](#).

4 Web Application Server Security Configuration

Depending on your configured web application server, see the *Web Application Server Security Configurations* section in the [Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack Security Guide Release 8.1.x](#).

5 Additional Security Configuration

See the [Oracle Financial Services Advanced Analytical Applications Infrastructure Application Pack Security Guide Release 8.1.x](#) 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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