

# Oracle® FCCM Compliance Agent Cloud Service

## Licensing Information User Manual



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# Preface

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## Related Resources

For more information, see these Oracle resources:

- Oracle Public Cloud: <http://cloud.oracle.com>
- Community: Use <https://community.oracle.com/customerconnect/> to get information from experts at Oracle, the partner community, and other users.
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Convention	Meaning
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## 2

# Oracle Financial Services Compliance Agent Cloud Service

The following table lists the third party software tools used in the application.

**Table 2-1 Third Party Software Tools**

Products	Licensing Description
<p>Oracle Financial Services Crime and Compliance Management Cloud Service includes the following products:</p> <ul style="list-style-type: none"> <li>• Oracle Financial Services Crime and Compliance Management Cloud Service</li> </ul>	<p>Third party software tools used in the application:</p> <ul style="list-style-type: none"> <li>• commons-dbc2.jar</li> <li>• spring-boot-starter-web</li> <li>• spring-boot-starter-actuator</li> <li>• spring-boot-starter-data-jpa</li> <li>• sprint boot</li> <li>• spring-boot-starter-jdbc</li> <li>• apache_poi</li> <li>• Freemarker</li> <li>• Spring-cloud-kubernetes-ribbon</li> <li>• Spring-cloud-starter-kubernetes-netflix</li> <li>• spring-boot-starter</li> <li>• spring-cloud-starter-openfeign</li> <li>• spring-boot-starter-log4j2</li> <li>• spring-boot-starter-jetty</li> <li>• spring-cloud-starter-config</li> <li>• spring-cloud-starter-loadbalancer</li> <li>• spring-cloud-starter-kubernetes-all</li> <li>• spring-boot-starter-cache</li> <li>• spring-boot-starter-log4j2</li> <li>• spring-cloud-starter-config</li> <li>• spring-cloud-starter-openfeign</li> <li>• tomcat-embed-jasper</li> <li>• spring-boot-starter-jdbc</li> <li>• Commons Collections</li> <li>• Commons Logging</li> <li>• Commons Pool</li> <li>• httpcore</li> <li>• commons codec</li> <li>• HttpComponents HttpClient</li> <li>• Commons Lang</li> <li>• Xerces2 Java</li> <li>• Kubernetes Java Client</li> <li>• joda-time</li> <li>• Enterprise Security API (ESAPI)</li> <li>• jackson-core.jar</li> <li>• jackson-databind.jar</li> <li>• jackson- annotations.jar</li> <li>• Eclipselink (Eclipse Distribution License - v 1.0)</li> <li>• jetty</li> <li>• lodash</li> <li>• knockout-postbox</li> <li>• jQuery</li> <li>• Moment-Timezone</li> <li>• HikariCP</li> <li>• liquibase</li> <li>• jason-java</li> <li>• JSON</li> <li>• Quartz Job Scheduler</li> <li>• slf4j</li> </ul>



**Table 2-1 (Cont.) Third Party Software Tools**

Products	Licensing Description
	<ul style="list-style-type: none"> <li>• elastic search</li> <li>• Font Awesome</li> <li>• Jboss</li> </ul>
Oracle Financial Services Compliance Agent Cloud Service includes the following products: <ul style="list-style-type: none"> <li>• Oracle Financial Services Compliance Agent Cloud Service</li> </ul>	Third party software tools used in the application: <b>Python Dependencies</b> <ul style="list-style-type: none"> <li>• gym (0.17.3)</li> <li>• ray (1.3.0)</li> <li>• pandas (1.4.2)</li> <li>• Tensorflow (2.9.1)</li> <li>• python-oracledb (1.1.1)</li> </ul>

# 3

## Third-party Notices

### Open Source Software

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Provider	Component	Functionality	Licensing Information
Apache Software Foundation	<ul style="list-style-type: none"> <li>commons-dbcp2.jar</li> <li>spring-boot-starter-web</li> <li>spring-boot-starter-actuator</li> <li>spring-boot-starter-data-jpa</li> <li>sprint boot</li> <li>spring-boot-starter-jdbc</li> <li>apache_poi</li> <li>Freemarker</li> <li>Spring-cloud-kubernetes-ribbon</li> <li>Spring-cloud-starter-kubernetes-netflix</li> <li>spring-boot-starter</li> <li>spring-cloud-starter-openfeign</li> <li>spring-boot-starter-log4j2</li> <li>spring-boot-starter-jetty</li> <li>spring-cloud-starter-config</li> <li>spring-cloud-starter-loadbalancer</li> <li>spring-cloud-starter-kubernetes-all</li> <li>spring-boot-starter-cache</li> <li>spring-boot-starter-log4j2</li> <li>spring-cloud-starter-config</li> <li>spring-cloud-starter-openfeign</li> <li>tomcat-embed-jasper</li> <li>spring-boot-starter-jdbc</li> <li>Commons Collections</li> <li>Commons Logging</li> <li>Commons Pool</li> <li>httpcore</li> <li>commons codec</li> <li>HttpComponents HttpClient</li> <li>Commons Lang</li> <li>Xerces2 Java</li> <li>Kubernetes Java Client</li> </ul>	Scripting Platform Platform Persistence Tier & Install	<p>The Apache Software Foundation.</p> <p>This product includes software developed by The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>.</p> <p>For a copy of the license, see <a href="#">Apache License, Version 2.0</a>.</p>

Provider	Component	Functionality	Licensing Information
	<ul style="list-style-type: none"> <li>joda-time</li> </ul>		
BSD license	Enterprise Security API (ESAPI)	Open source, web application security control library designed to write lowerrisk applications.	Licensed under the New BSD license. For a copy of the license, see <a href="#">The 3-Clause BSD License</a> .
FasterXML, LLC	<ul style="list-style-type: none"> <li>jackson-core.jar</li> <li>jackson-databind.jar</li> <li>jackson-annotations.jar</li> </ul>	Data binding	<p>Jackson is available under the Apache License, Version 2.0. The Apache Software Foundation.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>.</p> <p>For a copy of the license, see <a href="#">Apache License, Version 2.0</a>.</p>
Eclipse Foundation, Inc.	<ul style="list-style-type: none"> <li>Eclipse Distribution License - v 1.0)</li> <li>jetty</li> </ul>	Integrated development environment, used to develop applications	<p>Eclipse Distribution License - v 1.0.</p> <p>Eclipse Foundation, Inc. and its licensors.</p> <p>For a copy of the license, see <a href="#">Eclipse</a> and <a href="#">Eclipse Public License</a>.</p>
OpenJS Foundation	lodash	Makes JavaScript easier by taking the hassle out of working with arrays, numbers, objects, strings, etc	lodash is licensed under The MIT license. For a copy of the license, see <a href="#">The MIT License</a> .
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JS Foundation and other contributors	<ul style="list-style-type: none"> <li>jQuery</li> <li>Moment-Timezone</li> </ul>	jQuery plugin for embed a excellike spreadsheet in your apps or website	jQuery and Moment-Timezone are licensed under The MIT license. For a copy of the license, see <a href="#">The MIT License</a> .

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Nathan Voxland	liquibase	open-source database-independent library for tracking, managing and applying database schema changes	<p>Copyright © 1999-2012 The Apache Software Foundation.</p> <p>This product includes software developed by The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>.</p> <p>For a copy of the license, see <a href="#">Apache License, Version 2.0</a>.</p>
JSON.org	<ul style="list-style-type: none"> <li>• jason-java</li> <li>• JSON</li> </ul>	Used for interacting with application programming interfaces (APIs) on the web and provides different types that are used to compose messages.	<p>JSON is licensed under The MIT license. For a copy of the license, see <a href="#">The MIT License</a>.</p>

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QOS.ch	slf4j	Provides a simple abstraction of all the logging frameworks	<p>Based on <a href="http://opensource.org/licenses/MIT">http://opensource.org/licenses/MIT</a></p> <p>Year: 2017 Copyright Holder: Jeroen Ooms.</p> <p>For a copy of the license, see <a href="#">The MIT License</a>.</p>
Elastic search	elastic search	Highly scalable open-source full-text search and analytics engine.	<p>The Apache Software Foundation.</p> <p>This product includes software developed by The Apache Software Foundation (<a href="http://www.apache.org/">http://www.apache.org/</a>).</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>.</p> <p>For a copy of the license, see <a href="#">Apache License, Version 2.0</a>.</p>
fontawesome	Font Awesome	SVG, font, and CSS toolkit.	<p>All non-font and non-icon files are licensed under The MIT license. For a copy of the license, see <a href="#">The MIT License</a>.</p>

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# 4

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Name: requests

Home-page: <https://requests.readthedocs.io>

Author: Kenneth Reitz

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Name: msgpack

Home-page: <https://msgpack.org/>

Author: Inada Naoki

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Name: prometheus-client

Home-page: [https://github.com/prometheus/client\\_python](https://github.com/prometheus/client_python)

Author: Brian Brazil

Prometheus instrumentation library for Python applications

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Name: opencensus

Home-page: <https://github.com/census-instrumentation/opencensus-python>

Author: OpenCensus Authors

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Name: aiohttp-cors

Home-page: <https://github.com/aio-libs/aiohttp-cors>

Author: Vladimir Rutsky and aio-libs team

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Name: aiohttp

Home-page: <https://github.com/aio-libs/aiohttp>

Author: Nikolay Kim

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Name: grpcio

Home-page: <https://grpc.io>

Author: The gRPC Authors

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Name: redis

Home-page: <https://github.com/andymccurdy/redis-py>

Author: Andy McCurdy

Name: py-spy

Home-page: <https://github.com/benfred/py-spy>

Author: Ben Frederickson

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Name: PyYAML

Home-page: <https://github.com/yaml/pyyaml>

Author: Kirill Simonov

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Name: jsonschema

Home-page: <https://github.com/Julian/jsonschema>

Author: Julian Berman

Name: gpustat

Home-page: <https://github.com/wookayin/gpustat>

Author: Jongwook Choi

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Name: aioredis

Home-page: <https://github.com/aio-libs/aioredis>

Author: Alexey Popravka

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Name: filelock

Home-page: <https://github.com/benediktschmitt/py-filelock>

Author: Benedikt Schmitt

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Name: protobuf

Home-page: <https://developers.google.com/protocol-buffers/>

Author: protobuf@googlegroups.com

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Name: colorama

Home-page: <https://github.com/tartley/colorama>

Author: Jonathan Hartley

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Name: click

Home-page: <https://palletsprojects.com/p/click/>

Author: Armin Ronacher

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Name: numpy

Home-page: <https://www.numpy.org>

Author: Travis E. Oliphant et al.

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## 4.9 Pandas

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numpy

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Files: numpy/linalg/lapack\_lite/\*

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Name: tempita

Files: tools/npy\_tempita/\*

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Name: dragon4

Files: numpy/core/src/multiarray/dragon4.c

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Name: libdivide

Files: numpy/core/include/numpy/libdivide/\*

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six

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python-dateutil

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Name: LAPACK

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dragon4

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Adapted from a C++ implementation of Chris Doty-Humphrey's SFC PRNG.

<https://gist.github.com/imneme/f1f7821f07cf76504a97f6537c818083>

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The rk\_random and rk\_seed functions algorithms and the original design of the Mersenne Twister RNG:

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Original algorithm for the implementation of `rk_interval` function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

Constants used in the `rk_double` implementation by Isaku Wada.

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### Components

Many parts of this module have been derived from original sources, often the algorithm's designer. Component licenses are located with the component code.

Name: nymphy.core.ma

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to

Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes(2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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4th party Dependencies Done

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