

# **Oracle® Tuxedo**

Known and Resolved Issues

11g Release 1 (11.1.1.2.0)

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Oracle Tuxedo Known and Resolved Issues, 11g Release 1 (11.1.1.2.0)

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# 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](#)
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## Known Limitations

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

**Table 1 Known Limitations**

1. [TLISTEN] Slave node cannot be started. CMDTUX_CAT:4291 error message	
<b>Description</b>	Using Tuxedo 11gR1 as master in MP mode, if you installed a previous Tuxedo version and <i>did not change</i> tlisten password after installation, you will receive a security negotiation error message (CMDTUX_CAT: 4291).

**Table 1 Known Limitations**

<b>Platforms</b>	All
<b>Workaround</b>	In the previous Tuxedo version, you must add one blank line to <code>\$TUXDIR/udataobj/tlisten.pw tail</code> .

## Product Constraints

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

**Table 2 Product Constraints**

1. <b>BBL may fail to boot on AIX platform if MAXSERVICES value defined in UBBCONFIG is more than approximate 700000</b>	
<b>Description</b>	<ul style="list-style-type: none"><li>Tuxedo system binaries were compiled on AIX platform without using the Large Address-Space Model. Thus Tuxedo system servers can only access up to 256MB (only 1 segment) for heap and stack size altogether by default due to AIX process model constraints. If MAXSERVICES defined is very large and the needed heap size exceeds 256MB, BBL will result a malloc() failure and fail to boot.</li><li>Upper limit of the MAXSERVICES value on AIX platform by default is approximate 700000.</li></ul>
<b>Platforms</b>	IBM AIX
<b>Workaround</b>	<p>Starting from AIX 5, environment variable LDR_CNTRL is introduced to control the number of memory segment that a process can use for data.</p> <p>2 segments are enough to support the maximum MAXSERVICES value 1,048,575. It's recommended to set environment variable LDR_CNTRL only for booting Tuxedo, other Tuxedo command utilities with LDR_CNTRL setting may not work properly.</p> <p>Do the following sample steps:</p> <ol style="list-style-type: none"><li>ulimit -d unlimited</li><li>export LDR_CNTRL=MAXDATA=0x20000000</li><li>tmboot</li><li>unset LDR_CNTRL</li></ol>

## Resolved Issues

[Table 3](#) lists the software and documentation problems that have been fixed in Release 11g Release 1 (11.1.1.2.0). Problems are listed by bug number.

Any software or documentation fixes that are made to Tuxedo 11g Release 1 (11.1.1.2.0) are reported in updates to this section.

**Table 3 Problems Fixed in Oracle Tuxedo 11g Release 1 (11.1.1.2.0)**

Bug Number	Problem Description
1. 9502580	DDR occasionally cannot work when service cache is enabled
2. 9220136	ISL memory leak when multithreaded java client starts too many threads
3. 9363249	Recovery procedure since the backup in case of loss of primary
4. 9470763	tpcall() doesn't return TPED_TERM on Windows when Tuxedo is down
5. 9389675	tmadmin outputs garbled character in Japanese environment
6. 9355604	libtux_cat:2021 occurs after getting tpeos and using same buffer
7. 9478314	tpcall() return code was changed from TPENOENT to TPESYSTEM
8. 8593642	Warning message output with build command on HP-UX 11.31
9. 9342574	GWTDOMAIN crashes if domain ID exceeds 15 characters
10. 8160750	Performance downgrade comparing to Tuxedo 10gR3
11. 9716691	/WS client fails to return field values longer than 10 digitals
12. 9751315	Multithread BRIDGE crashes under a tiny time window
13. 9795195	GWTDOMAIN failed to restart when it is killed during loading stage
14. 9759594	Multithread BRIDGE hangs when slave machine partitioned
15. 9360333	Tuxedo servers fail to connect to Oracle DB after a soft failover
16. 9794476	libtux_cat:6017 occurs when interrupt client with tpu_thread
17. 9803110	Log IP address of disconnected client instead of "jolt_cat1175 warn: disconnecting listener connection to jolt client ..."

**Table 3 Problems Fixed in Oracle Tuxedo 11g Release 1 (11.1.1.2.0)**

18. 9878017	Cannot run dmloadcf against file generated by config from dmadmadmin
19. 9867460	tuxedo server status is wrong and cannot get request in heavy load
20. 9626469	Process cannot start under Windows 2003 after hundreds of servers booted
21. 9652886	Cannot delete heristic transaction in dmtlog
22. 9826466	Tuxedo backup node in mp conf hang when primary node crashed
23. 9500863	tm_gw_tran_route not working
24. 9886672	GWTDOMAIN crashes occasionally under heavy load