

Oracle® Tuxedo JCA Adapter

Release Notes

12c Release 1 (12.1.1)

June 2012

ORACLE®

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Oracle Tuxedo JCA Adapter Release Notes

Oracle Tuxedo JCA Adapter 12c Release 1 (12.1.1)
Date: June 2012

Revision Date	Summary of Change
June 2012	GA Release

This chapter contains the following topics:

- [About This Oracle Tuxedo JCA Adapter Release](#)
- [Oracle Tuxedo JCA Adapter Installation Prerequisites](#)
- [Oracle Tuxedo JCA Adapter Platform Support](#)
- [Interoperability](#)
- [Where to Get Product Documentation](#)
- [Contacting Oracle Customer Support](#)

About This Oracle Tuxedo JCA Adapter Release

Release 12c R1 (12.1.1)

What's New and Improved

Oracle Tuxedo JCA Adapter (Tuxedo JCA Adapter) 12c R1 (12.1.1) introduces the following features:

Transaction Context Propagation Started from Oracle Tuxedo

XA transaction context can be propagated from Oracle Tuxedo applications to JEE applications.

Integration with JDeveloper SOA Extension

Tuxedo JCA Adapter is integrated with the Oracle JDeveloper SOA Extension for enhanced user experience. This feature allows user applications to access Oracle Tuxedo services through SOA components without needing to write any code.

Conversational APIs

JEE applications can access Oracle Tuxedo ATMI conversational services.

For more information, see [Oracle Tuxedo JCA Adapter Users Guide](#), [Oracle Tuxedo JCA Adapter Programming Guide](#), and [Oracle Tuxedo JCA Adapter Reference Guide](#).

New Data Type Support

Supports nested View32 data types.

For more information, see [Data Type Mapping and Message Conversion](#) in the Oracle SALT Programming Guide.

Oracle Tuxedo JCA Adapter Installation Prerequisites

Tuxedo JCA Adapter is contained in a single resource archive file (`com.oracle.tuxedo.TuxedoAdapter.rar`), which can be downloaded from the Oracle product download Web site: <http://www.oracle.com/technology/software/index.html>.

Installation requires the following prerequisites:

- Access to JDK 1.5 or later
- 5 MB free disk space

- A text editor or XML editor
- Requires unrestricted strength jurisdiction policy file if encryption is required

For more information, see the [Oracle Tuxedo JCA Adapter Users Guide](#).

Oracle Tuxedo JCA Adapter Platform Support

The following application servers are certified for use with Tuxedo JCA Adapter:

- WebLogic Server version 11gR1 and 12c
- IBM WebSphere 7.0, 8.0, 8.5
- RedHat JBoss 5.1.0.GA, 6.0.0.Final
- RedHat JBoss Enterprise Application Platform 7.0

Note: For JBoss EAP 7.0, Oracle Tuxedo JCA Adapter Rolling Patch 008 or later should be installed. If you encounter any problems using Tuxedo JCA Adapter with JBoss EAP 7.0, see [Oracle Tuxedo JCA Adapter 12c Troubleshooting Guide for WildFly 8.2.0.Final and JBoss EAP 7.0](#).

- WildFly 8.2.0.Final

Note: For WildFly 8.2.0.Final, Oracle Tuxedo JCA Adapter Rolling Patch 006 or later should be installed. If you encounter any problems using Tuxedo JCA Adapter with WildFly 8.2.0.Final server, see [Oracle Tuxedo JCA Adapter 12c Troubleshooting Guide for WildFly 8.2.0.Final and JBoss EAP 7.0](#).

- JDeveloper SOA 11gR1 (11.1.1.4.0) (for JCA and Jdev Integration)
- Oracle SOA Suite 12c (12.1.3.0.0)

Tuxedo JCA Adapter is expected to run on all OS platforms supported by these application servers.

Where to Get Product Documentation

Documentation for this product is available from the Oracle corporate Web site at <http://www.oracle.com/technology/documentation/index.html>.

To access the .PDF files, open the Tuxedo JCA Adapter documentation home page, click the .PDF files button and select the document you want to view or print. If you do not have the Adobe Acrobat Reader, you can get it for free from the Adobe Web site at <http://www.adobe.com>.

Interoperability

Tuxedo JCA Adapter 12c Release 1 (12.1.1) is interoperable with most Oracle Tuxedo releases. [Table 1](#) lists Oracle Tuxedo release interoperability and limitations.

Table 1 Oracle Tuxedo Releases Interoperability and Limitations.

Oracle Tuxedo Release Interoperability	Limitation(s)
Oracle Tuxedo 6.5e	Requires interoperate set to "YES", no AES256, no user identity propagation, no SSL, no dynamic Remote Access Point registration
Oracle Tuxedo 7.1 to 9.x	No AES 256, no SSL, no dynamic Remote Access Point registration
Oracle Tuxedo 10.x to 11gR1 11.1.1.1.0	No dynamic Remote Access Point registration
Oracle Tuxedo 11gR1 11.1.1.2.0	No known limitations to date.
Oracle Tuxedo 12cR1 (12.1.1)	No known limitations to date.
Oracle Tuxedo 12cR2 (12.1.3)	No known limitations to date.

Contacting Oracle Customer Support

If you have any questions about this Tuxedo JCA Adapter version, or if you have problems installing and running the Tuxedo JCA Adapter, contact Oracle Customer Support through Oracle Web Support at <http://www.oracle.com/bee/support.html>.

When contacting Customer Support, be prepared to provide the following information:

- Your name, e-mail address, phone number, and fax number
- Your company name and company address
- Your machine type and authorization codes
- The name and version of the products you are using
- A description of the problem and the content of pertinent error messages

See Also

- [Oracle Tuxedo JCA Adapter Users Guide](#)
- [Oracle Tuxedo JCA Adapter Programming Guide](#)
- [Oracle Tuxedo JCA Adapter Reference Guide](#)

