Oracle® Tuxedo

Known and Resolved Issues

12*c* Release 1 (12.1.1)

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ORACLE

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

Contents

Known Issues

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

Table 1 describes the known limitations for Oracle Tuxedo and provides recommended workarounds.

Table 1 Known Limitations

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

Table 1 Known Limitations

2.	**Jolt SSL does not work with Oracle JDK 1.6 u32 and JDK 7**	
	Description	Jolt SSL in Tuxedo 12cR1 does not work with Oracle JDK 1.6 u32 and JDK 7.
	Platforms	All
	Workaround	Use Oracle JDK 1.6 u26 with Jolt SSL.
3.	**XmlHelper::save() loses content of XML document of mixed type**	

	Description	In a schema where a type is defined as follows:
		`<xsd:complexType name="myType" mixed="true"> ...`
		A document cannot be loaded by SDO XmlHelper, then saved as its original content. For example:
		`...`
		`Dear Mr.<name>John Smith</name>.`
		`Your order <orderid>1032</orderid>`
		`will be shipped on <shipdate>2001-07-13</shipdate>.`
		`...`
		`can only be saved as:`
		`...`
		`<name>John Smith</name>`
		`<orderid>1032</orderid>`
		`<shipdate>2001-07-13</shipdate>`
		`...`

	Platforms	All
	Workaround	These types of documents should be handled directly by the application code.
4.	**Error data sent is ignored when Web service binding is used to connect two Tuxedo domains**	

Table 1 Known Limitations

	Description	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. This may happen: • when attempting to invoke an existing Tuxedo service exposed as a Web service from an SCA component or SCA client. • only between two Tuxedo domains.
	Platforms	All
	Workaround	Use ATMI binding and /Domain feature to connect two Tuxedo domains.
5.	**JATMI binding does not support transaction.**	
	Description	The JATMI binding crashed when running with transaction because the JATMI container does not have sufficient transaction support for TSESSION.
	Platforms	All
	Workaround	The services accessed may be configured as AUTOTRAN.
6.	**JATMI reference binding does not check the presence of two different serviceType**	
	Description	JATMI reference binding does not check the presence of two different serviceType, inputBufferType, outputBufferType and errorBufferType elements without specifying a target attribute.
	Platforms	All
	Workaround	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.	**Have to rebuild TMS servers when upgrading tuxedo to 12.1.1**	
	Description	TMS server binaries have to be re-compiled and re-linked after upgrading Tuxedo to 12.1.1.
	Platforms	All
	Workaround	None.