Oracle® Tuxedo

Known and Resolved Issues

12*c* Release 2 (12.1.3)

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ORACLE

Oracle Tuxedo Known and Resolved Issues, 12*c* Release 2 (12.1.3)

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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
- Product Constraints
- Resolved Issues

Known Limitations

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

Table 1 Known Limitations

1.	**Errors report when you shut down a connected domain.**	

	Description	LIBTUX_CAT:4055 and LIBGWT_CAT:1826 (or similar errors) occur at `tmshutdown` when Direct Cross Domain Communication Leveraging RDMA feature is enabled. They look like:
		`142407.713.slce04cn04!GWTDOMAIN.21455.1127651648.0: LIBTUX_CAT:4055: ERROR: No service '..GWA22' in group 'DOMGRP'`
		`49 142407.714.slce04cn04!GWTDOMAIN.21455.1127651648.0: LIBGWT_CAT:1826: ERROR: Cannot send deleting-remote-service request to GWADM due to error (TPENOENT - no entry found)`

	Platforms	Exalogic Linux x86 64 bit
	Workaround	None. Please ignore these messages.
2.	**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	Exalogic Linux 64 bit
	Workaround	Disable Direct Cross Node Communication Leveraging RDMA feature when buffer size is greater than 100KB.
3.	**XmlHelper::save() loses content of XML document of mixed type**	

Table 1 Known Limitations

	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**	
	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.**	

Table 1 Known Limitations

	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

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 12.1.3**	
	Description	TMS server binaries have to be re-compiled and re-linked after upgrading Tuxedo to 12.1.3.

Table 2 Product Constraints (Continued)

Platforms	All
Workaround	None.

Resolved Issues

Any software or documentation fixes that are made to Oracle Tuxedo 12*c* Release 2 (12.1.3) are reported in updates to this section.

Table 3 lists the software and documentation problems that have been fixed in 12*c* Release 2 (12.1.3). Problems are listed by bug number.

Table 3 Problems Fixed in Oracle Tuxedo 12*c* Release 2 (12.1.3)

Bug13965770	[er] add patchlevel attribute winthin release xml element of registry.xml
Bug14308647	rp installer outputs error message
Bug14231888	/DOMAIN DOESN'T SUPPORT FML32 BUFFER BIGGER THEN 70000 BYTES
Bug14323552	Q_CAT:1353 OCCURS WHEN TPDEQUEUE() ROLLED BACK
Bug14348578	LIBTUX_CAT:681 OCCURS WHEN LONG RUNNING ON WINDOWS
Bug14354417	service name not displayed when reporting libtux_cat:1401
Bug14339774	wsl backlog can config in windows
Bug14458756	fvstof32() and fvftos32() cannot work for nested view
Bug13833665	SSL renegotiation fixes for MP mode
Bug14202323	SSL renegotiation fixes for GWTDOMAIN
Bug14303003	not formatted xml data will route to default group for xpath ddr
Bug14294316	tlisten usage info need update
Bug14396432	SYSTEM ERROR 109 HAS OCCURED WHEN STTOPPING TUXEDO SERVICE
Bug14322318	LAUTHSVR WAS KILLED WHEN TPMIGLDAP AGAINST NEW FORMAT OF TPUSR FILE
Bug14266344	MP INTEROP: FAILURE TO DEQUEUE FROM MRQUE

Table 3 Problems Fixed in Oracle Tuxedo 12*c* Release 2 (12.1.3)

Bug14260500	WORKSTATION CLIENT FROM 6.5 FAILED TO CONNECT TO WSL OF 12C
Bug14591437	recovery on some transaction branches doesn't work
Bug14248621	tpdequeue() fails when using request buffer
Bug13416123	[er] tuxedo xa support __stdcall convention
Bug14310069	participant server cannot reconnect rm
Bug14208287	xa pending transaction after application of patch 13428506
Bug14357765	gwtdomain process didn't process request for some seconds
Bug14553139	GWTDOMAIN CORE DOMP AT GW_NW_SHUTDOWN WHEN TMSUTDOWN
Bug14580507	UNDOCUMENTED TUXEDO MESSAGE WHEN SERVERS START WITH -A ACCT PARAMETE
Bug13822295	GWTDOMAIN CAUSE HIGH CPU
Bug14629390	shmq: in high concurrent tpcall ipcq filled and performance declined
Bug14644756	JOLT DES KEY GENERATION ERROR
Bug14665785	REPORT GROUP AND SERVER ID, REQUEST AND REPLY QUEUES IN ULOG
Bug14665684	WRONG PLATFORM INFO REPORTED ON AIX 6.1
Bug14551116	ALLOW FLAT TYPE OF FML32 RETURNED BY TMA AS OPTION
Bug14664788	VIEWC32 REPORT ERROR INFO
Bug14604763	tmshutdown -g doesn't stop tms
Bug14605753	FBOOLEV32 SOMETIMES RETURNS A WRONG VALUE IN CASE OF ALTERNATION TO TEST
Bug14559312	memory leak occurs when calling tprealloc() for request buffer
Bug14678157	trantime defined in interfaces section of ubbconfig not used
Bug14682953	gwtdomain core at _e_net_poll
Bug14741381	Fix WSC error reply when SSL security credentials are missing
Bug14701217	Fix 64-bit Sparc mod_tuxedo.so and php/module/sca.so

Table 3 Problems Fixed in Oracle Tuxedo 12*c* Release 2 (12.1.3)

Bug14700290	LARGE PIDS NOT HANDLED CORRECTLY ON LINUX
Bug13527464	GWTDOMAIN CRASH AT GW_NW_SNPCONNTIMEOUTHANDLER FUNCTION
Bug14708371	libtux_cat:749 occurs under high load on hp-ux itanium
Bug14626644	CAN'T OPEN QSPACE AFTER ADDED 50 EXTENTS
Bug14760458	GWWS CAN NOT NORMAL RESTART BY BBL
Bug14615815	ERROR: SSL LIBRARY ERROR: ERR_MESSAGE WHEN USING 4096 B CERTIFICATES
Bug14648403	REVIEW LOG MESSAGE IN TSAM
Bug14512913	QUERY ULOG BACKWARDS
Bug15854540	common gtrid doesn't work well occasionally
Bug14708732	nalyze gwws core dumps
Bug14774299	TMA SNA ERROR CMDGW_CAT:1753 IN DYNAMIC CONFIGURATION WITH OUTBUFTYPE=FFML32
Bug14826957	HOTUPGRADE FROM TUXEDO11GR1 TO TUXEDO12C FAILED ON HP IA
Bug14800889	ABORTED TRANSACTIONS NUMBER ALWAYS 0 IN "SERVER STATISTICS"
Bug14811298	some issues found in samples/sca/simpapp
Bug14838969	QSPACE CAN NOT OPEN AFTER QADDEXT
Bug15879878	gwtdomain server running at high cpu when getting timeouts on wtc trans
Bug13434706	TLISTEN CAN RUN BY ROOT
Bug14755607	No tpcommit of tpforwarded AUTOTRAN after tpsuspend/tpresume
Bug15950244	need add "-xo4" option for solaris platform
Bug15848587	NEED NEW MIB FIELD FOR SCANUNIT WHICH CAN BE SET WITH "MS" SUFFIX
Bug17925902	ADDTDOMAIN COULD SET AN WRONG PORT

Table 3 Problems Fixed in Oracle Tuxedo 12*c* Release 2 (12.1.3)

Bug12680292	GWWS REPORTS GWWS_CAT:1029 WITH VIEW32 WHEN FIELD LENGTH EQUALS FIELD SIZE
Bug10076476	TUX9.1 : TPINIT FAILS WITH LIBTUX_CAT:1253 WHEN USING MULTI THREAD CLIENT
Bug11768233	QMADMIN COMMAND LOOPS WITH SCRIPT
Bug17924577	AFTER SET RESOURCES, DMUNLOADCF LOST MOST INFORMATION
Bug16168988	otmq easy configuration
Bug16300388	tpabort() failes with tperrno=0 when xa_rollback() reutrns xaer_nota
Bug16196813	to solve action table leaks, refine solution for bug 15879878
Bug16572277	salt can't handle complex web service and map back to fml32
Bug16614842	complextype required even if all subelements are not required
Bug16611447	SECURITY SET TO NONE AFTER SET TA_OPTIONS=EXT_MON,LAN IN MP DOMAIN
Bug16691036	soap messages containing several empty elements are not properly handled
Bug16712151	need enable bridge to check bbl's alive without resort to bb lock
Bug16860119	tuxedo usage for a salt empty namespace
Bug17015741	allow empty namespace, if paramschema is null use an alternate param name
Bug17014295	salt cannot convert wsdl after installing salt rp005 patch
Bug17254017	REPLY MESSAGE TYPE SHOULD BE MQMT_REPORT WHEN TPCALL() FAILS WITH TPESVCFAIL
Bug17274056	Fboolev32 segmentation fault when Fboolco32 compiled tree is over 65535 bytes
Bug16850070	Fix TM_MQI debug trace output corruption of dead letter header fields
Bug17180300	Add TM_MQI *QUEUE_MANAGER parameter DLQNAME
Bug17315151	Allow passing MQMD with message sent by TM_MQI
Bug14203297	iiop handler died crashing in _wsh_iiop_secpa() 3nction

Table 3 Problems Fixed in Oracle Tuxedo 12*c* Release 2 (12.1.3)

Bug17313775	Need manifest file attributes upate for JDK 7U25 with jar signing
Bug16532521	WRONG PRODUCT NAME IN PATCH DESCRIPTION FILE
Bug17325344	tux10gr3 jolt client version is incorrect
Bug10229845	tmwsdlflt crash in xercesc_2_5::schemastore::hasschemaitem ()
Bug17281421	gwws can't proprely convert empty element in data type double
Bug17388943	Use C locale when message catalog does not exist for current locale
Bug17394192	DEFINE HPUX IN SAML11STUB.H FOR BUILDING ON HPUX
Bug17338205	BUILD NEW TUX12CR1 RP ENVIRONMENT FOR HP, LINUX AND WINDOWS FOR VS2012
Bug17440407	Dynamic registration ax_reg error case fixes
Bug17338662	Sporadic disconnects: Jolt clients to JRLY to JRAD
Bug17440152	PORT TLOG2DB FEATURE FROM LINUX TO OTHER PLATFORMS
Bug17274136	Tran table entry for 0 group aborted transaction remains until next SCANUNIT
Bug17536325	TM_MQI message written to Dead Letter Queue is coded in ASCII instead of EBCDIC
Bug17481529	Incomplete TUXCONFIG file after CMDTUX_CAT:4679: Re-encryption error
Bug17599655	Failed to migrate group back to original machine by physical shutdown
Bug17592702	tpcall gets TPESYSTEM instead of TPETIME after TMS issues xa_rollback
Bug17506097	WSL crashed after TA_SUSPENDED back to NONE
Bug17740077	XDR decode error for some embedded FML buffers after Bug14231888 fix
Bug17756620	GWWS core dump when AUTHSVC call fails
Bug17675505	With MRM group, if Oracle DB is not 1st RM, XA calls after its restart fail
Bug17847024	Client throws TRANSACTION_ROLLEDBACK instead of CORBA.NO_PERMISSION
Bug17747642	New ud/ud32 -x option to remove SRVCNM from send buffer
Bug15977443	PORT TUXEDO 12C ON WINDOWS X86 32BIT

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Bug17918734	tmunloadcf gives CMDTUX_CAT:6987 on migrated backup node when third node runs 9.1 or earlier
Bug17750167	CLIENTS GET TPEPERM AGAINST TUXEDO APPLICATION WITH SECURITY OFF IN UBB
Bug12927119	TMSHUTDOWN FAILED. PROCESS GWTDOMAIN STILL EXISTS
Bug11875098	TMSHUTDOWN FAILED. PROCESS GWTDOMAIN STILL EXISTS
Bug18017954	dmloadcf fails against dmunloadcf result if MAXRETRY=0 in DMCONFIG file
Bug12637604	TLISTEN PORT DISAPPEARS IN TUXEDO ADMIN CONSOLE
Bug12689926	SALT11GR1PS1 ON LCAIX28 OF RP ENVIRONMENT
Bug12715959	FORMAL PATCH NEEDED FOR TM_MQO CORRELIDPFX TEST PATCH
Bug13891189	RECONNECTION HANDLING ISSUE BETWEEN TUXEDO AND DYNAMIC RM REGISTRATION
Bug16227024	NEED MORE INFORMATION FOR LIBGWT_CAT:1303
Bug16506218	TPNOTIFY WITH TPACK FLAG THROW OUT EXCEPTION
Bug18056428	Outbound service SSL handshake failure
Bug16442236	TUX11GR1PS1-64:CRM FAILOVER DOESN'T WORK
Bug16559151	/Q NEED SUPPORT ART CICS CANCEL COMMAND
Bug14741088	GWTDMAIN HANG, NOT RECEIVE DATA FROM NETWORK
Bug18200942	TPCALL TAKING LONG TIME WHEN USING SHMQ ON EXALOGIC
Bug17969987	Need SETTCPNODELAY for winsock
Bug18075996	OUTBOUND REQUEST FAILS DUE TO SOAP RESPONSE MESSAGE TOO BIG
Bug17970987	tpterm() disconnect from WSH is not graceful
Bug18220382	WSH sends some data after WS client closes the connection
Bug17975858	Allow multiple services to map to the same TMJAVASVR method

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Bug18056371	[TUXEDO 11.1.1.2 RP100] LIBTUX_CAT:1461: ERROR: COULD NOT ADVERTISE .TMJMX.
Bug18097257	ADD OPTION TO LOG IGNORE NOSUCHFIELDERROR EXCEPTION FOR JOLT TEST PURPOSE
Bug18280636	TM_MQO unable to get user for appkey -2147483648 with ACL enabled
Bug12947562	TUXEDO GWTDOMAIN CAN NOT HANDLE ROLLBACK TRANSCATION SUCCESSFULLY
Bug13576302	LIBPLUGIN_CAT:1000 OCCURS WITH WSH WHEN USING LLE
Bug12942834	DMKEEPALIVE DO'N'T WORK FOR LAP OR GW HAS SOME REQUEST
Bug18264442	rename jolt_signed.jar and add jolt_unsigned.jar for tux12cr2
Bug18369729	openinfo string changes after tmunloadcf
Bug15892580	TUXEDO MIB BASED PROGRAM TO FETCH /Q QUEUE INFO PRODUCES ERROR IN SLAVE
Bug18266447	[ER]UNABLE TO PUT CONTROL FILE FOR TMSYSEVT AND/OR TMUSREVT IN DESIRED DIRECTORY
Bug16574783	error when enabling vps trace
Bug18174998	ISH unreleased lock on LIBTUX_CAT:5005: WARN: USEM[0] lock appears stuck
Bug14740843	TUXWSVR DOES NOT WORK WITH 32BIT BINARY
Bug13599251	GWTDOMAIN PROCESS AFFINITIZED TO CPU-0
Bug16033962	TA_REQUEST_VERSION CANNOT BE CONFIGURED AS REQUEST_VERSION="NUMBER" IN UBB
Bug16340034	LIBTUX_CAT:749 OCCURS WITH CLEANUPSRV USING TMNOTHREDS=Y
Bug13453379	GWTDOMAIN.EXE PROCESSES HUNG ON OPENVMS 8.3-1H1
Bug18415503	tpcommit hangs when using TPU_THREAD in /WS client
Bug16892062	auto discovered ud32 generated services has srvcnm field
Bug13054129	RESTARTSRV LOOPS WHEN MESSAGE QUEUE IS REMOVED

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Bug13853161	LIBTUX.SO IS MISSING WITH CORBA CLIENT INSTALL
Bug12968213	[SALT] NETACCESSOREXCEPTION:COULD NOT CONNECT TO THE SOCKET
Bug9507418	TUX9.1 JOLT POOL CREATION PROBLEM ON MANAGED SERVER WITH JOLT 9.1 LIBRARY
Bug13656251	TUX SERVERS CORE DUMP WHEN SHUTDOWN ON RHEL PLATFORM
Bug18359013	Blocktime for imported domain service does not work when using Jolt client
Bug18600742	BRIDGE is crashing when slave TMSYSEVT fails
Bug13584763	SERVER CRASH
Bug16032822	RESTART BBL FAILS WHEN NO SERVER AVAILABLE
Bug9793636	after time out in transaction server doesn't send reply
Bug10394785	outbound calls fails if soap response message is too big
Bug13455820	shift-jis message catalog garbled on aix
Bug13996916	URN, INBUF AND OUTBUF SHOULD BE DELETED IN SOAP
Bug14307285	er for remove namespace and replacement for env variable xsdfiles
Bug14560599	UNABLE TO USE ESCAPED CHARACTERS IN FML BOOLEAN REGEXP
Bug15828008	AFTER SWITCH THE MASTER NODE TO SLAVE, THE DBBL ON THE MASTER STILL EXISTS
Bug15840676	ServletSessionPool.call throws NoSuchFieldError with dataset
Bug15871022	[BACKPORT]FAIL TO MODIFY UBB OF A TUXEDO SECURITY DOMAIN IN TSAM/TUXEDO 12C
Bug15945421	PROC NAME IS WRONG ON THE SOLARIS PLATFORM
Bug15988564	Endless LIBTUX_CAT:216 messages for a terminated server
Bug15994600	dmunloadcf should quote LTPNAME= parameter
Bug15994640	dmunloadcf should quote LTPNAME= parameter

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Bug16014791	ta_monthrnum always 0 at solaris sparc
Bug16035796	TA_FILTER does not affect T_APPQMSG class result
Bug16071022	DOMAIN REQUESTS FAILOVER 4 TIMES OR MORE TURN BACK TO THE ORIGINAL LOAD FACTOR
Bug16223402	FORMAT CHOSEN BY FPRINT32()/FFPRINT32() WHEN PRINTING AN FLD_DOUBLE FIELD
Bug16227897	CPY2VIEW32: SUB STRUCTURES MISSING IN CONVERSION
Bug16272376	DDR RETURNS TPESVCERR NO FAILOVER WHEN CAN'T RESOLVE HOST NAME OF PRIMARY
Bug16283101	TPESYSTEM for tpcall from Tuxedo 11.1.1.3 to WLE 5.1
Bug16291760	UD32 SCRIPT CREATE DOMAIN ISSUE
Bug16419963	TMPING OUTPUT CMDTUX_CAT:1590 WITH MP CONFIGURATION
Bug16442413	TMBOOT SEQUENCE DOES NOT FOLLOW SRVID ON HP-UX
Bug16458603	[TUX PORT] VS2012 PORTING FOR TUX12GR1
Bug16466449	TPCALL() CALLS SUSPENDED SERVICE
Bug16466792	BACKPORT 12C MIB FEATURES TO 10GR3
Bug16625811	Environment variable TUX_SIGNAL_ULOGPATTERN=signo:regexp
Bug16632545	LIBGW_CAT:1020: ERROR: Can't lock gateway shared memory is possible
Bug16700690	ft_propagate_tuxtodb could not work well with database
Bug16723524	[er] allow empty name space (ns)
Bug16758024	GWTDOMAIN STILL RUNNING AFTER DOMAIN IS SHUTDOWN IN TUXEDO 10.3.0.0 RP 113
Bug16759589	t_appqspace mib behavior is different from linux
Bug16803907	gp_cat:1069 was seen after enable tsam
Bug16806296	TSAM 12 : CHMO RETURN TMADMIN_CAT : 111 ERROR : NO SUCH COMMAND ON TUXEDO 10.109

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Bug16806373	AUTHSVR interdomain interop problem between 11g or later and 10gR3 or earlier
Bug16806956	GWWS_CAT:47: ERROR: FAILED TO START GWWS INSTANCE
Bug16811172	VIEWC32 FAIL TO COMPILE THE VIEW FILE GENERATED BY CPY2VIEW32
Bug16817329	EM CAN'T GET THE WSL AND JSL METRICS ON HPUX
Bug16844468	"GP_CAT:1069" WAS SEEN AFTER ENABLE TSAM
Bug16898655	IN PSR REPORT CURRENT SERVICE STAY POPULATED IF EMBEDDED SERVICE CALLED
Bug16930222	MIB can report SCANUNIT_EXT instead of SCANUNIT
Bug16965152	xa related java server cannot shutdown successful
Bug16993570	TMADMIN/PSR DISPLAYS WRONG SERVICE NAME
Bug17009195	log LIBTUX_CAT:1270 at BBL startup if TM_BBL_SAFE_WAKEUP set
Bug17015876	allow empty namespace
Bug17039961	NEED MORE TRACES ON GWSNAX ABOUT ERRORS IN CONVERSION AND BUFFER CONTENTS
Bug17039998	THE BASE BUG FOR THE BUG: 16778620 - THE TUXEDO PART CHANGE
Bug17053072	"BS-6E85.C", LINE 35: REMARK #4295-D: ABSTRACT FUNCTION TYPE DECLARED
Bug17201307	TMIPCRM DOES NOT REMOVE ALL SHARED MEMORY
Bug17213117	PRINTDOMAIN COMMAND IN DMADMIN TOOL IS CRASHING (SEGMENTATION FAULT/CORE)
Bug17213541	AIX native client did not call tpterm automatically at exit
Bug17916761	BLR BACKPORT OF BUG 14760458 ON TOP OF VERSION 12.1.1.0.0
Bug17998466	"GP_CAT:1069" WAS SEEN AFTER ENABLE TSAM AT DEUTSCHE BANK
Bug18453404	tmshutdown '-g' option does not stop tms servers
Bug15834937	SALT 11G BUILDSCASERVER AND BUILDSCACLIENT COREDUMP ON SLC00PZG

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Bug13699923	inbound_process_time metrics value does not update with time interval
Bug14838332	URN, INBUF AND OUTBUF SHOULD BE DELETED IN SOAP
Bug16439133	tuxedo/salt 12c tux (fml) to xml conversion issue when fldnum is specified in the repository