

# **Oracle® Tuxedo**

Known and Resolved Issues

12c Release 1 (12.1.1)

June 2012

---

Oracle Tuxedo Known and Resolved Issues, 12c Release 1 (12.1.1)

Copyright © 1996, 2012, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this software or related documentation is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, duplication, disclosure, modification, and adaptation shall be subject to the restrictions and license terms set forth in the applicable Government contract, and, to the extent applicable by the terms of the Government contract, the additional rights set forth in FAR 52.227-19, Commercial Computer Software License (December 2007). Oracle USA, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

This software is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications which may create a risk of personal injury. If you use this software in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure the safe use of this software. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software in dangerous applications.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

This software and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

# Contents

## Known Issues

Known Limitations . . . . .	1
Product Constraints . . . . .	3



# Known Issues

The following sections describe known issues with the Oracle Tuxedo software and include recommended workarounds. The problems are listed by the Change Request (CR) number. The CR number is provided to facilitate the tracking of these problems.

Contact your Oracle Customer Support Center for assistance in the tracking of any unresolved problems. When contacting the Oracle Customer Support Center, please refer to the CR number.

- [Known Limitations](#)
- [Product Constraints](#)

## Known Limitations

[Table 1](#) describes the known limitations for Oracle Tuxedo and provides recommended workarounds.

**Table 1 Known Limitations**

1. <b>Best performance is obtained when buffer size is smaller than 100KB.</b>	
<b>Description</b>	When buffer size is greater than 100KB, Direct Cross Node Communication Leveraging RDMA feature lowers performance.
<b>Platforms</b>	All
<b>Workaround</b>	Disable Direct Cross Node Communication Leveraging RDMA feature when buffer size is greater than 100KB.

**Table 1 Known Limitations**

<b>2. Jolt SSL does not work with Oracle JDK 1.6 u32 and JDK 7</b>	
<b>Description</b>	Jolt SSL in Tuxedo 12cR1 does not work with Oracle JDK 1.6 u32 and JDK 7.
<b>Platforms</b>	All
<b>Workaround</b>	Use Oracle JDK 1.6 u26 with Jolt SSL.
<b>3. XmlHelper::save() loses content of XML document of mixed type</b>	
<b>Description</b>	<p>In a schema where a type is defined as follows:</p> <pre>&lt;xsd:complexType name="myType" mixed="true"&gt; ...</pre> <p>A document cannot be loaded by SDO XmlHelper, then saved as its original content. For example:</p> <pre>...     Dear Mr.&lt;name&gt;John Smith&lt;/name&gt;.     Your order &lt;orderid&gt;1032&lt;/orderid&gt;     will be shipped on &lt;shipdate&gt;2001-07-13&lt;/shipdate&gt;. ... can only be saved as: ...     &lt;name&gt;John Smith&lt;/name&gt;     &lt;orderid&gt;1032&lt;/orderid&gt;     &lt;shipdate&gt;2001-07-13&lt;/shipdate&gt; ...</pre>
<b>Platforms</b>	All
<b>Workaround</b>	These types of documents should be handled directly by the application code.
<b>4. Error data sent is ignored when Web service binding is used to connect two Tuxedo domains</b>	

**Table 1 Known Limitations**

<b>Description</b>	<p>The current implementation of Web services binding only returns the fault string when a SOAP fault occurs. For those services where fault detail may contain additional information or data (as handled by the GWWS SALT gateway), ServiceInvocationException has no place or mechanism to store this data.</p> <p>This may happen:</p> <ul style="list-style-type: none"> <li>• when attempting to invoke an existing Tuxedo service exposed as a Web service from an SCA component or SCA client.</li> <li>• only between two Tuxedo domains.</li> </ul>
<b>Platforms</b>	All
<b>Workaround</b>	Use ATMI binding and /Domain feature to connect two Tuxedo domains.
<b>5. JATMI binding does not support transaction.</b>	
<b>Description</b>	The JATMI binding crashed when running with transaction because the JATMI container does not have sufficient transaction support for TSESSION.
<b>Platforms</b>	All
<b>Workaround</b>	The services accessed may be configured as AUTOTRAN.
<b>6. JATMI reference binding does not check the presence of two different serviceType</b>	
<b>Description</b>	JATMI reference binding does not check the presence of two different serviceType, inputBufferType, outputBufferType and errorBufferType elements without specifying a target attribute.
<b>Platforms</b>	All
<b>Workaround</b>	To avoid this problem, you should not configure duplicated XML elements for ATMI binding without specifying target in the composite file.

## Product Constraints

[Table 2](#) describes product constraints for Oracle Tuxedo and provides recommended workarounds.

**Table 2 Product Constraints**

1.	<b>Have to rebuild TMS servers when upgrading tuxedo to 12.1.1</b>	
	<b>Description</b>	TMS server binaries have to be re-compiled and re-linked after upgrading Tuxedo to 12.1.1.
	<b>Platforms</b>	All
	<b>Workaround</b>	None.