Oracle® Tuxedo

Known and Resolved Issues

12*c* Release 1 (12.1.1)

June 2012

ORACLE

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

Contents

Known and Resolved Issues

Known and Resolved 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

Table 1 Known Limitations

	Workaround	Disable Direct Cross Node Communication Leveraging RDMA feature when buffer size is greater than 100KB.
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 u37 or 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.
7.	**Sometimes invoking tpabort in an Oracle Tuxedo client fails**	
	Description	This issue only occurs when a Java server is involved in a transaction. Sometimes the transaction is committed automatically before tpabort is invoked in an Oracle Tuxedo client.
	Platforms	Linux x86 32-bit
	Workaround	None
8.	**"Command.run( ): process completed before monitors could start" appears during installation**	

Table 1 Known Limitations

	Description	During Oracle Tuxedo installation, the following error message sometimes appears: "Command.run( ): process completed before monitors could start."
	Platforms	OEL5 x86 64-bit
	Workaround	You can safely ignore this message.

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.

Resolved Issues

Any software or documentation fixes that are made to Oracle Tuxedo 12c Release 1 (12.1.1) are reported in updates to this section.

Table 3 lists the software and documentation problems that have been fixed in Release 12c Release 1 (12.1.1). Problems are listed by bug number.

Table 3 Problems Fixed in Oracle Tuxedo 12c Release 1 (12.1.1)

1.	10087453	GWTDOMAIN connections not reported to event broker
2.	11075862	Request to improve tmqueue/tmqforward restart after they died
3.	11769303	Exception not always thrown by corba client timeout occurs within commit

Table 3 Problems Fixed in Oracle Tuxedo 12c Release 1 (12.1.1)

4. 12706766	TPNOTIY with a new flag to return immediatly after checking that client exist
5. 12895294	Need faddr/frange for gwtdomain
6. 13109309	tmadmin pq queue count too high for app servers on as5 multicore
7. 13350779	Dynamic change to min=0 for servers fails
8. 13354862	Enhancement request: new api to get the username (principal name) from security
9. 13358022	QMADMIN leaves orphan process
10. 13385815	Can not compil simpappssl corba sample provided by tuxedo product
11. 13449208	Possible gwtdomain hanging on message
12. 13458820	Enhancement request: shift-jis message catalog garbled on aix
13. 13476066	iiop request indefinitely waits for response
14. 13478819	gwtdomain core dump on _dom_freend
15. 13535072	Event notification thread goes into tight loop
16. 13594998	gwtdomain sometimes don't process any reqeust for some seconds
17. 13630313	Message leak when tm_mqi has multiple instances
18. 13649274	libfml_cat:3: error: no space in fielded buffer
19. 13724874	tmboot catalog error, nls:4: cannot open message catalog, libtux_cat,.lang=c
20. 13741289	Context leaks when using tpmulticontexts and tpu_thread with /ws client
21. 13895423	Building tuxedo mq adapter with only mq tx client installed
22. 13930115	[ER] tuxedo mq adapter fail recover mechanism
23. 13930116	[ER] allow mutli threading in tm mq adapter server
24. 13965614	gwws can not handle crlf
25. 13965770	[er] add patchlevel attribute winthin release xml element of registry.xml
26. 13994890	TM_KILL_WITH_BBLOCK does not work under high load
27. 14041741	MULTIPLE RDOMS ON ON_DEMAND mode cause other normal services not used

Table 3 Problems Fixed in Oracle Tuxedo 12c Release 1 (12.1.1)

28. 14116565	gwtdomain send dmkeepalive msg every second when remote domain no response
29. 14135406	CONVERSATIONAL SERVER SPAWN/DECAY FUNCTION doesn't work correctly
30. 14144929	gwws makes outbound call got tpesystem occasionally
31. 14214734	Outbound attribute failed with error type and/or subtype do not match
32. 14231888	/DOMAIN doesn't support fml32 buffer bigger then 70000 bytes
33. 14308647	rp installer outputs error message
34. 14323552	Q_CAT:1353 occurs when tpdequeue() rolled back
35. 14339774	wsl backlog can config in windows
36. 14348578	LIBTUX_CAT:681 occurs when long running on windows
37. 14354417	Service name not displayed when reporting libtux_cat:1401