

panic(cpu 0 caller 0xfffffff01195270c): ANS2 Recoverable Panic - assert failed:
[11184]:HIX 50 timed out for segldx 0x2edc in 8.1 seconds, comp FIFO count 0,
bus=7, nandOp=11 - Timer(12)
assert failed: [11184]:HIX 50 timed out for segldx 0x2edc in 8.1 seconds, comp
FIFO count 0, bus=7, nandOp=11
RTKit: RTKit-2419.101.1.release - Client: t8012.release-
AppleStorageProcessorANS2-1306~20457~1306~20457
!UUID: 48ea8232-3dbe-3d74-af5c-c90b6c395a39
Time: 0x00000011e5b0cb01

Faulting task 12 Call Stack: 0x0000000000015724 0x00000000000150a0
0x0000000000014eac 0x0000000000017430 0x000000000001c944
0x000000000001c7bc 0x00000000000b50e8 0x000000000000556dc
0x0000000000003cc7c

Marin ASC Async error info:
l2c_err_sts 0x10001bfc00000000, l2c_err_adr 0000000000000000, l2c_err_inf
0000000000000000
lsu_err_sts 0000000000000000, fed_err_sts 0000000000000000, mmu_err_sts
0000000000000000
dpc_err_sts 0000000000000000

Mailbox (0): (0)
Inbox AKF_KIC_INBOX_CTRL = 0x00021101, AKF_KIC_MAILBOX_SET =
0x00001101
Outbox AKF_AP_OUTBOX_CTRL = 0x00021101, AKF_AP_MAILBOX_SET =
0x00000000

	dir	endpoint	timestamp	msg
	====	=====	=====	=====
[TX]		syslog	0x00000007c9b51ce0	0x0050000000000003
[RX]		syslog	0x00000007c9b528e4	0x0050000000000003
[RX]		management	0x00000007c9b53ed8	0x00b0000000000201
[TX]		management	0x00000007c9b54074	0x00b0000000000201
[RX]		management	0x00000007c9b551c0	0x0060000000000201
[TX]		management	0x00000000001142bc	0x00100000000c000c
[RX]		management	0x0000000000139038	0x00200000000c000c
[TX]		management	0x000000000013912c	0x008000000000001f
[RX]		management	0x000000000015144c	0x008000000000001f
[TX]		management	0x0000000000151474	0x0088000100000003
[RX]		management	0x0000000000153684	0x0088000100000003
[TX]		user02	0x0000000000153b00	0x0401000000000000
[RX]		user02	0x0000000000158580	0x0403000002000101
[RX]		user02	0x00000000001585f8	0x0205000000000000
[TX]		user02	0x0000000000159170	0x0405000000000100
[TX]		user02	0x00000000001591b8	0x0305000000000000
[RX]		user02	0x000000000015d26c	0x0206000000000000
[TX]		user02	0x000000000015d280	0x0306000000000000
[RX]		user02	0x00000000001678f4	0x0406000000000100
[TX]		management	0x0000000000317908	0x0070000000000020

[RX] management 0x00000000003186d0 0x00b0000000000020
[TX] syslog 0x0000000000318898 0x0050000000000000
[TX] syslog 0x00000000003188a4 0x0050000000000001
[TX] management 0x0000000000318908 0x00b0000000000020
[TX] syslog 0x0000000000318c98 0x0050000000000002
[RX] syslog 0x00000000003190cc 0x0050000000000000
[RX] syslog 0x00000000003191b4 0x0050000000000001
[RX] syslog 0x00000000003192a4 0x0050000000000002
[TX] syslog 0x0000000000325dc4 0x0050000000000003
[TX] syslog 0x0000000000325ea0 0x0050000000000004
[RX] syslog 0x0000000000328684 0x0050000000000003
[RX] syslog 0x0000000000328758 0x0050000000000004
[TX] syslog 0x00000000017736d4 0x0050000000000005
[TX] syslog 0x00000000017737e4 0x0050000000000006
[RX] syslog 0x0000000001773c70 0x0050000000000005
[RX] syslog 0x0000000001773da0 0x0050000000000006
[TX] syslog 0x00000001ad5c74e4 0x0050000000000007
[TX] syslog 0x00000001ad5c7538 0x0050000000000008
[TX] syslog 0x00000001ad5c7668 0x0050000000000009
[RX] syslog 0x00000001ad5c823c 0x0050000000000007
[RX] syslog 0x00000001ad5c8540 0x0050000000000008
[RX] syslog 0x00000001ad5c884c 0x0050000000000009
[TX] syslog 0x0000001522e68e70 0x005000000000000a
[RX] syslog 0x0000001522e69cc0 0x005000000000000a
[TX] syslog 0x000000152340b428 0x005000000000000b
[RX] syslog 0x000000152340c150 0x005000000000000b
[RX] management 0x000000152340e8e4 0x00b00000000000201
[TX] management 0x000000152340eaa8 0x00b00000000000201
[RX] management 0x000000152340fc8c 0x00600000000000201
[TX] management 0x0000000000190610 0x00100000000c000c
[RX] management 0x00000000001b14e8 0x00200000000c000c
[TX] management 0x00000000001b15c4 0x008000000000001f
[RX] management 0x00000000001b9ca8 0x008000000000001f
[TX] management 0x00000000001b9ccc 0x0088000100000003
[RX] management 0x00000000001b9fec 0x0088000100000003
[TX] user02 0x00000000001ba474 0x0401000000000000
[RX] user02 0x00000000001d5464 0x0403000002000101
[RX] user02 0x00000000001d54dc 0x0205000000000000
[TX] user02 0x00000000001d60a0 0x0405000000000100
[TX] user02 0x00000000001d60f0 0x0305000000000000
[RX] user02 0x00000000001e52ec 0x0206000000000000
[TX] user02 0x00000000001e5308 0x0306000000000000
[RX] user02 0x00000000001efd94 0x0406000000000100
[TX] management 0x00000000003a0e9c 0x0070000000000020
[RX] management 0x00000000003b0f60 0x00b0000000000020
[TX] syslog 0x00000000003b1128 0x0050000000000000
[TX] syslog 0x00000000003b1134 0x0050000000000001
[TX] syslog 0x00000000003b113c 0x0050000000000002
[TX] management 0x00000000003b11b0 0x00b0000000000020
[RX] syslog 0x00000000003b1d34 0x0050000000000000

[RX] syslog 0x00000000003b1e80 0x0050000000000001
[RX] syslog 0x00000000003b20ec 0x0050000000000002
[TX] syslog 0x00000000003b4afc 0x0050000000000003
[TX] syslog 0x00000000003b4bd8 0x0050000000000004
[RX] syslog 0x00000000003b6a28 0x0050000000000003
[RX] syslog 0x00000000003b6b88 0x0050000000000004
[TX] syslog 0x00000000003b5e8c 0x0050000000000005
[TX] syslog 0x00000000003b5fb0 0x0050000000000006
[RX] syslog 0x00000000003b68d8 0x0050000000000005
[RX] syslog 0x00000000003b6a90 0x0050000000000006
[TX] syslog 0x0000000001842a5f8 0x0050000000000007
[RX] syslog 0x0000000001842b1c4 0x0050000000000007
[TX] syslog 0x0000000001845fce0 0x0050000000000008
[RX] syslog 0x0000000001846043c 0x0050000000000008
[RX] management 0x00000000018466c5c 0x00b0000000000201
[TX] management 0x00000000018466e1c 0x00b0000000000201
[RX] management 0x00000000018467538 0x0060000000000201
[TX] management 0x0000000000118d7c 0x00100000000c000c
[RX] management 0x000000000013e148 0x00200000000c000c
[TX] management 0x000000000013e23c 0x008000000000001f
[RX] management 0x00000000001555cc 0x008000000000001f
[TX] management 0x00000000001555ec 0x0088000100000003
[RX] management 0x00000000001557f8 0x0088000100000003
[TX] user02 0x0000000000155c84 0x0401000000000000
[RX] user02 0x000000000015c950 0x0403000002000001
[RX] user02 0x000000000015c9bc 0x0205000000000000
[TX] user02 0x0000000000247410 0x0305000000000000
[RX] user02 0x0000000000249484 0x0206000000000000
[TX] user02 0x0000000000249628 0x0306000000000000
[TX] management 0x0000000000258e24 0x0070000000000020
[RX] management 0x0000000000259c00 0x00b0000000000020
[TX] syslog 0x0000000000259df4 0x0050000000000000
[TX] syslog 0x0000000000259dfc 0x0050000000000001
[TX] management 0x0000000000259e80 0x00b0000000000020
[TX] syslog 0x000000000025a184 0x0050000000000002
[RX] syslog 0x000000000025a65c 0x0050000000000000
[RX] syslog 0x000000000025a7a8 0x0050000000000001
[RX] syslog 0x000000000025a8e8 0x0050000000000002
[TX] syslog 0x0000000000267580 0x0050000000000003
[TX] syslog 0x0000000000267678 0x0050000000000004
[RX] syslog 0x0000000000267aa4 0x0050000000000003
[RX] syslog 0x0000000000267c38 0x0050000000000004
[TX] syslog 0x000000000042b46f8 0x0050000000000005
[TX] syslog 0x000000000042b481c 0x0050000000000006
[RX] syslog 0x000000000042b576c 0x0050000000000005
[RX] syslog 0x000000000042b5ab8 0x0050000000000006
[TX] syslog 0x0000000000696b948 0x0050000000000007
[TX] syslog 0x0000000000696ba44 0x0050000000000008
[RX] syslog 0x0000000000696ccc0 0x0050000000000007
[RX] syslog 0x0000000000696d004 0x0050000000000008

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[TX]    syslog 0x00000001ad4ee7b8 0x0050000000000009
[TX]    syslog 0x00000001ad4ee810 0x005000000000000a
[TX]    syslog 0x00000001ad4ee948 0x005000000000000b
[RX]    syslog 0x00000001ad4ef88c 0x0050000000000009
[RX]    syslog 0x00000001ad4efd40 0x005000000000000a
[RX]    syslog 0x00000001ad4f009c 0x005000000000000b
[TX]    syslog 0x00000011e51c3390 0x005000000000000c
[RX]    syslog 0x00000011e5244d84 0x005000000000000c

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RTKit Task List:

name	pri	stack use	status	resource	warning
0 rtk_ep_work	057	784/2048	SEMWAIT	0x18ae00	0x000000000000c324 0x000000000000cfcc 0x0000000000015a04
1 smc_mbox_work_loop	016	872/4096	SEMWAIT	0x189710	0x000000000000c350 0x000000000000cfcc 0x0000000000015a04
2 Null	015	712/4096	SEMWAIT	0x185340	0x000000000000c350 0x0000000000011f2e8 0x0000000000011f354 0x0000000000003cc7c
3 Update	015	1872/4096	SEMWAIT	0x183df0	0x000000000000c350 0x0000000000011efec 0x0000000000009a1dc 0x0000000000003cc7c
4 GC	015	1248/4096	SEMWAIT	0x182ad0	0x000000000000c324 0x0000000000011efec 0x00000000000096918 0x0000000000003cc7c
5 BG	015	2208/4096	SEMWAIT	0x181400	0x000000000000c350 0x0000000000011efec 0x00000000000054cc8 0x0000000000003cc7c
6 Push	015	1760/4096	SEMWAIT	0x1801e0	0x000000000000c324 0x0000000000011efec 0x000000000000a19ec 0x0000000000003cc7c
7 Raid	015	1296/4096	SEMWAIT	0x17ed10	0x000000000000c324 0x0000000000011efec 0x000000000000ef718 0x0000000000003cc7c
8 PreNand	015	912/4096	SEMWAIT	0xfffffff620ffec0	0x000000000000c324 0x0000000000011efec 0x0000000000003e96c 0x0000000000003cc7c
9 DataXfer	015	560/4096	SEMWAIT	0xfffffff620feef0	0x000000000000c350 0x0000000000011efec 0x000000000000e13b8 0x0000000000003cc7c
10 PostNand	015	784/4096	SEMWAIT	0xfffffff620fde70	0x000000000000c324 0x0000000000011efec 0x00000000000122cb0

0x0000000000003cc7c

11 Cmd | 015 | 1904/8192 | SEMWAIT | 0xffffffff620caf0 |
0x000000000000c324 0x000000000011efec 0x000000000011d4a4
0x0000000000003cc7c

12 Timer | 015 | 1360/4096 | RUNNABLE | 0 | [Faulting task]

13 power | 000 | 1280/4096 | WAITING | 0x1521d8 |
0x000000000000c350 0x000000000001461c

14 System Thread | 015 | 1120/4096 | SUSPENDED | 0 |
0x000000000000c324 0x00000000000009b64

15 aspcore timer tick | 061 | 288/4096 | SEMWAIT | 0xffffffff620f7c40 |
0x000000000000c324 0x0000000000003cf84

APCIE 0

Link 0: Present, link up (Gen3 X1), ltssm 0x14(L1_IDLE), VID/DID 0x106b/0x2004,
linksts 0x9b02143d, pcielint 0x00003000

L-state entries: [L0] 207159 [L1.0] 323369 [L1.1] 5 [L1.2] 116205

Link 1: Present, link up (Gen3 X1), ltssm 0x14(L1_IDLE), VID/DID 0x106b/0x2004,
linksts 0x9b02143d, pcielint 0x00003000

L-state entries: [L0] 227121 [L1.0] 355341 [L1.1] 6476 [L1.2] 122832

Link 2: Present, link up (Gen3 X1), ltssm 0x14(L1_IDLE), VID/DID 0x106b/0x2004,
linksts 0x9b02143d, pcielint 0x00003000

L-state entries: [L0] 206644 [L1.0] 324717 [L1.1] 6 [L1.2] 118067

Link 3: Present, link up (Gen3 X1), ltssm 0x14(L1_IDLE), VID/DID 0x106b/0x2004,
linksts 0x9b021435, pcielint 0x00003000

L-state entries: [L0] 207159 [L1.0] 324104 [L1.1] 6 [L1.2] 116939

APCIE 1

Link 0: Unknown, link disabled

Link 1: Unknown, link disabled

Link 2: Unknown, link disabled

Link 3: Unknown, link disabled

NVME 0

CC: 0x00470001, CSTS: 0x00000001

Admin SQ: 0x807e4c000, size: 65, tail/head: 5/5

Admin CQ: 0x807e44000, size: 65, tail/head: 5/5

I/O SQ : 0x807e10000, size: 65, tail/head: 23/23

I/O CQ : 0x807e48000, size: 65, tail/head: 23/23

NVME 1

ID: macOS 23E224

CC: 0x00470001, CSTS: 0x00000001

Admin SQ: 0x000010000, size: 129, tail/head: 4/4

Admin CQ: 0x00000c000, size: 129, tail/head: 4/4

I/O SQ : 0x000018000, size: 129, tail/head: 68/68
I/O CQ : 0x00000d000, size: 129, tail/head: 67/67

Nand_Desc : 0x19395
Unmasked HWINTMON [0] 0x0
Unmasked HWINTMON [1] 0x0
Unmasked HWINTMON [2] 0x0
Unmasked HWINTMON [3] 0x0

ASP summary:

HR=0xae5115 HW=0x15171dd3 CW=0x191819e NR=0x62769201
NW=0x52fe9350 M=0 Bu=769 Bi=0 D=0,0 V=365639KB BF=1, 2 L=7045 Q=1,1
E=0xfbd33 debugTrigger=0
KE=0x11 KY=0x0 KD=0x0 KT=0x143179 LA=0xe51c30fa KW=0xfbfef KQ=0
KT: EV=1024 id=10
0-0xe51bd34f 1-0xd99aa8d8 2-0xbbc6fb0 3-0xe3ae045f 4-0xe51bd339
5-0xd8b0f56f 6-0xe3adfe66 7-0xe2cab01a 8-0xe3ae0434 9-0xe2caac40
10-0xe51c30fa
KLA=0xe51c30fa LSSTS=0xe4f7921d DIFF=0x249edd Plf=0x0 SPw=0x0
SPtwc=0x0
FBB=0xd7 GBB=0x0 RXBD=0x0 RB=0x0 PROB=0x0
UB=0x166 UECC=0x0 IUECC=0x0 PFAIL=0x0 EFAIL=0x0 CPF=0x0 CRF=0x0
RRFH=0x0 RRFI=0x0 E2EF=0x0
FWU 0x19
User cycles: min=0x260 max=0x2cf ave=0x2bb
F[0]=222 F[1]=0 F[2]=0 F[3]=0 F[4]=273 F[5]=105 F[6]=1 F[7]=82 F[8]=2 F[9]=0
F[10]=1 F[11]=0 F[12]=769 F[13]=0 F[14]=0 F[15]=1 F[16]=0 F[17]=22 F[18]=0
F[19]=0
B: GM=0 S=3

MSP FW Version: msp_core_toshiba_mlc_3d_g3_2p_170-47.73.0

Buf: U=1 W=0

SegP:

W=0 LT=5228 LWC=10457 LWCFS=10585
Shared: C=11652 S=11 E=11868 F=4648
Shared: C=4504 S=11869 E=16383 F=11890
Prefetch: C=0 S=17935 E=18062 F=18063
Cache: C=1231 S=16384 E=17934 F=0

SegQs:

hostTime: hT[0]=0xd999fde1 hT[1]=0x0 hT[2]=0x0 hT[3]=0x0

SegQs.cmdQ

[0]:FF00, FF00, 0
[1]:FF01, FF01, 0
[2]:FF02, FF02, 0
[3]:FF03, FF03, 0
[4]:FF04, FF04, 0
[5]:FF05, FF05, 0

[6]:FF06, FF06, 0
[7]:FF07, FF07, 0
[8]:FF08, FF08, 0
[9]:FF09, FF09, 0

SegQs.retryQ

[0]:FF0A, FF0A, 0
[1]:FF0B, FF0B, 0
[2]:FF0C, FF0C, 0
[3]:FF0D, FF0D, 0

SegQs.writeQ

[0]:2EBF, 1EF, 48
[1]:FF0F, FF0F, 0
[2]:FF10, FF10, 0
[3]:FF11, FF11, 0
[4]:FF12, FF12, 0
[5]:FF13, FF13, 0
[6]:FF14, FF14, 0
[7]:FF15, FF15, 0
[8]:FF16, FF16, 0
[9]:FF17, FF17, 0
[10]:FF18, FF18, 0
[11]:FF19, FF19, 0
[12]:FF1A, FF1A, 0
[13]:FF1B, FF1B, 0
[14]:FF1C, FF1C, 0
[15]:FF1D, FF1D, 0
[16]:FF1E, FF1E, 0
[17]:FF1F, FF1F, 0
[18]:FF20, FF20, 0
[19]:FF21, FF21, 0

SegQs.writtenQ

[0]:FF22, FF22, 0
[1]:FF23, FF23, 0
[2]:FF24, FF24, 0
[3]:FF25, FF25, 0
[4]:FF26, FF26, 0
[5]:FF27, FF27, 0
[6]:FF28, FF28, 0
[7]:FF29, FF29, 0
[8]:FF2A, FF2A, 0
[9]:FF2B, FF2B, 0
[10]:FF2C, FF2C, 0
[11]:FF2D, FF2D, 0
[12]:FF2E, FF2E, 0
[13]:FF2F, FF2F, 0
[14]:FF30, FF30, 0
[15]:FF31, FF31, 0
[16]:FF32, FF32, 0
[17]:FF33, FF33, 0
[18]:FF34, FF34, 0

[19]:FF35, FF35, 0
SegQs.wipQ_GC
[0]:FF36, FF36, 0
SegQs.wipQ_nonGC
[0]:EB0, ED4, 328
SegQs.recvDataQ
[0]:FF38, FF38, 0
SegQs.sendDataQ
[0]:FF39, FF39, 0
SegQs.utilPend
[0]:FF3A, FF3A, 0
SegQs.clogPool
[0]:1, 4, 16
SegQs.Lonly
[0]:FF3C, FF3C, 0
SegQs.pushPagesQ
[0]:FF3D, FF3D, 0
SegQs.gcReads
[0]:FF3E, FF3E, 0
SegQs.eanReads
[0]:FF3F, FF3F, 0
SegQs.paritySavedQ
[0]:FF40, FF40, 0
[1]:FF41, FF41, 0
[2]:FF42, FF42, 0
[3]:FF43, FF43, 0
[4]:FF44, FF44, 0
[5]:FF45, FF45, 0
[6]:FF46, FF46, 0
[7]:FF47, FF47, 0
[8]:FF48, FF48, 0
[9]:FF49, FF49, 0
[10]:FF4A, FF4A, 0
[11]:FF4B, FF4B, 0
[12]:FF4C, FF4C, 0
[13]:FF4D, FF4D, 0
[14]:FF4E, FF4E, 0
[15]:FF4F, FF4F, 0
[16]:FF50, FF50, 0
[17]:FF51, FF51, 0
[18]:FF52, FF52, 0
[19]:FF53, FF53, 0
SegQs.pendingUnitCompleteQ
[0]:FF54, FF54, 0
[1]:FF55, FF55, 0
[2]:FF56, FF56, 0
[3]:FF57, FF57, 0
[4]:FF58, FF58, 0
[5]:FF59, FF59, 0
[6]:FF5A, FF5A, 0

[7]:FF5B, FF5B, 0
[8]:FF5C, FF5C, 0
[9]:FF5D, FF5D, 0
[10]:FF5E, FF5E, 0
[11]:FF5F, FF5F, 0
[12]:FF60, FF60, 0
[13]:FF61, FF61, 0
[14]:FF62, FF62, 0
[15]:FF63, FF63, 0
[16]:FF64, FF64, 0
[17]:FF65, FF65, 0
[18]:FF66, FF66, 0
[19]:FF67, FF67, 0
SegQs.cache_FS_CleanQ
[0]:4145, 4117, 57088
SegQs.cacheDirtyQ
[0]:FF69, FF69, 0
[1]:4153, 4153, 256
SegQs.cachePendQ
[0]:4F3, 4F3, 0
[1]:FF6C, FF6C, 0
[2]:FF6D, FF6D, 0
[3]:FF6E, FF6E, 0
SegQs.prefetchActiveQ
[0]:467A, 466D, 4064
SegQs.prefetchFreeQ
[0]:4621, 4621, 32
SegQs.clogLoadUpdateQ
[0]:FF71, 2E7D, 0
SegQs.clogPortableQ
[0]:FF72, FF72, 0
SegQs.clogPortableDoneQ
[0]:FF73, FF73, 0
SegQs.stolenQ
[0]:FF74, FF74, 0
SegQs.gcNoBlog
[0]:FF75, FF75, 0
SegQs.raidSaveSegQ
[0]:FF76, FF76, 0
SegQs.raidInBandParityWipQ
[0]:FF77, FF77, 0
SegQs.parityGenerateQ
[0]:FF78, FF78, 0
BP:
Mode Estimates:
0 | SLC estimate 1019, MLC/TLC estimate 993
1 | SLC estimate 1019, MLC/TLC estimate 1019
2 | SLC estimate 1019, MLC/TLC estimate 1019
L estimate 4000

BP:

Budgeting:

0 | Budget 2147483647 Adjust 0
1 | Budget 2147483647 Adjust 0
2 | Budget 2147483647 Adjust 0
3 | Budget 2147483647 Adjust 0
4 | Budget 2147483647 Adjust 0

Wos:

mLH=0x0 hIM=0x16 hBIM=0x2d IRM=0x141087 IWP=0x3 hP=0x57e40 hE=0x0
hN=0x0 sSE=0x0 sSN=0x0 bET1=0x0
IWM[0]=0x140ffa IWM[1]=0x14108a IWM[2]=0x1429a3 IWM[3]=0x141088
td=0x1000 hXW=0x0 FScC=0xdf FSec=0x50 FStc=0x130 FSus=0x1 Cds=0x1
ES=0x174 ePFM=0x0 FSW=0 uFS=1 uDS=1 s=1

Thermal Throttle Levels: read: 0, prog: 0, comm: 0

Fences:

fgen: [0 - 163] [1 - 163] [2 - 163] [3 - 161]
fsec: [0 - 0] [1 - 0] [2 - 0] [3 - 0] [4 - 0] [5 - 0] [6 - 0] [7 - 0] [8 - 0] [9 - 0] [10 - 0] [11 - 0] [12 - 0] [13 - 0] [14 - 0] [15 - 0] [16 - 0] [17 - 0] [18 - 0] [19 - 0] [20 - 0] [21 - 0] [22 - 0] [23 - 0] [24 - 0] [25 - 0] [26 - 0] [27 - 0] [28 - 0] [29 - 0] [30 - 0] [31 - 0] [32 - 0] [33 - 0] [34 - 0] [35 - 0] [36 - 0] [37 - 0] [38 - 0] [39 - 0] [40 - 0] [41 - 0] [42 - 0] [43 - 0] [44 - 0] [45 - 0] [46 - 0] [47 - 0] [48 - 0] [49 - 0] [50 - 0] [51 - 0] [52 - 0] [53 - 0] [54 - 0] [55 - 0] [56 - 0] [57 - 0] [58 - 0] [59 - 0] [60 - 0] [61 - 0] [62 - 0] [63 - 0] [64 - 0] [65 - 0] [66 - 0] [67 - 0] [68 - 0] [69 - 0] [70 - 0] [71 - 0] [72 - 0] [73 - 0] [74 - 0] [75 - 0] [76 - 0] [77 - 0] [78 - 0] [79 - 0] [80 - 0] [81 - 0] [82 - 0] [83 - 0] [84 - 0] [85 - 0] [86 - 0] [87 - 0] [88 - 0] [89 - 0] [90 - 0] [91 - 0] [92 - 0] [93 - 0] [94 - 0] [95 - 0] [96 - 0] [97 - 0] [98 - 0] [99 - 0] [100 - 0] [101 - 0] [102 - 0] [103 - 0] [104 - 0] [105 - 0] [106 - 0] [107 - 0] [108 - 0] [109 - 0] [110 - 0] [111 - 0] [112 - 0] [113 - 0] [114 - 0] [115 - 0] [116 - 0] [117 - 0] [118 - 0] [119 - 0] [120 - 0] [121 - 0] [122 - 0] [123 - 0] [124 - 0] [125 - 0] [126 - 0] [127 - 0] [128 - 0] [129 - 0] [130 - 0] [131 - 0] [132 - 0] [133 - 0] [134 - 0] [135 - 0] [136 - 0] [137 - 0] [138 - 0] [139 - 0] [140 - 0] [141 - 0] [142 - 0] [143 - 0] [144 - 0] [145 - 0] [146 - 0] [147 - 0] [148 - 0] [149 - 0] [150 - 0] [151 - 0] [152 - 0] [153 - 0] [154 - 0] [155 - 0] [156 - 0] [157 - 0] [158 - 0] [159 - 0] [160 - 0] [161 - 371] [162 - 1] [163 - 1] [164 - 0] [165 - 0] [166 - 0] [167 - 0] [168 - 0] [169 - 0] [170 - 0] [171 - 0] [172 - 0] [173 - 0] [174 - 0] [175 - 0] [176 - 0] [177 - 0] [178 - 0] [179 - 0] [180 - 0] [181 - 0] [182 - 0] [183 - 0] [184 - 0] [185 - 0] [186 - 0] [187 - 0] [188 - 0] [189 - 0] [190 - 0] [191 - 0] [192 - 0] [193 - 0] [194 - 0] [195 - 0] [196 - 0] [197 - 0] [198 - 0] [199 - 0] [200 - 0] [201 - 0] [202 - 0] [203 - 0] [204 - 0] [205 - 0] [206 - 0] [207 - 0] [208 - 0] [209 - 0] [210 - 0] [211 - 0] [212 - 0] [213 - 0] [214 - 0] [215 - 0] [216 - 0] [217 - 0] [218 - 0] [219 - 0] [220 - 0] [221 - 0] [222 - 0] [223 - 0] [224 - 0] [225 - 0] [226 - 0] [227 - 0] [228 - 0] [229 - 0] [230 - 0] [231 - 0] [232 - 0] [233 - 0] [234 - 0] [235 - 0] [236 - 0] [237 - 0] [238 - 0] [239 - 0] [240 - 0] [241 - 0] [242 - 0] [243 - 0] [244 - 0] [245 - 0] [246 - 0] [247 - 0] [248 - 0] [249 - 0] [250 - 0] [251 - 0] [252 - 0] [253 - 0] [254 - 0] [255 - 0]
NVRAM value string [40A0DDD2-77F8-4392-B4A3-1E7304206516:storage-prev-assert]:[0x661d75e7,11184,50,11996,8]
NVRAM value string [40A0DDD2-77F8-4392-B4A3-1E7304206516:storage-prev-assert-stored]:[0x661d75e7,0]
Sleep Count: 12809

Wake Count: 12626

Duty Cycle: 41

Buf:

mgrCC: fC=0x213 w=0x0 hW=0x3 mE=0x200 bl=0x1eb29 E->s=0x281 E->e=0x494

mgrCC ranges: 0{0x1eb29,0x1efbd} 1{0xffffffff,0xffffffff}

mgrGP: fC=0x1b00 w=0x0 hW=0x2 mE=0x34ec bl=0x1b611 E->s=0x0 E->e=0x1b00

mgrGP ranges: 0{0x1b611,0x1d111} 1{0xffffffff,0xffffffff}

mgrGC: fC=0x0 w=0x0 hW=0x6 mE=0x181 bl=0x1ce11 E->s=0xffff E->e=0xffff

mgrGC ranges: 0{0xffffffff,0xffffffff} 1{0xffffffff,0xffffffff}

Sleep Count: 12809

Wake Count: 12626

Duty Cycle: 41

RTBuddy(AP): Debug info:

_iopStatus = 0x8

_powerStateChangeLocked = false

Mailbox Status:

IDLE_STATUS: 0x00000028

MAILBOX_SET: 0x00000000

MAILBOX_CLR: 0x00000000

INBOX_CTRL: 0x00021101

OUTBOX_CTRL: 0x00022201

AP->IOP Mailbox Log:

Timestamp | Dir | Message

0x0000001ced3d3e14 | [RX] | Interrupt

0x0000001ced3d3e3c | [RX] | 0x0050000000000000 0x00408c0000000002

0x0000001ced3d3e4c | [RX] | 0x0050000000000001 0x00309c0000000002

0x0000001ced3d3e58 | [RX] | 0x0050000000000002 0x0020ac0000000002

0x0000001ced3d3e64 | [RX] | 0x00b0000000000020 0x0010bc0000000000

0x0000001ced3d4998 | [TX] | 0x0050000000000000 0x0000000000000002

0x0000001ced3d4aec | [TX] | 0x0050000000000001 0x0000000000000002

0x0000001ced3d4d4c | [TX] | 0x0050000000000002 0x0000000000000002

0x0000001ced3d7804 | [RX] | Interrupt

0x0000001ced3d7830 | [RX] | 0x0050000000000003 0x0010cd0000000002

0x0000001ced3d793c | [RX] | Interrupt

0x0000001ced3d7958 | [RX] | 0x0050000000000004 0x0010de0000000002

0x0000001ced3d9600 | [TX] | 0x0050000000000003 0x0000000000000002

0x0000001ced3d97f4 | [TX] | 0x0050000000000004 0x0000000000000002

0x0000001cf03d8e7c | [RX] | Interrupt

0x0000001cf03d8ec8 | [RX] | 0x0050000000000005 0x0020020000000002

0x0000001cf03d8ed8 | [RX] | 0x0050000000000006 0x0010120000000002

0x0000001cf03d951c | [TX] | 0x0050000000000005 0x0000000000000002

0x0000001cf03d9700 | [TX] | 0x0050000000000006 0x0000000000000002

0x0000001d0544d2ac | [RX] | Interrupt

0x0000001d0544d2f0 | [RX] | 0x0050000000000007 0x0010010000000002

0x0000001d0544ddd4 | [TX] | 0x0050000000000007 0x0000000000000002

0x0000001d05482cc0 | [RX] | Interrupt

0x0000001d05482ce4 | [RX] | 0x0050000000000008 0x0010120000000002
0x0000001d05483050 | [TX] | 0x0050000000000008 0x0000000000000002
0x0000001d054898c4 | [TX] | 0x00b00000000000201 00000000000000000
0x0000001d05489b00 | [RX] | Interrupt
0x0000001d05489b24 | [RX] | 0x00b00000000000201 0x0010230000000000
0x0000001d0548a1a0 | [TX] | 0x00600000000000201 00000000000000000
0x0000001d054afa74 | [RX] | Interrupt
0x0000001d054afa9c | [RX] | 0x00700000000000201 0x0010340000000000
0x0000001d0561a704 | [RX] | Interrupt
0x0000001d0561a75c | [RX] | 0x00100000000c000c 0x0010010000000000
0x0000001d0563f9f8 | [TX] | 0x00200000000c000c 00000000000000000
0x0000001d0563fc14 | [RX] | Interrupt
0x0000001d0563fc64 | [RX] | 0x008000000000001f 0x0010120000000000
0x0000001d05656e94 | [TX] | 0x008000000000001f 00000000000000000
0x0000001d05656f20 | [RX] | Interrupt
0x0000001d05656f40 | [RX] | 0x0088000100000003 0x0010230000000000
0x0000001d056570c4 | [TX] | 0x0088000100000003 00000000000000000
0x0000001d05657620 | [RX] | Interrupt
0x0000001d05657650 | [RX] | 0x0401000000000000 0x0010340000000021
0x0000001d0565e21c | [TX] | 0x0403000002000001 0x0000000000000021
0x0000001d0565e260 | [TX] | 0x0205000000000000 0x0000000000000021
0x0000001d05748d58 | [RX] | Interrupt
0x0000001d05748da8 | [RX] | 0x0305000000000000 0x0010450000000021
0x0000001d0574ac8c | [TX] | 0x0206000000000000 0x0000000000000021
0x0000001d0574b130 | [RX] | Interrupt
0x0000001d0574b160 | [RX] | 0x0306000000000000 0x0010560000000021
0x0000001d0575a760 | [RX] | Interrupt
0x0000001d0575a790 | [RX] | 0x0070000000000020 0x0010670000000000
0x0000001d0575b48c | [TX] | 0x00b0000000000020 00000000000000000
0x0000001d0575b910 | [RX] | Interrupt
0x0000001d0575b940 | [RX] | 0x0050000000000000 0x00307a0000000002
0x0000001d0575b950 | [RX] | 0x0050000000000001 0x00208a0000000002
0x0000001d0575b960 | [RX] | 0x00b0000000000020 0x00109a0000000000
0x0000001d0575ba90 | [RX] | Interrupt
0x0000001d0575baa4 | [RX] | 0x0050000000000002 0x0010ab0000000002
0x0000001d0575bf0c | [TX] | 0x0050000000000000 0x0000000000000002
0x0000001d0575c064 | [TX] | 0x0050000000000001 0x0000000000000002
0x0000001d0575c1a8 | [TX] | 0x0050000000000002 0x0000000000000002
0x0000001d05768f48 | [RX] | Interrupt
0x0000001d05768f78 | [RX] | 0x0050000000000003 0x0020bd0000000002
0x0000001d05768f88 | [RX] | 0x0050000000000004 0x0010cd0000000002
0x0000001d0576932c | [TX] | 0x0050000000000003 0x0000000000000002
0x0000001d05769504 | [TX] | 0x0050000000000004 0x0000000000000002
0x0000001d097b64b0 | [RX] | Interrupt
0x0000001d097b6538 | [RX] | 0x0050000000000005 0x0020020000000002
0x0000001d097b6550 | [RX] | 0x0050000000000006 0x0010120000000002
0x0000001d097b700c | [TX] | 0x0050000000000005 0x0000000000000002
0x0000001d097b7380 | [TX] | 0x0050000000000006 0x0000000000000002
0x0000001d0be6d374 | [RX] | Interrupt
0x0000001d0be6d3ec | [RX] | 0x0050000000000007 0x0020020000000002

0x0000001d0be6d408 | [RX] | 0x0050000000000008 0x0010120000000002
0x0000001d0be6e56c | [TX] | 0x0050000000000007 0x0000000000000002
0x0000001d0be6e8d0 | [TX] | 0x0050000000000008 0x0000000000000002
0x0000001eb29f0428 | [RX] | Interrupt
0x0000001eb29f04b4 | [RX] | 0x0050000000000009 0x0030030000000002
0x0000001eb29f04cc | [RX] | 0x005000000000000a 0x0020130000000002
0x0000001eb29f04e4 | [RX] | 0x005000000000000b 0x0010230000000002
0x0000001eb29f1144 | [TX] | 0x0050000000000009 0x0000000000000002
0x0000001eb29f160c | [TX] | 0x005000000000000a 0x0000000000000002
0x0000001eb29f1968 | [TX] | 0x005000000000000b 0x0000000000000002
0x0000002eea6c4ffc | [RX] | Interrupt
0x0000002eea6c5078 | [RX] | 0x005000000000000c 0x0010010000000002
0x0000002eea6c5b74 | [TX] | 0x005000000000000c 0x0000000000000002
0x0000002eeb0119f8 | [RX] | Interrupt
0x0000002eeb011a68 | [RX] | 0x0010400805d64000 0x0010120000000001
0x000000097717b760 | [RX] | 0x0050000000000008 0x0020130000000002
0x000000097717b774 | [RX] | 0x0050000000000009 0x0010230000000002
0x000000097717c284 | [TX] | 0x0050000000000007 0x0000000000000002
0x000000097717c5a4 | [TX] | 0x0050000000000008 0x0000000000000002
0x000000097717c8b4 | [TX] | 0x0050000000000009 0x0000000000000002
0x0000001ceca1cf50 | [RX] | Interrupt
0x0000001ceca1cf8c | [RX] | 0x005000000000000a 0x0010010000000002
0x0000001ceca1dccc | [TX] | 0x005000000000000a 0x0000000000000002
0x0000001cecfbf7f0 | [RX] | Interrupt
0x0000001cecfbf844 | [RX] | 0x005000000000000b 0x0010120000000002
0x0000001cecfc0170 | [TX] | 0x005000000000000b 0x0000000000000002
0x0000001cecfc2950 | [TX] | 0x00b0000000000201 0000000000000000
0x0000001cecfc2c54 | [RX] | Interrupt
0x0000001cecfc2c98 | [RX] | 0x00b0000000000201 0x0010230000000000
0x0000001cecfc3cf8 | [TX] | 0x0060000000000201 0000000000000000
0x0000001cecf98b4 | [RX] | Interrupt
0x0000001cecf9908 | [RX] | 0x0070000000000201 0x0010340000000000
0x0000001ced1b3304 | [RX] | Interrupt
0x0000001ced1b3354 | [RX] | 0x00100000000c000c 0x0010010000000000
0x0000001ced1d4134 | [TX] | 0x00200000000c000c 0000000000000000
0x0000001ced1d4358 | [RX] | Interrupt
0x0000001ced1d43b0 | [RX] | 0x008000000000001f 0x0010120000000000
0x0000001ced1dc910 | [TX] | 0x008000000000001f 0000000000000000
0x0000001ced1dc9c0 | [RX] | Interrupt
0x0000001ced1dc9f0 | [RX] | 0x0088000100000003 0x0010230000000000
0x0000001ced1dcc54 | [TX] | 0x0088000100000003 0000000000000000
0x0000001ced1dd178 | [RX] | Interrupt
0x0000001ced1dd1b0 | [RX] | 0x0401000000000000 0x0010340000000021
0x0000001ced1f80d0 | [TX] | 0x0403000002000101 0x0000000000000021
0x0000001ced1f8148 | [TX] | 0x0205000000000000 0x0000000000000021
0x0000001ced1f8f10 | [RX] | Interrupt
0x0000001ced1f8f64 | [RX] | 0x0405000000000100 0x0020460000000021
0x0000001ced1f8f7c | [RX] | 0x0305000000000000 0x0010560000000021
0x0000001ced207f58 | [TX] | 0x0206000000000000 0x0000000000000021
0x0000001ced208000 | [RX] | Interrupt

0x0000001ced208038 | [RX] | 0x0306000000000000 0x0010670000000021
0x0000001ced212a00 | [TX] | 0x0406000000000100 0x0000000000000021
0x0000001ced3c3b8c | [RX] | Interrupt
0x0000001ced3c3be4 | [RX] | 0x0070000000000020 0x0010780000000000
0x0000001ced3d3b84 | [TX] | 0x00b0000000000020 0000000000000000

Debugger message: panic

Memory ID: 0x6

OS release type: User

OS version: 21P4222

macOS version: 23E224

Kernel version: Darwin Kernel Version 23.4.0: Wed Feb 21 19:08:27 PST 2024;

root:xnu-10063.101.15~1/RELEASE_ARM64_T8010

KernelCache UUID: F6F06A530618C404DA8786EB4B97B15F

Kernel UUID: 95195E00-3880-32D0-881D-D62671898152

Boot session UUID: 3EC0F9FA-7A01-4753-B508-1A56FA84CBB3

iBoot version: iBoot-10151.101.3

secure boot?: YES

roots installed: 0

x86 EFI Boot State: 0xd

x86 System State: 0x0

x86 Power State: 0x0

x86 Shutdown Cause: 0x5

x86 Previous Power Transitions: 0x405060400

PCIeUp link state: 0x89271611

macOS kernel slide: 0x1da00000

Paniclog version: 14

Kernel slide: 0x000000000b848000

Kernel text base: 0xfffffff01284c000

mach_absolute_time: 0x2eeb201e34

Epoch Time: sec usec

 Boot : 0x661d464d 0x000f03db

 Sleep : 0x661d6958 0x000ec008

 Wake : 0x661d6964 0x0002a64e

 Calendar: 0x661d75e7 0x00026200

Zone info:

 Zone map: 0xfffffddf66c8000 - 0xffffffe3f66c8000

 . VM : 0xfffffddf66c8000 - 0xfffffddedcd2c000

 . RO : 0xfffffddedcd2c000 - 0xfffffddf299f8000

 . GEN0 : 0xfffffddf299f8000 - 0xffffffe01005c000

 . GEN1 : 0xffffffe01005c000 - 0xfffffe0f66c0000

 . GEN2 : 0xfffffe0f66c0000 - 0xfffffe1dcd28000

 . GEN3 : 0xfffffe1dcd28000 - 0xfffffe2c3390000

 . DATA : 0xfffffe2c3390000 - 0xfffffe3f66c8000

 Metadata: 0xfffffdc001a0000 - 0xfffffdc019a0000

 Bitmaps : 0xfffffdc019a0000 - 0xfffffdc01ac0000

 Extra : 0 - 0

TPIDRx_ELy = {1: 0xfffffddf29cff930 0: 0x0000000000000000 0ro:

0x0000000000000000 }

CORE 0 is the one that panicked. Check the full backtrace for details.

CORE 1: PC=0xffffffff01304b06c, LR=0xffffffff013018a9c, FP=0xffffffffeff47c39e0

Compressor Info: 0% of compressed pages limit (OK) and 0% of segments limit (OK)
with 0 swapfiles and OK swap space

Panicked task 0xfffffe1dce012b0: 0 pages, 227 threads: pid 0: kernel_task

Panicked thread: 0xfffffd29cff930, backtrace: 0xffffffffeff4667840, tid: 329

lr: 0xffffffff012a4717c fp: 0xffffffffeff46678b0

lr: 0xffffffff012b76d3c fp: 0xffffffffeff4667920

lr: 0xffffffff012b75d88 fp: 0xffffffffeff4667a00

lr: 0xffffffff012a09630 fp: 0xffffffffeff4667a10

lr: 0xffffffff012a46bb8 fp: 0xffffffffeff4667dc0

lr: 0xffffffff0130cefc4 fp: 0xffffffffeff4667de0

lr: 0xffffffff01195270c fp: 0xffffffffeff4667e70

lr: 0xffffffff011931b18 fp: 0xffffffffeff4667ea0

lr: 0xffffffff0130171c0 fp: 0xffffffffeff4667ee0

lr: 0xffffffff013016a30 fp: 0xffffffffeff4667f20

lr: 0xffffffff012a146c4 fp: 0x0000000000000000