

TPX for z/OS 5.4
CA RS 2306 Service List

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Service	Description	Type
LU09601	TPX990E ABEND U0237 - MODULE=FREECB , TASK=RTEPROG	PTF
LU10235	TPX MODULE TRACING ENHANCEMENT	PTF
LU10250	FIX SB INDEX POINTER TO CORRECT ADDRESS	PTF
The CA RS 2306 service count for this release is 3		

TPX for z/OS
CA RS 2306 Service List for CB0V540

FMID	Service	Description	Type
CB0V540	LU09601	TPX990E ABEND U0237 - MODULE=FREECB , TASK=RTEPROG	PTF
	LU10235	TPX MODULE TRACING ENHANCEMENT	PTF
	LU10250	FIX SB INDEX POINTER TO CORRECT ADDRESS	PTF
The CA RS 2306 service count for this FMID is 3			

Service	Details
LU09601	LU09601 M.C.S. ENTRIES = ++PTF (LU09601) REWORK(2023131) TPX990E ABEND U0237 - MODULE=FREECB , TASK=RTEPROG PROBLEM DESCRIPTION: The U0237 ABEND code occurs for users who exit, Sign off, or terminate their terminals in TPX improperly. This causes terminals to be delinked and trigger the LOSTERM EXIT to clean up any associated control blocks and return them to the storage pool or free queue chain for reusability. Because the timing issue, the RTEPROG thread is also trying to clean up the same control blocks that have already been freed and reused that causes the user abend. The PTF will properly manage the control block cleanup process to eliminate unnecessary redundancy and handle the U0237 ABEND. TPXL0803 MENU INPUT FOR SIGNED-OFF USER, DELINK TPXL0142 ***** ESTAE ENTERED FOR ABEND ***** TPX990E ABEND U0237 - MODULE=FREECB , TASK=RTEPROG . . TPX991I SDUMP IN PROGRESS.. . TPX992I RECOVERY WILL BE ATTEMPTED.. . This PTF also adds sb-address (terminal address) to the following TPX messages for debug purposes. TPXL0800 MENU INPUT FOR SIGNED-OFF USER sb-address TPXL0802 MENU INPUT FOR SIGNED-OFF USER, INVALID SB TYPE sb-address TPXL0803 MENU INPUT FOR SIGNED-OFF USER, DELINK sb-address SYMPTOMS: TPX generates the TPX990E ABEND U0237 message and takes a SYSUDUMP / SYSMDUMP dump. IMPACT: The U0237 ABEND only occurs for users who are exiting or signing off their terminals. This condition will not impact any new or existing users who are using TPX. Also, the TPX address space will stay up and continue to function. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: TPX for z/OS Release 5.4 Related Problem: TPX 20048 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00119-TPX054 DESC(TPX990E ABEND U0237 - MODULE=FREECB , TASK=RTEPROG). ++VER (Z038) FMID (CB0V540) PRE (LU07125) SUP (LT09601 R080080 S015092 ST15092) ++HOLD (LU09601) SYSTEM FMID(CB0V540) REASON (ACTION) DATE (23131) COMMENT (TPX for z/OS Release 5.4 SEQUENCE After Apply PURPOSE The new RTEPROG module will be loaded.

TPX for z/OS 5.4
CA RS 2306 - PTF LU09601 Details

Service	Details
	USERS AFFECTED ALL. +-----+ KNOWLEDGE SMP/E, z/OS, Operations. REQUIRED +-----+ ACCESS TPX startup JCL. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** 1. Apply the solution. 2. Recycle TPX.).

Service	Details
LU10235	LU10235 M.C.S. ENTRIES = ++PTF (LU10235) REWORK(2023142) TPX MODULE TRACING ENHANCEMENT PROBLEM DESCRIPTION: Add TPX Menu Handler Module (SMV1PROG) to the TPX Module Trace functionality to improve TPX diagnosis capabilities. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: TPX for z/OS Release 5.4 Related Problem: TPX 20479 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00122-TPX054 DESC(TPX MODULE TRACING ENHANCEMENT). ++VER (Z038) FMID (CB0V540) PRE (LU07125) SUP (LT09601 LT10235 LU09601 R080080 S015092 ST15092) ++HOLD (LU10235) SYSTEM FMID(CB0V540) REASON (ACTION) DATE (23142) COMMENT (<pre> +-----+ TPX for z/OS Release 5.4 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE The new RTEPROG module will be loaded. +-----+-----+ USERS AFFECTED ALL. +-----+-----+ KNOWLEDGE SMP/E, z/OS, Operations. REQUIRED +-----+-----+ ACCESS TPX startup JCL. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Apply the solution. 2. Recycle TPX.).</pre>

Service	Details	
LU10250	LU10250 M.C.S. ENTRIES = ++PTF (LU10250) REWORK(2023144)	
	FIX SB INDEX POINTER TO CORRECT ADDRESS	
	PROBLEM DESCRIPTION:	
	This PTF will mitigate the potential issue - application switching with /J (command char + J) in TPX.	
	SYMPTOMS:	
	None. No symptoms because Register 2 is still pointing to the working address.	
	With the existing logic, the switch session functionality may not work on future module updates if the existing reference register is not updated to register 4.	
	IMPACT:	
	None.	
	CIRCUMVENTION:	
	None.	
	PRODUCT(S) AFFECTED:	
	TPX for z/OS	Release 5.4
	Related Problem:	
	TPX 20430	
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	R00123-TPX054	
	DESC(FIX SB INDEX POINTER TO CORRECT ADDRESS).	
	++VER (Z038)	
	FMID (CB0V540)	
	PRE (LU07125 LU09601 LU10235 S015092)	
	SUP (LT10250 R080080)	
	MCS LU09601	STARTS ON PAGE 0002
	MCS LU10235	STARTS ON PAGE 0003
	MCS LU10250	STARTS ON PAGE 0005

TPX for z/OS 5.4
CA RS 2306 Product/Component Listing

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Product Family	Product	Release
Traditional Management	TPX	05.04.00
The CA RS 2306 Product/Component Count for this release is 1		

TPX for z/OS 5.4
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR2306	LU10250	CB0V540
	LU10235	CB0V540
	LU09601	CB0V540
CAR2304	LU09605	CB0V54F
	LU09604	CB0V54E
	LU09511	CB0V54D
	LU09505	CB0V54C
	LU09502	CB0V54B
	LU09489	CB0V549
	LU09485	CB0V548
	LU09467	CB0V547
	LU09463	CB0V546
	LU09395	CB0V545
	LU09384	CB0V544
	LU09278	CB0V543
	LU09277	CB0V542
	LU09085	CB0V540
	LU07831	CB0V541
CAR2303	LU07830	CB0V54G
	LU03420	CB0V540
CAR2301	LU08222	CB0V540
CAR2211	LU05964	CB0V541
CAR2210	LU07518	CB0V540
	LU07304	CB0V549
	LU07303	CB0V548
	LU07302	CB0V547
	LU07301	CB0V546
	LU07300	CB0V545
	LU07299	CB0V544
	LU07298	CB0V543
	LU07297	CB0V542
	LU07296	CB0V541
	LU07295	CB0V540
	LU07294	CB0V54G
	LU07293	CB0V54F
	LU07292	CB0V54E
	LU07291	CB0V54D
	LU07290	CB0V54C
	LU07289	CB0V54B
	LU07288	CB0V54A
	LU07134	CB0V549
	LU07133	CB0V548
	LU07132	CB0V547
	LU07131	CB0V546
	LU07130	CB0V545
	LU07129	CB0V544
	LU07128	CB0V543

TPX for z/OS 5.4
All CA RS Levels Service List

CA RS Level	Service	FMID
	LU07127	CB0V542
	LU07126	CB0V541
	LU07125	CB0V540
	LU07124	CB0V54G
	LU07123	CB0V54F
	LU07122	CB0V54E
	LU07121	CB0V54D
	LU07120	CB0V54C
	LU07119	CB0V54B
	LU07118	CB0V54A
	LU07106	CB0V540
	LU07018	CB0V541
	LU06465	CB0V540
CAR2208	LU06446	CB0V540
	LU04176	CB0V540
CAR2202	LU03576	CB0V549
	LU03575	CB0V548
	LU03574	CB0V547
	LU03573	CB0V546
	LU03572	CB0V545
	LU03571	CB0V544
	LU03570	CB0V543
	LU03569	CB0V542
	LU03568	CB0V541
	LU03567	CB0V540
	LU03566	CB0V54G
	LU03565	CB0V54F
	LU03564	CB0V54E
	LU03563	CB0V54D
	LU03562	CB0V54C
	LU03561	CB0V54B
	LU03560	CB0V54A
	LU03532	CB0V540
CAR2201	LU03322	CB0V540
CAR2112	LU03182	CB0V540
	LU03170	CB0V541
CAR2111	SO15525	CB0V540
	SO15092	CB0V540
	LU02974	CB0V541
	LU02973	CB0V54G
	LU02805	CB0V540
CAR2106	LU00638	CB0V540
CAR2104	LU00441	CB0V540
CAR2101	SO15667	CB0V544
CAR2012	SO13947	CB0V540
CAR2009	SO14080	CB0V540
CAR2008	SO11537	CB0V541

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All CA RS Levels Service List

CA RS Level	Service	FMID
CAR2005	S012675	CB0V540
	S012336	CB0V540
CAR2003	S011715	CB0V540
CAR1912	S008045	CB0V540
CAR1911	S010117	CB0V540
CAR1905	S007753	CB0V540
CAR1903	S007373	CB0V540
	S007118	CB0V540
CAR1902	S006261	CB0V540
	S006242	CB0V540
	S005735	CB0V540
CAR1901	S006685	CB0V543
	S006227	CB0V543
CAR1810	S005454	CB0V543
CAR1808	S004515	CB0V540
	S004127	CB0V54A
	S004065	CB0V540
CAR1806	S001585	CB0V540
CAR1805	S001326	CB0V540
CAR1803	R093531	CB0V54A
CAR1802	S000151	CB0V541
	R098883	CB0V54A
	R097336	CB0V540
CAR1801	R099144	CB0V541
	R099143	CB0V540
CAR1709	R097687	CB0V540
CAR1708	R093536	CB0V548
CAR1707	R096326	CB0V548
	R095565	CB0V540
	R095030	CB0V540
CAR1706	R096186	CB0V540
	R095892	CB0V540
CAR1705	R095174	CB0V548
CAR1703	R094346	CB0V549
	R094345	CB0V548
	R094344	CB0V547
	R094343	CB0V546
	R094342	CB0V545
	R094341	CB0V544
	R094340	CB0V543
	R094339	CB0V542
	R094338	CB0V541
	R094337	CB0V540
	R094336	CB0V54G
	R094335	CB0V54F
	R094334	CB0V54E
	R094333	CB0V54D

CA RS Level	Service	FMID
	R094332	CB0V54C
	R094331	CB0V54B
	R093704	CB0V541
	R093703	CB0V540
	R093702	CB0V54G
CAR1702	R093368	CB0V540
	R092415	CB0V540
CAR1701	R092850	CB0V540
CAR1611	R092414	CB0V540
CAR1609	R090993	CB0V540
CAR1606	R087734	CB0V541
	R087733	CB0V540
	R086497	CB0V540
CAR1605	R089156	CB0V540
	R088919	CB0V540
CAR1604	R088705	CB0V54A
	R088554	CB0V548
	R088385	CB0V541
	R088384	CB0V540
CAR1603	R088547	CB0V540
	R087879	CB0V541
	R087651	CB0V540
CAR1602	R087327	CB0V541
CAR1601	R086684	CB0V541
	R086329	CB0V540
	R086291	CB0V540
	R086231	CB0V541
	R086230	CB0V540
	R086097	CB0V540
	R085818	CB0V540
CAR1511	R085514	CB0V540
	R085490	CB0V540
	R085299	CB0V54F
	R085298	CB0V546
	R085196	CB0V540
	R085195	CB0V540
	R085184	CB0V540
	R084473	CB0V540
CAR1510	R084922	CB0V54F
	R084921	CB0V546
	R084919	CB0V540
	R084475	CB0V540
	R084275	CB0V54G
	R084274	CB0V541
	R081873	CB0V541
CAR1508	R082665	CB0V540
CAR1505	R080080	CB0V540

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All CA RS Levels Service List

CA RS Level	Service	FMID
CAR1502	R077958	CB0V540
CAR1410	R073378	CB0V54G
	R073377	CB0V541
	R073376	CB0V540
	R072995	CB0V540
CAR1409	R072179	CB0V540
CAR1408	R072148	CB0V540
	R071806	CB0V540
	R071425	CB0V540
CAR1406	R070092	CB0V540
CAR1404	R067856	CB0V540
	R067411	CB0V540
CAR1403	R066029	CB0V540
	R063718	CB0V540