

Kernel Panic Log

RESTART 1: 1/23/22 - 19:12:

panic(cpu 1 caller 0xfffffe0020864538): Spinlock[0xfffffe2fff77bf90] timeout
after 12592480 ticks; current state: 0x5547, start time: 1255398321312, now:
1255410913792, timeout: 12582912 @locks.c:723

Debugger message: panic

Memory ID: 0x1

OS release type: User

OS version: 21C52

Kernel version: Darwin Kernel Version 21.2.0: Sun Nov 28 20:28:41 PST 2021;

root:xnu-8019.61.5~1/RELEASE_ARM64_T6000

Fileset Kernelcache UUID: 88208EF24C07AA8B02CDA1369E036EBD

Kernel UUID: 2F4E22DC-64BE-3369-B574-0909F0571FA6

iBoot version: iBoot-7429.61.2

secure boot?: YES

Paniclog version: 13

KernelCache slide: 0x0000000018ee4000

KernelCache base: 0xfffffe001fee8000

Kernel slide: 0x0000000019710000

Kernel text base: 0xfffffe0020714000

Kernel text exec slide: 0x00000000197f8000

Kernel text exec base: 0xfffffe00207fc000

mach_absolute_time: 0x1244c5a9b75

Epoch Time: sec usec

 Boot : 0x61eb68bb 0x000b67ef

 Sleep : 0x61ededf4 0x000d5b22

 Wake : 0x61ededf5 0x000bf35c

 Calendar: 0x61edee58 0x000e3ded

Zone info:

Foreign : 0xfffffe00282fc000 - 0xfffffe0028310000

Native : 0xfffffe100031c000 - 0xfffffe300031c000

Readonly : 0xfffffe14ccfe8000 - 0xfffffe166697c000

Metadata : 0xfffffe7db08b4000 - 0xfffffe7dbc818000

Bitmaps : 0xfffffe7dbc818000 - 0xfffffe7dc8224000

CORE 0 PVH locks held: None

CORE 1 PVH locks held: None

CORE 2 PVH locks held: None

CORE 3 PVH locks held: None

CORE 4 PVH locks held: None

CORE 5 PVH locks held: None

CORE 6 PVH locks held: None

CORE 7 PVH locks held: None
CORE 8 PVH locks held: None
CORE 9 PVH locks held: None
CORE 0: PC=0xfffffe0020831b58, LR=0xfffffe0020831b44,
FP=0xfffffe6019043be0
CORE 1 is the one that panicked. Check the full backtrace for details.
CORE 2: PC=0xfffffe0020882f1c, LR=0xfffffe0020882f18, FP=0xfffffe601e713ef0
CORE 3: PC=0xfffffe0020882f1c, LR=0xfffffe0020882f18, FP=0xfffffe60fe233ef0
CORE 4: PC=0xfffffe002098327c, LR=0xfffffe0020983278,
FP=0xfffffe6019183e80
CORE 5: PC=0xfffffe0020882f1c, LR=0xfffffe0020882f18, FP=0xfffffe60e7e1bef0
CORE 6: PC=0xfffffe0020882f1c, LR=0xfffffe0020882f18, FP=0xfffffe70953f3ef0
CORE 7: PC=0xfffffe0020882f18, LR=0xfffffe0020882f18, FP=0xfffffe60190a3ef0
CORE 8: PC=0xfffffe0020882f1c, LR=0xfffffe0020882f18,
FP=0xfffffe60d6bcbef0
CORE 9: PC=0xfffffe0020882f18, LR=0xfffffe0020882f18,
FP=0xfffffe7094e03ef0
Panicked task 0xfffffe1b337b0678: 0 pages, 597 threads: pid 0: kernel_task
Panicked thread: 0xfffffe24ce819040, backtrace: 0xfffffe60fe10b320, tid: 399018
lr: 0xfffffe002084e4e4 fp: 0xfffffe60fe10b390
lr: 0xfffffe002084e1b4 fp: 0xfffffe60fe10b400
lr: 0xfffffe002098e070 fp: 0xfffffe60fe10b420
lr: 0xfffffe002098047c fp: 0xfffffe60fe10b4a0
lr: 0xfffffe002097decc fp: 0xfffffe60fe10b560
lr: 0xfffffe00208037f8 fp: 0xfffffe60fe10b570
lr: 0xfffffe002084de28 fp: 0xfffffe60fe10b910
lr: 0xfffffe002084de28 fp: 0xfffffe60fe10b980
lr: 0xfffffe0021063a90 fp: 0xfffffe60fe10b9a0
lr: 0xfffffe0020864538 fp: 0xfffffe60fe10b9f0
lr: 0xfffffe00208642f4 fp: 0xfffffe60fe10ba70
lr: 0xfffffe002097d224 fp: 0xfffffe60fe10bb30
lr: 0xfffffe0020f9e750 fp: 0xfffffe60fe10bb60
lr: 0xfffffe0021009754 fp: 0xfffffe60fe10bbc0
lr: 0xfffffe0021111dd8 fp: 0xfffffe60fe10bc30
lr: 0xfffffe00211112ec fp: 0xfffffe60fe10bc60
lr: 0xfffffe002287cdd0 fp: 0xfffffe60fe10bc90
lr: 0xfffffe0022852a50 fp: 0xfffffe60fe10bcc0
lr: 0xfffffe0022852108 fp: 0xfffffe60fe10bcf0
lr: 0xfffffe00228680b8 fp: 0xfffffe60fe10bd50
lr: 0xfffffe002111fef4 fp: 0xfffffe60fe10bd80
lr: 0xfffffe0022866134 fp: 0xfffffe60fe10bdb0
lr: 0xfffffe002089f9d4 fp: 0xfffffe60fe10be30
lr: 0xfffffe00208a0a28 fp: 0xfffffe60fe10bf20
lr: 0xfffffe002080ce78 fp: 0x0000000000000000

Kernel Extensions in backtrace:

com.apple.iokit.IOGPUFamily(35.11)[9D4C6320-707B-39C3-AD45-B1964332B8EC]@0xfffffe0022851e90->0xfffffe0022880423
dependency: com.apple.driver.AppleMobileFileIntegrity(1.0.5)
[865C4CEB-66D4-3093-81CF-FFF584FB7289]@0xfffffe0021b3d930->0xfffffe0021b585bf
dependency: com.apple.iokit.IOGraphicsFamily(593)
[BA7C7306-5CCB-31BD-8295-0256EC054570]@0xfffffe0022880440->0xfffffe00228b7a77
dependency: com.apple.iokit.IOPCIFamily(2.9)[0DB7597E-CBBD-3834-8BB0-CDD4E98440EB]@0xfffffe0022acc0c0->0xfffffe0022ae8903
dependency: com.apple.iokit.IOReportFamily(47)[34D7D91F-E485-3F2E-85CE-1023F8B66A8E]@0xfffffe0022ae8910->0xfffffe0022aeb95b
dependency: com.apple.iokit.IOSurface(302.9)
[1517231E-7174-32B9-8ECD-B1F576E85730]@0xfffffe0022bc5300->0xfffffe0022be5557
com.apple.AGXG13X(187.59)[7F288FB7-C58A-3C40-A62A-10DDEEF1EA45]@0xfffffe00210aa8b0->0xfffffe0021126823
dependency: com.apple.driver.AppleARMPlatform(1.0.2)[1C04FFC7-DD27-3161-A460-F936CDBDBA3E]@0xfffffe00211e6df0->0xfffffe002122f58f
dependency: com.apple.driver.AppleMobileFileIntegrity(1.0.5)
[865C4CEB-66D4-3093-81CF-FFF584FB7289]@0xfffffe0021b3d930->0xfffffe0021b585bf
dependency: com.apple.driver.RTBuddy(1.0.0)[94051FB8-ACDF-3BAB-9EDC-575119EBAAB1]@0xfffffe0023091610->0xfffffe00230c979b
dependency: com.apple.iokit.CoreAnalyticsFamily(1)
[D3B5A5ED-0139-35D6-8BE7-6F6DA85C9EE5]@0xfffffe0022169a30->0xfffffe002216f8f3
dependency: com.apple.iokit.IOGPUFamily(35.11)[9D4C6320-707B-39C3-AD45-B1964332B8EC]@0xfffffe0022851e90->0xfffffe0022880423
dependency: com.apple.iokit.IOReportFamily(47)[34D7D91F-E485-3F2E-85CE-1023F8B66A8E]@0xfffffe0022ae8910->0xfffffe0022aeb95b
dependency: com.apple.iokit.IOSurface(302.9)
[1517231E-7174-32B9-8ECD-B1F576E85730]@0xfffffe0022bc5300->0xfffffe0022be5557
dependency: com.apple.kec.Libm(1)[14E78439-0261-3302-AFB8-9655853E8D4A]@0xfffffe002307a980->0xfffffe002307e0af

last started kext at 701901132687: com.apple.driver.usb.cdc.ecm 5.0.0 (addr 0xfffffe0020351470, size 2486)

last stopped kext at 629968229430: com.apple.filesystems.exfat 1.4 (addr 0xfffffe00206dd040, size 7178)

loaded kexts:

com.apple.macos.driver.AppleUSBEthernetHost 8.1.1

com.apple.UVCService 1
com.apple.filesystems.udf 2.5
com.apple.iokit.SCSITaskUserClient 452.60.2
com.apple.driver.AppleUSBODD 532.40.7
com.apple.fileutil 20.036.15
com.apple.filesystems.autofs 3.0
com.apple.driver.AppleTopCaseHIDEventDriver 5020.1
com.apple.driver.AppleBiometricServices 1
com.apple.driver.CoreKDL 1
com.apple.driver.DiskImages.ReadWriteDiskImage 493.0.0
com.apple.driver.DiskImages.UDIFDiskImage 493.0.0
com.apple.driver.DiskImages.RAMBackingStore 493.0.0
com.apple.driver.DiskImages.FileBackingStore 493.0.0
com.apple.filesystems.apfs 1933.61.1
com.apple.driver.BCMWLANFirmware4387.Hashstore 1
com.apple.driver.SEPHibernation 1
com.apple.driver.AppleUSBDeviceNCM 5.0.0
com.apple.driver.AppleThunderboltIP 4.0.3
com.apple.driver.AppleFileSystemDriver 3.0.1
com.apple.nke.l2tp 1.9
com.apple.filesystems.tmpfs 1
com.apple.filesystems.lifs 1
com.apple.IOTextEncryptionFamily1.0.0
com.apple.filesystems.hfs.kext 582.60.2
com.apple.security.BootPolicy 1
com.apple.BootCache 40
com.apple.AppleFSCompression.AppleFSCompressionTypeZlib 1.0.0
com.apple.AppleFSCompression.AppleFSCompressionTypeDataless 1.0.0d1
com.apple.AppleEmbeddedSimpleSPINORFlasher1
com.apple.driver.AppleCS42L84Audio 520.5
com.apple.driver.ApplePMP 1
com.apple.driver.AppleSmartIO2 1
com.apple.driver.AppleSN012776Amp 520.5
com.apple.driver.AppleT6000SOCTuner 1
com.apple.driver.AppleT6000CLPCv3 1
com.apple.driver.AppleSmartBatteryManager 161.0.0
com.apple.driver.AppleALSCColorSensor 1.0.0d1
com.apple.driver.AppleAOPVoiceTrigger 100.1
com.apple.driver.AppleDPDisplayTCON 1
com.apple.driver.ApplePMPFirmware 1
com.apple.driver.AppleSPMIPMU 1.0.1
com.apple.driver.AppleT6001PMGR 1
com.apple.driver.AppleS5L8960XNCO 1
com.apple.driver.AppleJPEGDriver 4.7.9

com.apple.driver.AppleMCDP29XXUpdateSupport 1
com.apple.driver.AppleAVE2 520.21.1
com.apple.driver.AppleEventLogHandler 1
com.apple.driver.AppleAVD 416
com.apple.AGXG13X 187.59
com.apple.driver.AppleSamsungSerial 1.0.0d1
com.apple.driver.AppleSerialShim 1
com.apple.driver.usb.AppleSynopsysUSB40XHCI 1
com.apple.driver.AppleProResHW 126.2.0
com.apple.driver.AppleMobileDispT600X-DCP 140.0
com.apple.driver.AppleS8000AES 1
com.apple.driver.AppleS8000DWI 1.0.0d1
com.apple.driver.AppleInterruptControllerV2 1.0.0d1
com.apple.driver.AppleM68Buttons 1.0.0d1
com.apple.driver.AppleSDXC 3.1.1
com.apple.driver.AppleT8110DART 1
com.apple.driver.AppleBluetoothModule 1
com.apple.driver.AppleBCM WLANBusInterfacePCle 1
com.apple.driver.AppleS5L8920XPWM 1.0.0d1
com.apple.driver.AudioDMAController-T600x 100.51
com.apple.driver.AppleT6000DART 1
com.apple.driver.AppleSPIMC1
com.apple.driver.AppleS5L8940XI2C 1.0.0d2
com.apple.driver.AppleT6000 1
com.apple.iokit.IOUserEthernet 1.0.1
com.apple.driver.usb.AppleUSBUserHCI 1
com.apple.iokit.IOKitRegistryCompatibility 1
com.apple.iokit.EndpointSecurity 1
com.apple.driver.AppleDiskImages2 126.60.3
com.apple.AppleSystemPolicy 2.0.0
com.apple.nke.applicationfirewall 402
com.apple.kec.InvalidateHmac 1
com.apple.kec.AppleEncryptedArchive 1
com.apple.driver.usb.cdc.ecm 5.0.0
com.apple.driver.usb.cdc.acm 5.0.0
com.apple.driver.usb.serial 6.0.0
com.apple.driver.usb.cdc.ncm 5.0.0
com.apple.driver.usb.IOUSBHostHIDDevice 1.2
com.apple.iokit.IOCSIMultimediaCommandsDevice 452.60.2
com.apple.iokit.IOBDStorageFamily 1.8
com.apple.iokit.IODVDStorageFamily 1.8
com.apple.iokit.IOCDStorageFamily 1.8
com.apple.driver.usb.cdc 5.0.0
com.apple.driver.AppleUSBAudio 413.5

com.apple.iokit.IOAudioFamily 300.10
com.apple.vecLib.kext 1.2.0
com.apple.driver.AppleBluetoothHIDKeyboard 228
com.apple.driver.driverkit.serial 6.0.0
com.apple.kext.triggers 1.0
com.apple.iokit.IOAVBFamily 1010.2
com.apple.plugin.IOGPTPlugin 1000.11
com.apple.iokit.IOEthernetAVBController 1.1.0
com.apple.driver.AppleActuatorDriver 5430.1
com.apple.driver.AppleMultitouchDriver 5430.1
com.apple.driver.AppleHSBluetoothDriver 5020.1
com.apple.driver.IOBluetoothHIDDriver 9.0.0
com.apple.driver.AppleHIDKeyboard 228
com.apple.driver.AppleMesaSEPDriver 100.99
com.apple.iokit.IOBiometricFamily 1
com.apple.driver.DiskImages.KernelBacked 493.0.0
com.apple.driver.AppleXsanScheme 3
com.apple.driver.AppleSEPHDCPManager 1.0.1
com.apple.driver.AppleTrustedAccessory 1
com.apple.iokit.AppleSEPGenericTransfer 1
com.apple.driver.AppleConvergedIPCOLYBTControl 1
com.apple.driver.AppleConvergedPCI 1
com.apple.driver.AppleBluetoothDebug 1
com.apple.driver.usb.networking 5.0.0
com.apple.driver.AppleThunderboltDPIInAdapter 8.5.1
com.apple.driver.AppleThunderboltDPAdapterFamily 8.5.1
com.apple.driver.AppleThunderboltUSBDownAdapter 1.0.4
com.apple.driver.AppleThunderboltPCIDownAdapter 4.1.1
com.apple.nke.ppp 1.9
com.apple.driver.AppleBSDKextStarter 3
com.apple.driver.AppleHIDTransportSPI5400.30
com.apple.driver.AppleHIDTransport 5400.30
com.apple.driver.AppleInputDeviceSupport 5400.30
com.apple.filesystems.hfs.encodings.kext 1
com.apple.driver.AppleBTM 1.0.1
com.apple.driver.AppleDiagnosticDataAccessReadOnly 1.0.0
com.apple.driver.AppleCSEmbeddedAudio 520.5
com.apple.driver.AppleDCPDPTXProxy 1.0.0
com.apple.driver.DCPDPFamilyProxy 1
com.apple.driver.ApplePassthroughPPM 3.0
com.apple.driver.AppleAOPAudio 102.2
com.apple.driver.AppleEmbeddedAudio520.5
com.apple.iokit.AppleARMIIISAudio 100.1
com.apple.driver.AppleDialogPMU 1.0.1

com.apple.driver.ApplePMGR 1
com.apple.driver.AppleHPM 3.4.4
com.apple.AGXFirmwareKextG13XRTBuddy 187.59
com.apple.AGXFirmwareKextRTBuddy64 187.59
com.apple.iokit.IOGPUFamily 35.11
com.apple.iokit.IONVMeFamily 2.1.0
com.apple.driver.AppleNANDConfigAccess 1.0.0
com.apple.driver.AppleSART 1
com.apple.driver.AppleSPU 1
com.apple.driver.AppleT6000TypeCPhy1
com.apple.driver.AppleT8103TypeCPhy1
com.apple.driver.AppleUSBXDCIARM 1.0
com.apple.driver.AppleUSBXDCI 1.0
com.apple.iokit.IOUSBDeviceFamily 2.0.0
com.apple.driver.usb.AppleSynopsysUSBXHCI 1
com.apple.driver.usb.AppleUSBXHCI 1.2
com.apple.driver.AppleEmbeddedUSBHost 1
com.apple.driver.usb.AppleUSBHub 1.2
com.apple.driver.usb.AppleUSBHostCompositeDevice 1.2
com.apple.iokit.IOMobileGraphicsFamily-DCP 343.0.0
com.apple.driver.AppleDCP 1
com.apple.iokit.IOMobileGraphicsFamily 343.0.0
com.apple.driver.AppleStockholmControl 1.0.0
com.apple.driver.AppleSPMI 1.0.1
com.apple.driver.DCPAVFamilyProxy 1
com.apple.driver.AppleFirmwareKit 1
com.apple.driver.usb.AppleUSBHostPacketFilter 1.0
com.apple.driver.AppleARMWatchdogTimer 1
com.apple.driver.AppleDisplayCrossbar 1.0.0
com.apple.iokit.IODisplayPortFamily 1.0.0
com.apple.driver.AppleTypeCPhy 1
com.apple.driver.AppleThunderboltNHI 7.2.8
com.apple.driver.AppleT6000PCleC 1
com.apple.iokit.IOThunderboltFamily 9.3.3
com.apple.driver.ApplePIODMA 1
com.apple.driver.AppleT600xPCle 1
com.apple.driver.AppleMultiFunctionManager 1
com.apple.driver.AppleBluetoothDebugService 1
com.apple.driver.AppleBCMWLANCore 1.0.0
com.apple.iokit.IO80211Family 1200.12.2b1
com.apple.driver.IOImageLoader 1.0.0
com.apple.driver.AppleOLYHAL 1
com.apple.driver.corecapture 1.0.4
com.apple.driver.AppleEmbeddedPCIE 1

com.apple.driver.AppleMCA2-T600x 600.95
com.apple.driver.AppleEmbeddedAudioLibs 100.9.1
com.apple.driver.AppleFirmwareUpdateKext 1
com.apple.driver.AppleH13CameraInterface 4.87.0
com.apple.driver.AppleH10PearlCameraInterface 17.0.3
com.apple.driver.AppleGPIOICController 1.0.2
com.apple.driver.AppleFireStormErrorHandler 1
com.apple.driver.AppleMobileApNonce 1
com.apple.iokit.IOTimeSyncFamily 1000.11
com.apple.driver.DiskImages 493.0.0
com.apple.iokit.IOGraphicsFamily 593
com.apple.iokit.IOBluetoothSerialManager 9.0.0
com.apple.iokit.IOBluetoothHostControllerUSBTransport 9.0.0
com.apple.iokit.IOBluetoothHostControllerUARTTransport 9.0.0
com.apple.iokit.IOBluetoothHostControllerTransport 9.0.0
com.apple.driver.IOBluetoothHostControllerPCleTransport 9.0.0
com.apple.iokit.IOBluetoothFamily 9.0.0
com.apple.driver.FairPlayIOKit 68.13.1
com.apple.iokit.CSRBluetoothHostControllerUSBTransport 9.0.0
com.apple.iokit.BroadcomBluetoothHostControllerUSBTransport 9.0.0
com.apple.driver.AppleSSE 1.0
com.apple.driver.AppleSEPKeyStore 2
com.apple.driver.AppleUSBTDM 532.40.7
com.apple.iokit.IOUSBMassStorageDriver 209.40.6
com.apple.iokit.IOPCIFamily 2.9
com.apple.iokit.IOCSISBlockCommandsDevice 452.60.2
com.apple.iokit.IOCSISArchitectureModelFamily 452.60.2
com.apple.driver.AppleIPAppender 1.0
com.apple.driver.AppleFDEKeyStore 28.30
com.apple.driver.AppleEffaceableStorage 1.0
com.apple.driver.AppleCredentialManager 1.0
com.apple.driver.KernelRelayHost 1
com.apple.iokit.IOUSBHostFamily 1.2
com.apple.driver.AppleUSBHostMergeProperties 1.2
com.apple.driver.usb.AppleUSBCommon 1.0
com.apple.driver.AppleSMC 3.1.9
com.apple.driver.RTBuddy 1.0.0
com.apple.driver.AppleEmbeddedTempSensor 1.0.0
com.apple.driver.AppleARMPMU 1.0
com.apple.iokit.IOAccessoryManager 1.0.0
com.apple.driver.AppleOnboardSerial 1.0
com.apple.iokit.IOSkywalkFamily 1.0
com.apple.driver.mDNSSoffloadUserClient 1.0.1b8
com.apple.iokit.IONetworkingFamily 3.4


```

com.apple.iokit.IOSerialFamily      11
com.apple.driver.AppleSEPManager    1.0.1
com.apple.driver.AppleA7IOP 1.0.2
com.apple.driver.IOSlaveProcessor    1
com.apple.driver.AppleBiometricSensor2
com.apple.iokit.IOHIDFamily 2.0.0
com.apple.iokit.CoreAnalyticsFamily  1
com.apple.driver.AppleANELoadBalancer 5.34.2
com.apple.driver.AppleH11ANERInterface 5.34.0
com.apple.AUC      1.0
com.apple.iokit.IOAVFamily 1.0.0
com.apple.iokit.IOHDCPFamily 1.0.0
com.apple.iokit.IOCECFamily 1
com.apple.iokit.IOAudio2Family 1.0
com.apple.driver.AppleIISController 100.1
com.apple.driver.AppleAudioClockLibs 100.9.1
com.apple.driver.AppleM2ScalerCSCDriver 265.0.0
com.apple.iokit.IOSurface 302.9
com.apple.driver.IODARTFamily 1
com.apple.security.quarantine 4
com.apple.security.sandbox 300.0
com.apple.kext.AppleMatch 1.0.0d1
com.apple.driver.AppleMobileFileIntegrity 1.0.5
com.apple.security.AppleImage4 4.2.0
com.apple.kext.CoreTrust 1
com.apple.iokit.IOCryptoAcceleratorFamily 1.0.1
com.apple.driver.AppleARMPlatform 1.0.2
com.apple.iokit.IOStorageFamily 2.1
com.apple.iokit.IOSlowAdaptiveClockingFamily 1.0.0
com.apple.iokit.IOReportFamily 47
com.apple.kec.pthread 1
com.apple.kec.Libm 1
com.apple.kec.corecrypto 12.0

```

**** Stackshot Succeeded ** Bytes Traced 433581 (Uncompressed 1105088) ****

RESTART 2: 1/23/22 - 19:16:

```

panic(cpu 3 caller 0xfffffe0022304538): Spinlock[0xfffffe299a47a790] timeout
after 12592416 ticks; current state: 0x5547, start time: 9914553344, now:
9927145760, timeout: 12582912 @locks.c:723
Debugger message: panic

```

Memory ID: 0x1
OS release type: User
OS version: 21C52
Kernel version: Darwin Kernel Version 21.2.0: Sun Nov 28 20:28:41 PST 2021;
root:xnu-8019.61.5~1/RELEASE_ARM64_T6000
Fileset Kernelcache UUID: 88208EF24C07AA8B02CDA1369E036EBD
Kernel UUID: 2F4E22DC-64BE-3369-B574-0909F0571FA6
iBoot version: iBoot-7429.61.2
secure boot?: YES
Paniclog version: 13
KernelCache slide: 0x000000001a984000
KernelCache base: 0xfffffe0021988000
Kernel slide: 0x000000001b1b0000
Kernel text base: 0xfffffe00221b4000
Kernel text exec slide: 0x000000001b298000
Kernel text exec base: 0xfffffe002229c000
mach_absolute_time: 0x24fbc5920
Epoch Time: sec usec
 Boot : 0x61edee67 0x0005482e
 Sleep : 0x00000000 0x00000000
 Wake : 0x00000000 0x00000000
 Calendar: 0x61edeffe 0x000526f4

Zone info:

Foreign : 0xfffffe002a2fc000 - 0xfffffe002a310000
Native : 0xfffffe100060c000 - 0xfffffe300060c000
Readonly : 0xfffffe14cd2d8000 - 0xfffffe1666c6c000
Metadata : 0xfffffe6344bf4000 - 0xfffffe6350b50000
Bitmaps : 0xfffffe6350b50000 - 0xfffffe635c564000
CORE 0 PVH locks held: None
CORE 1 PVH locks held: None
CORE 2 PVH locks held: None
CORE 3 PVH locks held: None
CORE 4 PVH locks held: None
CORE 5 PVH locks held: None
CORE 6 PVH locks held: None
CORE 7 PVH locks held: None
CORE 8 PVH locks held: None
CORE 9 PVH locks held: None
CORE 0: PC=0xfffffe0022322f18, LR=0xfffffe0022322f18, FP=0xfffffe60192e3ef0
CORE 1: PC=0xfffffe00222d0a38, LR=0xfffffe00222d0a38,
FP=0xfffffe60193c3c80
CORE 2: PC=0x00000000195142730, LR=0x0000000018f33b754,
FP=0x0000000016b29e640

CORE 3 is the one that panicked. Check the full backtrace for details.

CORE 4: PC=0xfffffe0022322f1c, LR=0xfffffe0022322f18, FP=0xfffffe60192c3ef0

CORE 5: PC=0xfffffe0022322f1c, LR=0xfffffe0022322f18, FP=0xfffffe60193a3ef0

CORE 6: PC=0xfffffe0022322f1c, LR=0xfffffe0022322f18, FP=0xfffffe60e8533ef0

CORE 7: PC=0xfffffe0022322f1c, LR=0xfffffe0022322f18, FP=0xfffffe601e753ef0

CORE 8: PC=0xfffffe0022322f1c, LR=0xfffffe0022322f18, FP=0xfffffe60193f3ef0

CORE 9: PC=0xfffffe0022322f18, LR=0xfffffe0022322f18, FP=0xfffffe60194c3ef0

Panicked task 0xfffffe1b32190000: 41990 pages, 14 threads: pid 1358:

LeagueClientUx H

Panicked thread: 0xfffffe1b328a0000, backtrace: 0xfffffe60191eb020, tid: 12568

lr: 0xfffffe00222ee4e4 fp: 0xfffffe60191eb090

lr: 0xfffffe00222ee1b4 fp: 0xfffffe60191eb100

lr: 0xfffffe002242e070 fp: 0xfffffe60191eb120

lr: 0xfffffe002242047c fp: 0xfffffe60191eb1a0

lr: 0xfffffe002241decc fp: 0xfffffe60191eb260

lr: 0xfffffe00222a37f8 fp: 0xfffffe60191eb270

lr: 0xfffffe00222ede28 fp: 0xfffffe60191eb610

lr: 0xfffffe00222ede28 fp: 0xfffffe60191eb680

lr: 0xfffffe0022b03a90 fp: 0xfffffe60191eb6a0

lr: 0xfffffe0022304538 fp: 0xfffffe60191eb6f0

lr: 0xfffffe00223042f4 fp: 0xfffffe60191eb770

lr: 0xfffffe002241d224 fp: 0xfffffe60191eb830

lr: 0xfffffe00242f2310 fp: 0xfffffe60191eb850

lr: 0xfffffe002431c8d0 fp: 0xfffffe60191eb870

lr: 0xfffffe002430377c fp: 0xfffffe60191eb890

lr: 0xfffffe00243016f0 fp: 0xfffffe60191eb8b0

lr: 0xfffffe002430ad4c fp: 0xfffffe60191eb8d0

lr: 0xfffffe0022a657e8 fp: 0xfffffe60191eb930

lr: 0xfffffe0022a71eb0 fp: 0xfffffe60191ebac0

lr: 0xfffffe00223ee898 fp: 0xfffffe60191ebbe0

lr: 0xfffffe00222f4818 fp: 0xfffffe60191ebc80

lr: 0xfffffe00222cb690 fp: 0xfffffe60191ebcf0

lr: 0xfffffe00222e316c fp: 0xfffffe60191ebd80

lr: 0xfffffe002241345c fp: 0xfffffe60191ebe50

lr: 0xfffffe002241e304 fp: 0xfffffe60191ebf10

lr: 0xfffffe00222a37f8 fp: 0xfffffe60191ebf20

Kernel Extensions in backtrace:

com.apple.iokit.IOGPUFamily(35.11)[9D4C6320-707B-39C3-AD45-B1964332B8EC]@0xfffffe00242f1e90->0xfffffe0024320423

dependency: com.apple.driver.AppleMobileFileIntegrity(1.0.5)
[865C4CEB-66D4-3093-81CF-FFF584FB7289]@0xfffffe00235dd930->0xfffffe00235f85bf

dependency: com.apple.iokit.IOGraphicsFamily(593)
[BA7C7306-5CCB-31BD-8295-0256EC054570]@0xfffffe0024320440-

>0xfffffe0024357a77

dependency: com.apple.iokit.IOPCIFamily(2.9)[0DB7597E-CBBD-3834-8BB0-CDD4E98440EB]@0xfffffe002456c0c0->0xfffffe0024588903
dependency: com.apple.iokit.IOReportFamily(47)[34D7D91F-E485-3F2E-85CE-1023F8B66A8E]@0xfffffe0024588910->0xfffffe002458b95b
dependency: com.apple.iokit.IOSurface(302.9)
[1517231E-7174-32B9-8ECD-B1F576E85730]@0xfffffe0024665300->0xfffffe0024685557

last started kext at 1000415712: com.apple.driver.driverkit.serial 6.0.0 (addr 0xfffffe0022093390, size 3432)

loaded kexts:

com.apple.filesystems.autofs 3.0
com.apple.fileutil 20.036.15
com.apple.UVCService 1
com.apple.driver.AppleTopCaseHIDEventDriver 5020.1
com.apple.driver.AppleBiometricServices 1
com.apple.driver.CoreKDL 1
com.apple.driver.DiskImages.ReadWriteDiskImage 493.0.0
com.apple.driver.DiskImages.UDIFDiskImage 493.0.0
com.apple.driver.DiskImages.RAMBackingStore 493.0.0
com.apple.driver.DiskImages.FileBackingStore 493.0.0
com.apple.filesystems.apfs 1933.61.1
com.apple.driver.SEPHibernation 1
com.apple.driver.BCMWLANFirmware4387.Hashstore 1
com.apple.driver.AppleUSBDeviceNCM 5.0.0
com.apple.driver.AppleThunderboltIP 4.0.3
com.apple.driver.AppleFileSystemDriver 3.0.1
com.apple.nke.I2tp 1.9
com.apple.filesystems.tmpfs 1
com.apple.filesystems.lifs 1
com.apple.IOTextEncryptionFamily1.0.0
com.apple.filesystems.hfs.kext 582.60.2
com.apple.security.BootPolicy 1
com.apple.BootCache 40
com.apple.AppleFSCompression.AppleFSCompressionTypeZlib 1.0.0
com.apple.AppleFSCompression.AppleFSCompressionTypeDataless 1.0.0d1
com.apple.AppleEmbeddedSimpleSPINORFlasher1
com.apple.driver.AppleSmartIO2 1
com.apple.driver.ApplePMP 1
com.apple.driver.AppleCS42L84Audio 520.5
com.apple.driver.AppleSN012776Amp 520.5
com.apple.driver.AppleT6000SOCTuner 1
com.apple.driver.AppleT6000CLPCv3 1

com.apple.driver.AppleSmartBatteryManager 161.0.0
com.apple.driver.AppleALSCColorSensor 1.0.0d1
com.apple.driver.AppleAOPVoiceTrigger 100.1
com.apple.driver.AppleDPDisplayTCON 1
com.apple.driver.ApplePMPFirmware 1
com.apple.driver.usb.AppleSynopsysUSB40XHCI 1
com.apple.driver.AppleSPMIPMU 1.0.1
com.apple.driver.AppleAVD 416
com.apple.driver.AppleMCDP29XXUpdateSupport 1
com.apple.AGXG13X 187.59
com.apple.driver.AppleAVE2 520.21.1
com.apple.driver.AppleProResHW 126.2.0
com.apple.driver.AppleJPEGDriver 4.7.9
com.apple.driver.AppleSDXC 3.1.1
com.apple.driver.AppleSamsungSerial 1.0.0d1
com.apple.driver.AppleSerialShim 1
com.apple.driver.AppleMobileDispT600X-DCP 140.0
com.apple.driver.AppleM68Buttons 1.0.0d1
com.apple.driver.AppleT6001PMGR 1
com.apple.driver.AppleEventLogHandler 1
com.apple.driver.AppleS5L8960XNCO 1
com.apple.driver.AppleS8000AES 1
com.apple.driver.AppleS8000DWI 1.0.0d1
com.apple.driver.AppleInterruptControllerV2 1.0.0d1
com.apple.driver.AppleT8110DART 1
com.apple.driver.AppleBluetoothModule 1
com.apple.driver.AppleBCM WLANBusInterfacePCle 1
com.apple.driver.AppleS5L8920XPWM 1.0.0d1
com.apple.driver.AudioDMAController-T600x 100.51
com.apple.driver.AppleT6000DART 1
com.apple.driver.AppleSPIMC1
com.apple.driver.AppleS5L8940XI2C 1.0.0d2
com.apple.driver.AppleT6000 1
com.apple.iokit.IOUserEthernet 1.0.1
com.apple.driver.usb.AppleUSBUserHCI 1
com.apple.iokit.IOKitRegistryCompatibility 1
com.apple.iokit.EndpointSecurity 1
com.apple.driver.AppleDiskImages2 126.60.3
com.apple.AppleSystemPolicy 2.0.0
com.apple.nke.applicationfirewall 402
com.apple.kec.InvalidateHmac 1
com.apple.kec.AppleEncryptedArchive 1
com.apple.driver.driverkit.serial 6.0.0
com.apple.driver.AppleBluetoothHIDKeyboard 228

com.apple.kext.triggers 1.0
com.apple.iokit.IOAVBFamily 1010.2
com.apple.plugin.IOGPTPlugin 1000.11
com.apple.iokit.IOEthernetAVBController 1.1.0
com.apple.driver.AppleHIDKeyboard 228
com.apple.driver.AppleActuatorDriver 5430.1
com.apple.driver.AppleMultitouchDriver 5430.1
com.apple.driver.AppleHSBluetoothDriver 5020.1
com.apple.driver.IOBluetoothHIDDriver 9.0.0
com.apple.driver.AppleMesaSEPDriver 100.99
com.apple.iokit.IOBiometricFamily 1
com.apple.driver.DiskImages.KernelBacked 493.0.0
com.apple.driver.usb.IOUSBHostHIDDevice 1.2
com.apple.driver.usb.cdc 5.0.0
com.apple.driver.AppleUSBAudio 413.5
com.apple.iokit.IOAudioFamily 300.10
com.apple.vecLib.kext 1.2.0
com.apple.driver.AppleXsanScheme 3
com.apple.driver.AppleTrustedAccessory 1
com.apple.iokit.AppleSEPGenericTransfer 1
com.apple.driver.AppleSEPHDCPManager 1.0.1
com.apple.driver.AppleConvergedIPCOLYBTControl 1
com.apple.driver.AppleConvergedPCI 1
com.apple.driver.AppleBluetoothDebug 1
com.apple.driver.usb.networking 5.0.0
com.apple.driver.AppleThunderboltUSBDownAdapter 1.0.4
com.apple.driver.AppleThunderboltDPIInAdapter 8.5.1
com.apple.driver.AppleThunderboltDPAdapterFamily 8.5.1
com.apple.driver.AppleThunderboltPCIDownAdapter 4.1.1
com.apple.nke.ppp 1.9
com.apple.driver.AppleHIDTransportSPI5400.30
com.apple.driver.AppleHIDTransport 5400.30
com.apple.driver.AppleInputDeviceSupport 5400.30
com.apple.driver.AppleBSDKextStarter 3
com.apple.filesystems.hfs.encodings.kext 1
com.apple.driver.AppleBTM 1.0.1
com.apple.driver.AppleDCPDPTXProxy 1.0.0
com.apple.driver.DCPDPFamilyProxy 1
com.apple.driver.AppleDiagnosticDataAccessReadOnly 1.0.0
com.apple.driver.AppleCSEmbeddedAudio 520.5
com.apple.driver.ApplePassthroughPPM 3.0
com.apple.driver.AppleAOPAudio 102.2
com.apple.driver.AppleEmbeddedAudio520.5
com.apple.iokit.AppleARMIIISAudio100.1

com.apple.driver.AppleUSBXDCIARM 1.0
com.apple.driver.AppleUSBXDCI 1.0
com.apple.iokit.IOUSBDeviceFamily 2.0.0
com.apple.driver.usb.AppleSynopsysUSBXHCI 1
com.apple.driver.usb.AppleUSBXHCI 1.2
com.apple.driver.AppleEmbeddedUSBHost 1
com.apple.driver.usb.AppleUSBHub 1.2
com.apple.driver.usb.AppleUSBHostCompositeDevice 1.2
com.apple.driver.AppleStockholmControl 1.0.0
com.apple.driver.AppleSPU 1
com.apple.driver.AppleDialogPMU 1.0.1
com.apple.driver.AppleSPMI 1.0.1
com.apple.iokit.IONVMeFamily 2.1.0
com.apple.driver.AppleNANDConfigAccess 1.0.0
com.apple.driver.AppleHPM 3.4.4
com.apple.AGXFirmwareKextG13XRTBuddy 187.59
com.apple.AGXFirmwareKextRTBuddy64 187.59
com.apple.iokit.IOGPUFamily 35.11
com.apple.driver.DCPAVFamilyProxy 1
com.apple.iokit.IOMobileGraphicsFamily-DCP 343.0.0
com.apple.iokit.IOMobileGraphicsFamily 343.0.0
com.apple.driver.AppleSART 1
com.apple.driver.AppleT6000TypeCPhy1
com.apple.driver.AppleT8103TypeCPhy1
com.apple.driver.AppleDCP 1
com.apple.driver.AppleFirmwareKit 1
com.apple.driver.ApplePMGR 1
com.apple.driver.usb.AppleUSBHostPacketFilter 1.0
com.apple.driver.AppleARMWatchdogTimer 1
com.apple.driver.AppleDisplayCrossbar 1.0.0
com.apple.iokit.IODisplayPortFamily 1.0.0
com.apple.driver.AppleTypeCPhy 1
com.apple.driver.AppleThunderboltNHI 7.2.8
com.apple.driver.AppleT6000PCleC 1
com.apple.iokit.IOThunderboltFamily 9.3.3
com.apple.driver.ApplePIODMA 1
com.apple.driver.AppleT600xPCle 1
com.apple.driver.AppleMultiFunctionManager 1
com.apple.driver.AppleBluetoothDebugService 1
com.apple.driver.AppleBCMWWLANCore 1.0.0
com.apple.iokit.IO80211Family 1200.12.2b1
com.apple.driver.IOImageLoader 1.0.0
com.apple.driver.AppleOLYHAL 1
com.apple.driver.corecapture 1.0.4

com.apple.driver.AppleEmbeddedPCIE 1
com.apple.driver.AppleMCA2-T600x 600.95
com.apple.driver.AppleEmbeddedAudioLibs 100.9.1
com.apple.driver.AppleFirmwareUpdateKext 1
com.apple.driver.AppleH13CameraInterface 4.87.0
com.apple.driver.AppleH10PearlCameraInterface 17.0.3
com.apple.driver.AppleGPIOICController 1.0.2
com.apple.driver.AppleFireStormErrorHandler 1
com.apple.driver.AppleMobileApNonce 1
com.apple.iokit.IOTimeSyncFamily 1000.11
com.apple.driver.DiskImages 493.0.0
com.apple.iokit.IOGraphicsFamily 593
com.apple.iokit.IOBluetoothSerialManager 9.0.0
com.apple.iokit.IOBluetoothHostControllerUSBTransport 9.0.0
com.apple.iokit.IOBluetoothHostControllerUARTTransport 9.0.0
com.apple.iokit.IOBluetoothHostControllerTransport 9.0.0
com.apple.driver.IOBluetoothHostControllerPCleTransport 9.0.0
com.apple.iokit.IOBluetoothFamily 9.0.0
com.apple.driver.FairPlayIOKit 68.13.1
com.apple.iokit.CSRBluetoothHostControllerUSBTransport 9.0.0
com.apple.iokit.BroadcomBluetoothHostControllerUSBTransport 9.0.0
com.apple.driver.AppleSSE 1.0
com.apple.driver.AppleSEPKeyStore 2
com.apple.driver.AppleUSBTDM 532.40.7
com.apple.iokit.IOUSBMassStorageDriver 209.40.6
com.apple.iokit.IOPCIFamily 2.9
com.apple.iokit.IOCSISBlockCommandsDevice 452.60.2
com.apple.iokit.IOCSISArchitectureModelFamily 452.60.2
com.apple.driver.AppleIPAppender 1.0
com.apple.driver.AppleFDEKeyStore 28.30
com.apple.driver.AppleEffaceableStorage 1.0
com.apple.driver.AppleCredentialManager 1.0
com.apple.driver.KernelRelayHost 1
com.apple.iokit.IOUSBHostFamily 1.2
com.apple.driver.AppleUSBHostMergeProperties 1.2
com.apple.driver.usb.AppleUSBCommon 1.0
com.apple.driver.AppleSMC 3.1.9
com.apple.driver.RTBuddy 1.0.0
com.apple.driver.AppleEmbeddedTempSensor 1.0.0
com.apple.driver.AppleARMPMU 1.0
com.apple.iokit.IOAccessoryManager 1.0.0
com.apple.driver.AppleOnboardSerial 1.0
com.apple.iokit.IOSkywalkFamily 1.0
com.apple.driver.mDNSOffloadUserClient 1.0.1b8


```

com.apple.iokit.IONetworkingFamily    3.4
com.apple.iokit.IOSerialFamily        11
com.apple.driver.AppleSEPManager      1.0.1
com.apple.driver.AppleA7IOP           1.0.2
com.apple.driver.IOSlaveProcessor      1
com.apple.driver.AppleBiometricSensor2
com.apple.iokit.IOHIDFamily           2.0.0
com.apple.iokit.CoreAnalyticsFamily    1
com.apple.driver.AppleANELoadBalancer  5.34.2
com.apple.driver.AppleH11ANEInterface  5.34.0
com.apple.AUC                         1.0
com.apple.iokit.IOAVFamily            1.0.0
com.apple.iokit.IOHDCPFamily          1.0.0
com.apple.iokit.IOCECFamily           1
com.apple.iokit.IOAudio2Family        1.0
com.apple.driver.AppleIISController    100.1
com.apple.driver.AppleAudioClockLibs   100.9.1
com.apple.driver.AppleM2ScalerCSCDriver 265.0.0
com.apple.iokit.IOSurface             302.9
com.apple.driver.IODARTFamily          1
com.apple.security.quarantine          4
com.apple.security.sandbox            300.0
com.apple.kext.AppleMatch              1.0.0d1
com.apple.driver.AppleMobileFileIntegrity 1.0.5
com.apple.security.AppleImage4         4.2.0
com.apple.kext.CoreTrust               1
com.apple.iokit.IOCryptoAcceleratorFamily 1.0.1
com.apple.driver.AppleARMPlatform      1.0.2
com.apple.iokit.IOStorageFamily        2.1
com.apple.iokit.IOSlowAdaptiveClockingFamily 1.0.0
com.apple.iokit.IOReportFamily        47
com.apple.kec.pthread                 1
com.apple.kec.Libm                   1
com.apple.kec.corecrypto              12.0

```

**** Stackshot Succeeded ** Bytes Traced 390673 (Uncompressed 1033584) ****

RESTART 3: 1/23/22 - 19:19:

```

panic(cpu 1 caller 0xfffffe001fa179e0): [data.kalloc.16]: element modified after
free (off:0, val:0x00000000000005547, sz:16, ptr:0xfffffe30001e76f0)
0: 0x00000000000005547

```

Debugger message: panic
Memory ID: 0x1
OS release type: User
OS version: 21C52
Kernel version: Darwin Kernel Version 21.2.0: Sun Nov 28 20:28:41 PST 2021;
root:xnu-8019.61.5~1/RELEASE_ARM64_T6000
Fileset Kernelcache UUID: 88208EF24C07AA8B02CDA1369E036EBD
Kernel UUID: 2F4E22DC-64BE-3369-B574-0909F0571FA6
iBoot version: iBoot-7429.61.2
secure boot?: YES
Paniclog version: 13
KernelCache slide: 0x0000000017894000
KernelCache base: 0xfffffe001e898000
Kernel slide: 0x00000000180c0000
Kernel text base: 0xfffffe001f0c4000
Kernel text exec slide: 0x00000000181a8000
Kernel text exec base: 0xfffffe001f1ac000
mach_absolute_time: 0x9c279c45
Epoch Time: sec usec
 Boot : 0x61edf011 0x00046a94
 Sleep : 0x00000000 0x00000000
 Wake : 0x00000000 0x00000000
 Calendar: 0x61edf077 0x0000ff67

Zone info:

Foreign : 0xfffffe00282fc000 - 0xfffffe0028310000
Native : 0xfffffe10006e8000 - 0xfffffe30006e8000
Readonly : 0xfffffe14cd3b4000 - 0xfffffe1666d48000
Metadata : 0xfffffe6bff4a4000 - 0xfffffe6c0b408000
Bitmaps : 0xfffffe6c0b408000 - 0xfffffe6c16e04000
CORE 0 PVH locks held: None
CORE 1 PVH locks held: None
CORE 2 PVH locks held: None
CORE 3 PVH locks held: None
CORE 4 PVH locks held: None
CORE 5 PVH locks held: None
CORE 6 PVH locks held: None
CORE 7 PVH locks held: None
CORE 8 PVH locks held: None
CORE 9 PVH locks held: None
CORE 0: PC=0x00000001ac9f5abc, LR=0x00000001ac9e847c,
FP=0x00000001702a1bc0
CORE 1 is the one that panicked. Check the full backtrace for details.
CORE 2: PC=0xfffffe001f232f1c, LR=0xfffffe001f232f18, FP=0xfffffe6019103ef0

CORE 3: PC=0xfffffe001f232f1c, LR=0xfffffe001f232f18, FP=0xfffffe60e7a7bef0
CORE 4: PC=0xfffffe001f232f1c, LR=0xfffffe001f232f18, FP=0xfffffe60192a3ef0
CORE 5: PC=0xfffffe001f232f1c, LR=0xfffffe001f232f18, FP=0xfffffe6019193ef0
CORE 6: PC=0xfffffe001f232f1c, LR=0xfffffe001f232f18, FP=0xfffffe60192f3ef0
CORE 7: PC=0xfffffe001f232f1c, LR=0xfffffe001f232f18, FP=0xfffffe60fe1dbef0
CORE 8: PC=0xfffffe001f232f1c, LR=0xfffffe001f232f18, FP=0xfffffe6019293ef0
CORE 9: PC=0xfffffe001f232f1c, LR=0xfffffe001f232f18, FP=0xfffffe6019263ef0
Panicked task 0xfffffe1b33af4678: 15909 pages, 9 threads: pid 491: mds_stores
Panicked thread: 0xfffffe299897b8e0, backtrace: 0xfffffe60bb662be0, tid: 5737

lr: 0xfffffe001f1fe4e4 fp: 0xfffffe60bb662c50
lr: 0xfffffe001f1fe1b4 fp: 0xfffffe60bb662cc0
lr: 0xfffffe001f33e070 fp: 0xfffffe60bb662ce0
lr: 0xfffffe001f33047c fp: 0xfffffe60bb662d60
lr: 0xfffffe001f32decc fp: 0xfffffe60bb662e20
lr: 0xfffffe001f1b37f8 fp: 0xfffffe60bb662e30
lr: 0xfffffe001f1fde28 fp: 0xfffffe60bb6631d0
lr: 0xfffffe001f1fde28 fp: 0xfffffe60bb663240
lr: 0xfffffe001fa13a90 fp: 0xfffffe60bb663260
lr: 0xfffffe001fa179e0 fp: 0xfffffe60bb663710
lr: 0xfffffe001f2676d0 fp: 0xfffffe60bb663770
lr: 0xfffffe001f20f67c fp: 0xfffffe60bb6637b0
lr: 0xfffffe001f2d9970 fp: 0xfffffe60bb663810
lr: 0xfffffe001f2d84b0 fp: 0xfffffe60bb663970
lr: 0xfffffe001f78c940 fp: 0xfffffe60bb663990
lr: 0xfffffe0021c03c30 fp: 0xfffffe60bb663ae0
lr: 0xfffffe001f7e9dec fp: 0xfffffe60bb663c10
lr: 0xfffffe001f28d62c fp: 0xfffffe60bb663c60
lr: 0xfffffe001f2c2c5c fp: 0xfffffe60bb663d40
lr: 0xfffffe001f742e5c fp: 0xfffffe60bb663db0
lr: 0xfffffe001f867558 fp: 0xfffffe60bb663e50
lr: 0xfffffe001f32df9c fp: 0xfffffe60bb663f10
lr: 0xfffffe001f1b37f8 fp: 0xfffffe60bb663f20

Kernel Extensions in backtrace:

com.apple.filesystems.apfs(1933.61.1)[89EC2F8D-E76B-3922-A02C-650CBA263816]@0xfffffe0021bac8b0->0xfffffe0021cd5527
dependency: com.apple.driver.AppleEffaceableStorage(1.0)[904EB77F-E0A9-3C20-A8B2-535486E41D00]@0xfffffe00200d8b60->0xfffffe00200dd5b
dependency: com.apple.iokit.CoreAnalyticsFamily(1)
[D3B5A5ED-0139-35D6-8BE7-6F6DA85C9EE5]@0xfffffe0020b19a30->0xfffffe0020b1f8f3
dependency: com.apple.iokit.IOStorageFamily(2.1)[BD6BD9E7-F4B2-3706-8B08-CA044B232F88]@0xfffffe00215508a0->0xfffffe002157142b
dependency: com.apple.kec.corecrypto(12.0)[D707A84E-14B7-3FC9-B566-F9F1D163B3DB]@0xfffffe0021d0ba40->0xfffffe0021d58557

last started kext at 1076033423: com.apple.driver.AppleBluetoothHIDKeyboard
228 (addr 0xfffffe001eb1cb80, size 1756)

loaded kexts:

com.apple.fileutil 20.036.15
com.apple.filesystems.autofs 3.0
com.apple.UVCService 1
com.apple.driver.AppleTopCaseHIDEventDriver 5020.1
com.apple.driver.AppleBiometricServices 1
com.apple.driver.CoreKDL 1
com.apple.driver.DiskImages.ReadWriteDiskImage 493.0.0
com.apple.driver.DiskImages.UDIFDiskImage 493.0.0
com.apple.driver.DiskImages.RAMBackingStore 493.0.0
com.apple.driver.DiskImages.FileBackingStore 493.0.0
com.apple.filesystems.apfs 1933.61.1
com.apple.driver.BCMWLANFirmware4387.Hashstore 1
com.apple.driver.SEPHibernation 1
com.apple.driver.AppleUSBDeviceNCM 5.0.0
com.apple.driver.AppleThunderboltIP 4.0.3
com.apple.driver.AppleFileSystemDriver 3.0.1
com.apple.nke.I2tp 1.9
com.apple.filesystems.tmpfs 1
com.apple.filesystems.lifs 1
com.apple.IOTextEncryptionFamily1.0.0
com.apple.filesystems.hfs.kext 582.60.2
com.apple.security.BootPolicy 1
com.apple.BootCache 40
com.apple.AppleFSCompression.AppleFSCompressionTypeZlib 1.0.0
com.apple.AppleFSCompression.AppleFSCompressionTypeDataless 1.0.0d1
com.apple.AppleEmbeddedSimpleSPINORFlasher1
com.apple.driver.AppleCS42L84Audio 520.5
com.apple.driver.AppleSmartIO2 1
com.apple.driver.ApplePMP 1
com.apple.driver.AppleSN012776Amp 520.5
com.apple.driver.AppleT6000SOCTuner 1
com.apple.driver.AppleT6000CLPCv3 1
com.apple.driver.AppleSmartBatteryManager 161.0.0
com.apple.driver.AppleALSCColorSensor 1.0.0d1
com.apple.driver.AppleAOPVoiceTrigger 100.1
com.apple.driver.AppleDPDisplayTCON 1
com.apple.driver.ApplePMPFirmware 1
com.apple.driver.usb.AppleSynopsysUSB40XHCI 1
com.apple.driver.AppleSPMIPMU 1.0.1
com.apple.driver.AppleAVD 416

com.apple.driver.AppleMCDP29XXUpdateSupport 1
com.apple.AGXG13X 187.59
com.apple.driver.AppleAVE2 520.21.1
com.apple.driver.AppleProResHW 126.2.0
com.apple.driver.AppleJPEGDriver 4.7.9
com.apple.driver.AppleSDXC 3.1.1
com.apple.driver.AppleSamsungSerial 1.0.0d1
com.apple.driver.AppleSerialShim 1
com.apple.driver.AppleMobileDispT600X-DCP 140.0
com.apple.driver.AppleM68Buttons 1.0.0d1
com.apple.driver.AppleT6001PMGR 1
com.apple.driver.AppleEventLogHandler 1
com.apple.driver.AppleS5L8960XNCO 1
com.apple.driver.AppleS8000AES 1
com.apple.driver.AppleS8000DWI 1.0.0d1
com.apple.driver.AppleInterruptControllerV2 1.0.0d1
com.apple.driver.AppleT8110DART 1
com.apple.driver.AppleBluetoothModule 1
com.apple.driver.AppleBCM WLANBusInterfacePCle 1
com.apple.driver.AppleS5L8920XPWM 1.0.0d1
com.apple.driver.AudioDMAController-T600x 100.51
com.apple.driver.AppleT6000DART 1
com.apple.driver.AppleSPIMC1
com.apple.driver.AppleS5L8940XI2C 1.0.0d2
com.apple.driver.AppleT6000 1
com.apple.iokit.IOUserEthernet 1.0.1
com.apple.driver.usb.AppleUSBUserHCI 1
com.apple.iokit.IOKitRegistryCompatibility 1
com.apple.iokit.EndpointSecurity 1
com.apple.driver.AppleDiskImages2 126.60.3
com.apple.AppleSystemPolicy 2.0.0
com.apple.nke.applicationfirewall 402
com.apple.kec.InvalidateHmac 1
com.apple.kec.AppleEncryptedArchive 1
com.apple.driver.AppleBluetoothHIDKeyboard 228
com.apple.driver.driverkit.serial 6.0.0
com.apple.kext.triggers 1.0
com.apple.iokit.IOAVBFamily 1010.2
com.apple.plugin.IOGPTPlugin 1000.11
com.apple.iokit.IOEthernetAVBController 1.1.0
com.apple.driver.AppleHIDKeyboard 228
com.apple.driver.AppleActuatorDriver 5430.1
com.apple.driver.AppleMultitouchDriver 5430.1
com.apple.driver.AppleHSBluetoothDriver 5020.1

com.apple.driver.IOBluetoothHIDDriver 9.0.0
com.apple.driver.AppleMesaSEPDriver 100.99
com.apple.iokit.IOBiometricFamily 1
com.apple.driver.DiskImages.KernelBacked 493.0.0
com.apple.driver.usb.IOUSBHostHIDDevice 1.2
com.apple.driver.usb.cdc 5.0.0
com.apple.driver.AppleUSBAudio 413.5
com.apple.iokit.IOAudioFamily 300.10
com.apple.vecLib.kext 1.2.0
com.apple.driver.AppleXsanScheme 3
com.apple.driver.AppleSEPHDCPManager 1.0.1
com.apple.driver.AppleTrustedAccessory 1
com.apple.iokit.AppleSEPGenericTransfer 1
com.apple.driver.usb.networking 5.0.0
com.apple.driver.AppleThunderboltPCIDownAdapter 4.1.1
com.apple.driver.AppleThunderboltDPInAdapter 8.5.1
com.apple.driver.AppleThunderboltDPAdapterFamily 8.5.1
com.apple.driver.AppleThunderboltUSBDownAdapter 1.0.4
com.apple.nke.ppp 1.9
com.apple.driver.AppleHIDTransportSPI5400.30
com.apple.driver.AppleHIDTransport 5400.30
com.apple.driver.AppleInputDeviceSupport 5400.30
com.apple.driver.AppleConvergedIPCOLYBTControl 1
com.apple.driver.AppleConvergedPCI 1
com.apple.driver.AppleBluetoothDebug 1
com.apple.driver.AppleBSDKextStarter 3
com.apple.driver.AppleBTM 1.0.1
com.apple.filesystems.hfs.encodings.kext 1
com.apple.driver.AppleCSEmbeddedAudio 520.5
com.apple.driver.AppleDCPDPTXProxy 1.0.0
com.apple.driver.DCPDPFamilyProxy 1
com.apple.driver.AppleDiagnosticDataAccessReadOnly 1.0.0
com.apple.driver.ApplePassthroughPPM 3.0
com.apple.driver.AppleAOPAudio 102.2
com.apple.driver.AppleEmbeddedAudio520.5
com.apple.iokit.AppleARMIIISAudio100.1
com.apple.driver.AppleUSBXDCIARM 1.0
com.apple.driver.AppleUSBXDCI 1.0
com.apple.iokit.IOUSBDeviceFamily 2.0.0
com.apple.driver.usb.AppleSynopsysUSBXHCI 1
com.apple.driver.usb.AppleUSBXHCI 1.2
com.apple.driver.AppleEmbeddedUSBHost 1
com.apple.driver.usb.AppleUSBHub 1.2
com.apple.driver.usb.AppleUSBHostCompositeDevice 1.2

com.apple.driver.AppleStockholmControl 1.0.0
com.apple.driver.AppleSPU 1
com.apple.driver.AppleDialogPMU 1.0.1
com.apple.driver.AppleSPMI 1.0.1
com.apple.iokit.IONVMeFamily 2.1.0
com.apple.driver.AppleNANDConfigAccess 1.0.0
com.apple.driver.AppleHPM 3.4.4
com.apple.AGXFirmwareKextG13XRTBuddy 187.59
com.apple.AGXFirmwareKextRTBuddy64 187.59
com.apple.iokit.IOGPUFamily 35.11
com.apple.driver.DCPAVFamilyProxy 1
com.apple.iokit.IOMobileGraphicsFamily-DCP 343.0.0
com.apple.iokit.IOMobileGraphicsFamily 343.0.0
com.apple.driver.AppleSART 1
com.apple.driver.AppleT6000TypeCPhy1
com.apple.driver.AppleT8103TypeCPhy1
com.apple.driver.AppleDCP 1
com.apple.driver.AppleFirmwareKit 1
com.apple.driver.ApplePMGR 1
com.apple.driver.usb.AppleUSBHostPacketFilter 1.0
com.apple.driver.AppleARMWatchdogTimer 1
com.apple.driver.AppleDisplayCrossbar 1.0.0
com.apple.iokit.IODisplayPortFamily 1.0.0
com.apple.driver.AppleTypeCPhy 1
com.apple.driver.AppleThunderboltNHI 7.2.8
com.apple.driver.AppleT6000PCleC 1
com.apple.iokit.IOThunderboltFamily 9.3.3
com.apple.driver.ApplePIODMA 1
com.apple.driver.AppleT600xPCle 1
com.apple.driver.AppleMultiFunctionManager 1
com.apple.driver.AppleBluetoothDebugService 1
com.apple.driver.AppleBCM WLANCore 1.0.0
com.apple.iokit.IO80211Family 1200.12.2b1
com.apple.driver.IOImageLoader 1.0.0
com.apple.driver.AppleOLYHAL 1
com.apple.driver.corecapture 1.0.4
com.apple.driver.AppleEmbeddedPCIE 1
com.apple.driver.AppleMCA2-T600x 600.95
com.apple.driver.AppleEmbeddedAudioLibs 100.9.1
com.apple.driver.AppleFirmwareUpdateKext 1
com.apple.driver.AppleH13CameraInterface 4.87.0
com.apple.driver.AppleH10PearlCameraInterface 17.0.3
com.apple.driver.AppleGPIOICController 1.0.2
com.apple.driver.AppleFireStormErrorHandler 1

com.apple.driver.AppleMobileApNonce 1
com.apple.iokit.IOTimeSyncFamily 1000.11
com.apple.driver.DiskImages 493.0.0
com.apple.iokit.IOGraphicsFamily 593
com.apple.iokit.IOBluetoothSerialManager 9.0.0
com.apple.iokit.IOBluetoothHostControllerUSBTransport 9.0.0
com.apple.iokit.IOBluetoothHostControllerUARTTransport 9.0.0
com.apple.iokit.IOBluetoothHostControllerTransport 9.0.0
com.apple.driver.IOBluetoothHostControllerPCleTransport 9.0.0
com.apple.iokit.IOBluetoothFamily 9.0.0
com.apple.driver.FairPlayIOKit 68.13.1
com.apple.iokit.CSRBluetoothHostControllerUSBTransport 9.0.0
com.apple.iokit.BroadcomBluetoothHostControllerUSBTransport 9.0.0
com.apple.driver.AppleSSE 1.0
com.apple.driver.AppleSEPKeyStore 2
com.apple.driver.AppleUSBTDM 532.40.7
com.apple.iokit.IOUSBMassStorageDriver 209.40.6
com.apple.iokit.IOPCIFamily 2.9
com.apple.iokit.IOSCSIBlockCommandsDevice 452.60.2
com.apple.iokit.IOSCSIArchitectureModelFamily 452.60.2
com.apple.driver.AppleIPAppender 1.0
com.apple.driver.AppleFDEKeyStore 28.30
com.apple.driver.AppleEffaceableStorage 1.0
com.apple.driver.AppleCredentialManager 1.0
com.apple.driver.KernelRelayHost 1
com.apple.iokit.IOUSBHostFamily 1.2
com.apple.driver.AppleUSBHostMergeProperties 1.2
com.apple.driver.usb.AppleUSBCommon 1.0
com.apple.driver.AppleSMC 3.1.9
com.apple.driver.RTBuddy 1.0.0
com.apple.driver.AppleEmbeddedTempSensor 1.0.0
com.apple.driver.AppleARMPMU 1.0
com.apple.iokit.IOAccessoryManager 1.0.0
com.apple.driver.AppleOnboardSerial 1.0
com.apple.iokit.IOSkywalkFamily 1.0
com.apple.driver.mDNSEffloadUserClient 1.0.1b8
com.apple.iokit.IONetworkingFamily 3.4
com.apple.iokit.IOSerialFamily 11
com.apple.driver.AppleSEPManager 1.0.1
com.apple.driver.AppleA7IOP 1.0.2
com.apple.driver.IOSlaveProcessor 1
com.apple.driver.AppleBiometricSensor2
com.apple.iokit.IOHIDFamily 2.0.0
com.apple.iokit.CoreAnalyticsFamily 1

com.apple.driver.AppleANELoadBalancer 5.34.2
com.apple.driver.AppleH11ANEInterface 5.34.0
com.apple.AUC 1.0
com.apple.iokit.IOAVFamily 1.0.0
com.apple.iokit.IOHDCPFamily 1.0.0
com.apple.iokit.IOCECFamily 1
com.apple.iokit.IOAudio2Family 1.0
com.apple.driver.AppleIISController 100.1
com.apple.driver.AppleAudioClockLibs 100.9.1
com.apple.driver.AppleM2ScalerCSCDriver 265.0.0
com.apple.iokit.IOSurface 302.9
com.apple.driver.IODARTFamily 1
com.apple.security.quarantine 4
com.apple.security.sandbox 300.0
com.apple.kext.AppleMatch 1.0.0d1
com.apple.driver.AppleMobileFileIntegrity 1.0.5
com.apple.security.AppleImage4 4.2.0
com.apple.kext.CoreTrust 1
com.apple.iokit.IOCryptoAcceleratorFamily 1.0.1
com.apple.driver.AppleARMPlatform 1.0.2
com.apple.iokit.IOSTorageFamily 2.1
com.apple.iokit.IOSlowAdaptiveClockingFamily 1.0.0
com.apple.iokit.IOReportFamily 47
com.apple.kec.pthread 1
com.apple.kec.Libm 1
com.apple.kec.corecrypto 12.0

**** Stackshot Succeeded ** Bytes Traced 309450 (Uncompressed 804640) ****

RESTART 4: 1/24/22 - 13:27:

panic(cpu 6 caller 0xfffffe001cb7b9e0): [data.kalloc.16]: element modified after free (off:0, val:0x00000000000005547, sz:16, ptr:0xfffffe299ab47610)

0: 0x00000000000005547

Debugger message: panic

Memory ID: 0x1

OS release type: User

OS version: 21C52

Kernel version: Darwin Kernel Version 21.2.0: Sun Nov 28 20:28:41 PST 2021;

root:xnu-8019.61.5~1/RELEASE_ARM64_T6000

Fileset Kernelcache UUID: 88208EF24C07AA8B02CDA1369E036EBD

Kernel UUID: 2F4E22DC-64BE-3369-B574-0909F0571FA6

iBoot version: iBoot-7429.61.2
secure boot?: YES
Paniclog version: 13
KernelCache slide: 0x00000000149f8000
KernelCache base: 0xfffffe001b9fc000
Kernel slide: 0x0000000015224000
Kernel text base: 0xfffffe001c228000
Kernel text exec slide: 0x000000001530c000
Kernel text exec base: 0xfffffe001c310000
mach_absolute_time: 0x3b96217865
Epoch Time: sec usec
 Boot : 0x61edf088 0x000cbaf1
 Sleep : 0x61eeeb28 0x00019334
 Wake : 0x61eeefb 0x0005234b
 Calendar: 0x61eeef4c 0x000d884f

Zone info:

Foreign : 0xfffffe00242fc000 - 0xfffffe0024310000
Native : 0xfffffe10005e0000 - 0xfffffe30005e0000
Readonly : 0xfffffe14cd2ac000 - 0xfffffe1666c40000
Metadata : 0xfffffe645e438000 - 0xfffffe646a3ac000
Bitmaps : 0xfffffe646a3ac000 - 0xfffffe6475dc0000
CORE 0 PVH locks held: None
CORE 1 PVH locks held: None
CORE 2 PVH locks held: None
CORE 3 PVH locks held: None
CORE 4 PVH locks held: None
CORE 5 PVH locks held: None
CORE 6 PVH locks held: None
CORE 7 PVH locks held: None
CORE 8 PVH locks held: None
CORE 9 PVH locks held: None
CORE 0: PC=0xfffffe001ca41b04, LR=0xfffffe001cc18eb4, FP=0xfffffe601948bc60
CORE 1: PC=0xfffffe001caa62b8, LR=0xfffffe001e517f90, FP=0xfffffe60fe92b3b0
CORE 2: PC=0xfffffe001c37cad4, LR=0xfffffe001c347c80, FP=0xfffffe6102303c20
CORE 3: PC=0xfffffe001c396f1c, LR=0xfffffe001c396f18, FP=0xfffffe6076e63ef0
CORE 4: PC=0xfffffe001c396f1c, LR=0xfffffe001c396f18, FP=0xfffffe60e8173ef0
CORE 5: PC=0xfffffe001c396f1c, LR=0xfffffe001c396f18, FP=0xfffffe60e85d3ef0
CORE 6 is the one that panicked. Check the full backtrace for details.
CORE 7: PC=0xfffffe001c396f1c, LR=0xfffffe001c396f18, FP=0xfffffe60baf6bef0
CORE 8: PC=0xfffffe001c396f1c, LR=0xfffffe001c396f18, FP=0xfffffe601decbef0
CORE 9: PC=0xfffffe001c396f1c, LR=0xfffffe001c396f18, FP=0xfffffe601946bef0

Panicked task 0xfffffe1b35119a90: 47466 pages, 106 threads: pid 536: firefox
Panicked thread: 0xfffffe1667b6a080, backtrace: 0xfffffe61023129a0, tid: 9540

lr: 0xfffffe001c3624e4 fp: 0xfffffe6102312a10
lr: 0xfffffe001c3621b4 fp: 0xfffffe6102312a80
lr: 0xfffffe001c4a2070 fp: 0xfffffe6102312aa0
lr: 0xfffffe001c49447c fp: 0xfffffe6102312b20
lr: 0xfffffe001c491ecc fp: 0xfffffe6102312be0
lr: 0xfffffe001c3177f8 fp: 0xfffffe6102312bf0
lr: 0xfffffe001c361e28 fp: 0xfffffe6102312f90
lr: 0xfffffe001c361e28 fp: 0xfffffe6102313000
lr: 0xfffffe001cb77a90 fp: 0xfffffe6102313020
lr: 0xfffffe001cb7b9e0 fp: 0xfffffe61023134d0
lr: 0xfffffe001c3cb6d0 fp: 0xfffffe6102313530
lr: 0xfffffe001ca418bc fp: 0xfffffe6102313550
lr: 0xfffffe001cab4cc8 fp: 0xfffffe6102313610
lr: 0xfffffe001caa2c84 fp: 0xfffffe61023136c0
lr: 0xfffffe001caa3ef8 fp: 0xfffffe6102313700
lr: 0xfffffe001e6e12c4 fp: 0xfffffe61023137c0
lr: 0xfffffe001e6dd35c fp: 0xfffffe6102313800
lr: 0xfffffe001e6ee54c fp: 0xfffffe6102313840
lr: 0xfffffe001e6f2b94 fp: 0xfffffe6102313890
lr: 0xfffffe001e6f11b0 fp: 0xfffffe61023138d0
lr: 0xfffffe001cad97e8 fp: 0xfffffe6102313930
lr: 0xfffffe001cae5eb0 fp: 0xfffffe6102313ac0
lr: 0xfffffe001c462898 fp: 0xfffffe6102313be0
lr: 0xfffffe001c368818 fp: 0xfffffe6102313c80
lr: 0xfffffe001c33f690 fp: 0xfffffe6102313cf0
lr: 0xfffffe001c35716c fp: 0xfffffe6102313d80
lr: 0xfffffe001c48745c fp: 0xfffffe6102313e50
lr: 0xfffffe001c492304 fp: 0xfffffe6102313f10
lr: 0xfffffe001c3177f8 fp: 0xfffffe6102313f20

Kernel Extensions in backtrace:

com.apple.iokit.IOSurface(302.9)[1517231E-7174-32B9-8ECD-B1F576E85730]@0xfffffe001e6d9300->0xfffffe001e6f9557

last started kext at 1200010427: com.apple.driver.AppleBluetoothHIDKeyboard
228 (addr 0xfffffe001bc80b80, size 1756)

loaded kexts:

com.apple.filesystems.autofs 3.0
com.apple.fileutil 20.036.15
com.apple.UVCService 1
com.apple.driver.AppleTopCaseHIDEventDriver 5020.1
com.apple.driver.AppleBiometricServices 1
com.apple.driver.CoreKDL 1

com.apple.driver.DiskImages.ReadWriteDiskImage 493.0.0
com.apple.driver.DiskImages.UDIFDiskImage 493.0.0
com.apple.driver.DiskImages.RAMBackingStore 493.0.0
com.apple.driver.DiskImages.FileBackingStore 493.0.0
com.apple.filesystems.apfs 1933.61.1
com.apple.driver.BCMWLANFirmware4387.Hashstore 1
com.apple.driver.SEPHibernation 1
com.apple.driver.AppleUSBDeviceNCM 5.0.0
com.apple.driver.AppleThunderboltIP 4.0.3
com.apple.driver.AppleFileSystemDriver 3.0.1
com.apple.nke.I2tp 1.9
com.apple.filesystems.tmpfs 1
com.apple.filesystems.lifs 1
com.apple.IOTextEncryptionFamily1.0.0
com.apple.filesystems.hfs.kext 582.60.2
com.apple.security.BootPolicy 1
com.apple.BootCache 40
com.apple.AppleFSCompression.AppleFSCompressionTypeZlib 1.0.0
com.apple.AppleFSCompression.AppleFSCompressionTypeDataless 1.0.0d1
com.apple.driver.ApplePMP 1
com.apple.driver.AppleCS42L84Audio 520.5
com.apple.AppleEmbeddedSimpleSPINORFlasher1
com.apple.driver.AppleSN012776Amp 520.5
com.apple.driver.AppleSmartIO2 1
com.apple.driver.AppleT6000SOCTuner 1
com.apple.driver.AppleT6000CLPCv3 1
com.apple.driver.AppleSmartBatteryManager 161.0.0
com.apple.driver.AppleALSCColorSensor1.0.0d1
com.apple.driver.AppleAOPVoiceTrigger 100.1
com.apple.driver.AppleDPDisplayTCON 1
com.apple.driver.AppleEventLogHandler 1
com.apple.driver.AppleS5L8960XNCO 1
com.apple.driver.ApplePMPFirmware 1
com.apple.driver.AppleJPEGDriver 4.7.9
com.apple.driver.AppleT6001PMGR 1
com.apple.driver.AppleSDXC 3.1.1
com.apple.driver.AppleAVD 416
com.apple.driver.AppleAVE2 520.21.1
com.apple.driver.AppleMCDP29XXUpdateSupport 1
com.apple.driver.AppleSPMIPMU 1.0.1
com.apple.AGXG13X 187.59
com.apple.driver.AppleS8000AES 1
com.apple.driver.AppleMobileDispT600X-DCP 140.0
com.apple.driver.AppleProResHW 126.2.0

com.apple.driver.AppleM68Buttons 1.0.0d1
com.apple.driver.usb.AppleSynopsysUSB40XHCI 1
com.apple.driver.AppleSamsungSerial 1.0.0d1
com.apple.driver.AppleSerialShim 1
com.apple.driver.AppleS8000DWI 1.0.0d1
com.apple.driver.AppleInterruptControllerV2 1.0.0d1
com.apple.driver.AppleT8110DART 1
com.apple.driver.AppleBluetoothModule 1
com.apple.driver.AppleBCM WLANBusInterfacePCle 1
com.apple.driver.AppleS5L8920XPWM 1.0.0d1
com.apple.driver.AudioDMAController-T600x 100.51
com.apple.driver.AppleT6000DART 1
com.apple.driver.AppleSPIMC1
com.apple.driver.AppleS5L8940XI2C 1.0.0d2
com.apple.driver.AppleT6000 1
com.apple.iokit.IOUserEthernet 1.0.1
com.apple.driver.usb.AppleUSBUserHCI 1
com.apple.iokit.IOKitRegistryCompatibility 1
com.apple.iokit.EndpointSecurity 1
com.apple.driver.AppleDiskImages2 126.60.3
com.apple.AppleSystemPolicy 2.0.0
com.apple.nke.applicationfirewall 402
com.apple.kec.InvalidateHmac 1
com.apple.kec.AppleEncryptedArchive 1
com.apple.driver.AppleBluetoothHIDKeyboard 228
com.apple.driver.driverkit.serial 6.0.0
com.apple.kext.triggers 1.0
com.apple.iokit.IOAVBFamily 1010.2
com.apple.plugin.IOGPTPlugin 1000.11
com.apple.iokit.IOEthernetAVBController 1.1.0
com.apple.driver.AppleActuatorDriver 5430.1
com.apple.driver.AppleMultitouchDriver 5430.1
com.apple.driver.AppleHSBluetoothDriver 5020.1
com.apple.driver.IOBluetoothHIDDriver 9.0.0
com.apple.driver.AppleHIDKeyboard 228
com.apple.driver.AppleMesaSEPDriver 100.99
com.apple.iokit.IOBiometricFamily 1
com.apple.driver.DiskImages.KernelBacked 493.0.0
com.apple.driver.usb.IOUSBHostHIDDevice 1.2
com.apple.driver.usb.cdc 5.0.0
com.apple.driver.AppleUSBAudio 413.5
com.apple.iokit.IOAudioFamily 300.10
com.apple.vecLib.kext 1.2.0
com.apple.driver.AppleXsanScheme 3

com.apple.driver.AppleSEPHDCPManager 1.0.1
com.apple.driver.AppleTrustedAccessory 1
com.apple.iokit.AppleSEPGenericTransfer 1
com.apple.driver.usb.networking 5.0.0
com.apple.driver.AppleThunderboltUSBDownAdapter 1.0.4
com.apple.driver.AppleThunderboltPCIDownAdapter 4.1.1
com.apple.driver.AppleThunderboltDPIInAdapter 8.5.1
com.apple.driver.AppleThunderboltDPAdapterFamily 8.5.1
com.apple.driver.AppleHIDTransportSPI5400.30
com.apple.driver.AppleHIDTransport 5400.30
com.apple.driver.AppleInputDeviceSupport 5400.30
com.apple.nke.ppp 1.9
com.apple.driver.AppleConvergedIPCOLYBTControl 1
com.apple.driver.AppleConvergedPCI 1
com.apple.driver.AppleBluetoothDebug 1
com.apple.driver.AppleBTM 1.0.1
com.apple.driver.AppleBSDKextStarter 3
com.apple.filesystems.hfs.encodings.kext 1
com.apple.driver.AppleDiagnosticDataAccessReadOnly 1.0.0
com.apple.driver.AppleCSEmbeddedAudio 520.5
com.apple.driver.AppleDCPDPTXProxy 1.0.0
com.apple.driver.DCPDPFamilyProxy 1
com.apple.driver.ApplePassthroughPPM 3.0
com.apple.driver.AppleAOPAudio 102.2
com.apple.driver.AppleEmbeddedAudio520.5
com.apple.iokit.AppleARMIIISAudio100.1
com.apple.driver.AppleSPU 1
com.apple.driver.usb.AppleUSBHostPacketFilter 1.0
com.apple.driver.ApplePMGR 1
com.apple.driver.AppleMobileApNonce 1
com.apple.driver.DCPAVFamilyProxy 1
com.apple.driver.AppleStockholmControl 1.0.0
com.apple.AGXFirmwareKextG13XRTBuddy 187.59
com.apple.AGXFirmwareKextRTBuddy64 187.59
com.apple.driver.AppleHPM 3.4.4
com.apple.driver.AppleDialogPMU 1.0.1
com.apple.driver.AppleSPMI 1.0.1
com.apple.iokit.IOGPUFamily 35.11
com.apple.iokit.IOMobileGraphicsFamily-DCP 343.0.0
com.apple.driver.AppleDCP 1
com.apple.driver.AppleFirmwareKit 1
com.apple.iokit.IOMobileGraphicsFamily 343.0.0
com.apple.driver.AppleUSBXDCIARM 1.0
com.apple.driver.AppleUSBXDCI 1.0

com.apple.iokit.IOUSBDeviceFamily 2.0.0
com.apple.driver.usb.AppleSynopsysUSBXHCI 1
com.apple.driver.usb.AppleUSBXHCI 1.2
com.apple.driver.AppleEmbeddedUSBHost 1
com.apple.driver.usb.AppleUSBHub 1.2
com.apple.driver.usb.AppleUSBHostCompositeDevice 1.2
com.apple.driver.AppleT6000TypeCPHY1
com.apple.driver.AppleT8103TypeCPHY1
com.apple.iokit.IONVMeFamily 2.1.0
com.apple.driver.AppleNANDConfigAccess 1.0.0
com.apple.driver.AppleSART 1
com.apple.driver.AppleARMWatchdogTimer 1
com.apple.driver.AppleDisplayCrossbar 1.0.0
com.apple.iokit.IODisplayPortFamily 1.0.0
com.apple.driver.AppleTypeCPHY 1
com.apple.driver.AppleThunderboltNHI 7.2.8
com.apple.driver.AppleT6000PCIEC 1
com.apple.iokit.IOThunderboltFamily 9.3.3
com.apple.driver.ApplePIODMA 1
com.apple.driver.AppleT600xPCIE 1
com.apple.driver.AppleMultiFunctionManager 1
com.apple.driver.AppleBluetoothDebugService 1
com.apple.driver.AppleBCM WLANCore 1.0.0
com.apple.iokit.IO80211Family 1200.12.2b1
com.apple.driver.IOImageLoader 1.0.0
com.apple.driver.AppleOLYHAL 1
com.apple.driver.corecapture 1.0.4
com.apple.driver.AppleEmbeddedPCIE 1
com.apple.driver.AppleMCA2-T600x 600.95
com.apple.driver.AppleEmbeddedAudioLibs 100.9.1
com.apple.driver.AppleFirmwareUpdateKext 1
com.apple.driver.AppleH13CameraInterface 4.87.0
com.apple.driver.AppleH10PearlCameraInterface 17.0.3
com.apple.driver.AppleGPIOICController 1.0.2
com.apple.driver.AppleFireStormErrorHandler 1
com.apple.iokit.IOTimeSyncFamily 1000.11
com.apple.driver.DiskImages 493.0.0
com.apple.iokit.IOGraphicsFamily 593
com.apple.iokit.IOBluetoothSerialManager 9.0.0
com.apple.iokit.IOBluetoothHostControllerUSBTransport 9.0.0
com.apple.iokit.IOBluetoothHostControllerUARTTransport 9.0.0
com.apple.iokit.IOBluetoothHostControllerTransport 9.0.0
com.apple.driver.IOBluetoothHostControllerPCIETransport 9.0.0
com.apple.iokit.IOBluetoothFamily 9.0.0

com.apple.driver.FairPlayIOKit 68.13.1
com.apple.iokit.CSRBluetoothHostControllerUSBTransport 9.0.0
com.apple.iokit.BroadcomBluetoothHostControllerUSBTransport9.0.0
com.apple.driver.AppleSSE 1.0
com.apple.driver.AppleSEPKeyStore 2
com.apple.driver.AppleUSBTDM 532.40.7
com.apple.iokit.IOUSBMassStorageDriver 209.40.6
com.apple.iokit.IOPCIFamily 2.9
com.apple.iokit.IOCSISBlockCommandsDevice 452.60.2
com.apple.iokit.IOCSISArchitectureModelFamily 452.60.2
com.apple.driver.AppleIPAppender 1.0
com.apple.driver.AppleFDEKeyStore 28.30
com.apple.driver.AppleEffaceableStorage 1.0
com.apple.driver.AppleCredentialManager 1.0
com.apple.driver.KernelRelayHost 1
com.apple.iokit.IOUSBHostFamily 1.2
com.apple.driver.AppleUSBHostMergeProperties 1.2
com.apple.driver.usb.AppleUSBCommon 1.0
com.apple.driver.AppleSMC 3.1.9
com.apple.driver.RTBuddy 1.0.0
com.apple.driver.AppleEmbeddedTempSensor 1.0.0
com.apple.driver.AppleARMPMU 1.0
com.apple.iokit.IOAccessoryManager 1.0.0
com.apple.driver.AppleOnboardSerial 1.0
com.apple.iokit.IOSkywalkFamily 1.0
com.apple.driver.mDNSSoffloadUserClient 1.0.1b8
com.apple.iokit.IONetworkingFamily 3.4
com.apple.iokit.IOSerialFamily 11
com.apple.driver.AppleSEPManager 1.0.1
com.apple.driver.AppleA7IOP 1.0.2
com.apple.driver.IOSlaveProcessor 1
com.apple.driver.AppleBiometricSensor2
com.apple.iokit.IOHIDFamily 2.0.0
com.apple.iokit.CoreAnalyticsFamily 1
com.apple.driver.AppleANELoadBalancer 5.34.2
com.apple.driver.AppleH11ANEInterface 5.34.0
com.apple.AUC 1.0
com.apple.iokit.IOAVFamily 1.0.0
com.apple.iokit.IOHDCPFamily 1.0.0
com.apple.iokit.IOCECFamily 1
com.apple.iokit.IOAudio2Family 1.0
com.apple.driver.AppleIISController 100.1
com.apple.driver.AppleAudioClockLibs 100.9.1
com.apple.driver.AppleM2ScalerCSCDriver 265.0.0

com.apple.iokit.IOSurface 302.9
com.apple.driver.IODARTFamily 1
com.apple.security.quarantine 4
com.apple.security.sandbox 300.0
com.apple.kext.AppleMatch 1.0.0d1
com.apple.driver.AppleMobileFileIntegrity 1.0.5
com.apple.security.AppleImage4 4.2.0
com.apple.kext.CoreTrust 1
com.apple.iokit.IOCryptoAcceleratorFamily 1.0.1
com.apple.driver.AppleARMPlatform 1.0.2
com.apple.iokit.IOStorageFamily 2.1
com.apple.iokit.IOSlowAdaptiveClockingFamily 1.0.0
com.apple.iokit.IOReportFamily 47
com.apple.kec.pthread 1
com.apple.kec.Libm 1
com.apple.kec.corecrypto 12.0

**** Stackshot Succeeded ** Bytes Traced 398625 (Uncompressed 1036448) ****

RESTART 5: 1/24/22 - 13:41:

panic(cpu 0 caller 0xfffffe000febc538): Spinlock[0xfffffe2ffefd090] timeout after 12596832 ticks; current state: 0x5547, start time: 3270994016, now: 3283590848, timeout: 12582912 @locks.c:723
Debugger message: panic
Memory ID: 0x1
OS release type: User
OS version: 21C52
Kernel version: Darwin Kernel Version 21.2.0: Sun Nov 28 20:28:41 PST 2021; root:xnu-8019.61.5~1/RELEASE_ARM64_T6000
Fileset Kernelcache UUID: 88208EF24C07AA8B02CDA1369E036EBD
Kernel UUID: 2F4E22DC-64BE-3369-B574-0909F0571FA6
iBoot version: iBoot-7429.61.2
secure boot?: YES
Paniclog version: 13
KernelCache slide: 0x000000000853c000
KernelCache base: 0xfffffe000f540000
Kernel slide: 0x0000000008d68000
Kernel text base: 0xfffffe000fd6c000
Kernel text exec slide: 0x0000000008e50000
Kernel text exec base: 0xfffffe000fe54000
mach_absolute_time: 0xc3c05b7f

Epoch Time: sec usec
Boot : 0x61eef1fe 0x0005d5cf
Sleep : 0x00000000 0x00000000
Wake : 0x00000000 0x00000000
Calendar: 0x61eef280 0x0008746b

Zone info:

Foreign : 0xfffffe00182fc000 - 0xfffffe0018310000
Native : 0xfffffe10004f0000 - 0xfffffe30004f0000
Readonly : 0xfffffe14cd1bc000 - 0xfffffe1666b50000
Metadata : 0xfffffe7b143bc000 - 0xfffffe7b20360000
Bitmaps : 0xfffffe7b20360000 - 0xfffffe7b2bd78000

CORE 0 PVH locks held: None

CORE 1 PVH locks held: None

CORE 2 PVH locks held: None

CORE 3 PVH locks held: None

CORE 4 PVH locks held: None

CORE 5 PVH locks held: None

CORE 6 PVH locks held: None

CORE 7 PVH locks held: None

CORE 8 PVH locks held: None

CORE 9 PVH locks held: None

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

CORE 1: PC=0x000000010026bff0, LR=0x000000010026bb70,
FP=0x000000016fdf48d0

CORE 2: PC=0x000000019c8c5e44, LR=0x000000019c88cdf8,
FP=0x000000016f6e55f0

CORE 3: PC=0xfffffe000fedaf18, LR=0xfffffe000fedaf18, FP=0xfffffe7092cc3ef0

CORE 4: PC=0xfffffe000fedaf1c, LR=0xfffffe000fedaf18, FP=0xfffffe60e3803ef0

CORE 5: PC=0xfffffe000fedaf1c, LR=0xfffffe000fedaf18, FP=0xfffffe60e6d63ef0

CORE 6: PC=0xfffffe000fedaf1c, LR=0xfffffe000fedaf18, FP=0xfffffe60e6c73ef0

CORE 7: PC=0xfffffe000fedaf1c, LR=0xfffffe000fedaf18, FP=0xfffffe7092c93ef0

CORE 8: PC=0xfffffe000fedaf1c, LR=0xfffffe000fedaf18, FP=0xfffffe60e8033ef0

CORE 9: PC=0xfffffe000fedaf1c, LR=0xfffffe000fedaf18, FP=0xfffffe60b9cbbef0

Panicked task 0xfffffe2000479368: 7390 pages, 28 threads: pid 346:

WindowServer

Panicked thread: 0xfffffe2001aa71c0, backtrace: 0xfffffe6019262ec0, tid: 8951

lr: 0xfffffe000fea64e4 fp: 0xfffffe6019262f30

lr: 0xfffffe000fea61b4 fp: 0xfffffe6019262fa0

lr: 0xfffffe000ffe6070 fp: 0xfffffe6019262fc0

lr: 0xfffffe000ffd847c fp: 0xfffffe6019263040

lr: 0xfffffe000ffd5ecc fp: 0xfffffe6019263100

lr: 0xfffffe000fe5b7f8 fp: 0xfffffe6019263110

lr: 0xfffffe000fea5e28 fp: 0xfffffe60192634b0

lr: 0xfffffe000fea5e28 fp: 0xfffffe6019263520
lr: 0xfffffe00106bba90 fp: 0xfffffe6019263540
lr: 0xfffffe000febc538 fp: 0xfffffe6019263590
lr: 0xfffffe000febc2f4 fp: 0xfffffe6019263610
lr: 0xfffffe000ffd5224 fp: 0xfffffe60192636d0
lr: 0xfffffe00105f6750 fp: 0xfffffe6019263700
lr: 0xfffffe0010661754 fp: 0xfffffe6019263760
lr: 0xfffffe0010769dd8 fp: 0xfffffe60192637d0
lr: 0xfffffe00107692ec fp: 0xfffffe6019263800
lr: 0xfffffe0011ed4dd0 fp: 0xfffffe6019263830
lr: 0xfffffe0011eaa3b8 fp: 0xfffffe6019263850
lr: 0xfffffe0011ed48d0 fp: 0xfffffe6019263870
lr: 0xfffffe0011ebb77c fp: 0xfffffe6019263890
lr: 0xfffffe0011eb96f0 fp: 0xfffffe60192638b0
lr: 0xfffffe0011ec2d4c fp: 0xfffffe60192638d0
lr: 0xfffffe001061d7e8 fp: 0xfffffe6019263930
lr: 0xfffffe0010629eb0 fp: 0xfffffe6019263ac0
lr: 0xfffffe000ffa6898 fp: 0xfffffe6019263be0
lr: 0xfffffe000feac818 fp: 0xfffffe6019263c80
lr: 0xfffffe000fe83690 fp: 0xfffffe6019263cf0
lr: 0xfffffe000fe9b16c fp: 0xfffffe6019263d80
lr: 0xfffffe000ffcb45c fp: 0xfffffe6019263e50
lr: 0xfffffe000ffd6304 fp: 0xfffffe6019263f10
lr: 0xfffffe000fe5b7f8 fp: 0xfffffe6019263f20

Kernel Extensions in backtrace:

com.apple.iokit.IOGPUFamily(35.11)[9D4C6320-707B-39C3-AD45-B1964332B8EC]@0xfffffe0011ea9e90->0xfffffe0011ed8423
dependency: com.apple.driver.AppleMobileFileIntegrity(1.0.5)
[865C4CEB-66D4-3093-81CF-FFF584FB7289]@0xfffffe0011195930->0xfffffe00111b05bf
dependency: com.apple.iokit.IOGraphicsFamily(593)
[BA7C7306-5CCB-31BD-8295-0256EC054570]@0xfffffe0011ed8440->0xfffffe0011f0fa77
dependency: com.apple.iokit.IOPCIFamily(2.9)[0DB7597E-CBBD-3834-8BB0-CDD4E98440EB]@0xfffffe00121240c0->0xfffffe0012140903
dependency: com.apple.iokit.IOReportFamily(47)[34D7D91F-E485-3F2E-85CE-1023F8B66A8E]@0xfffffe0012140910->0xfffffe001214395b
dependency: com.apple.iokit.IOSurface(302.9)
[1517231E-7174-32B9-8ECD-B1F576E85730]@0xfffffe001221d300->0xfffffe001223d557
com.apple.AGXG13X(187.59)[7F288FB7-C58A-3C40-A62A-10DDEEF1EA45]@0xfffffe00107028b0->0xfffffe001077e823
dependency: com.apple.driver.AppleARMPlatform(1.0.2)[1C04FFC7-DD27-3161-A460-F936CDBDBA3E]@0xfffffe001083edf0->0xfffffe001088758f

dependency: com.apple.driver.AppleMobileFileIntegrity(1.0.5)
[865C4CEB-66D4-3093-81CF-FFF584FB7289]@0xfffffe0011195930-
>0xfffffe00111b05bf
dependency: com.apple.driver.RTBuddy(1.0.0)[94051FB8-
ACDF-3BAB-9EDC-575119EBAAB1]@0xfffffe00126e9610->0xfffffe001272179b
dependency: com.apple.iokit.CoreAnalyticsFamily(1)
[D3B5A5ED-0139-35D6-8BE7-6F6DA85C9EE5]@0xfffffe00117c1a30-
>0xfffffe00117c78f3
dependency: com.apple.iokit.IOGPUFamily(35.11)[9D4C6320-707B-39C3-
AD45-B1964332B8EC]@0xfffffe0011ea9e90->0xfffffe0011ed8423
dependency: com.apple.iokit.IOReportFamily(47)[34D7D91F-
E485-3F2E-85CE-1023F8B66A8E]@0xfffffe0012140910->0xfffffe001214395b
dependency: com.apple.iokit.IOSurface(302.9)
[1517231E-7174-32B9-8ECD-B1F576E85730]@0xfffffe001221d300-
>0xfffffe001223d557
dependency: com.apple.kec.Libm(1)[14E78439-0261-3302-
AFB8-9655853E8D4A]@0xfffffe00126d2980->0xfffffe00126d60af

last started kext at 1543914029: com.apple.driver.driverkit.serial 6.0.0 (addr
0xfffffe000fc4b390, size 3432)

loaded kexts:

com.apple.fileutil 20.036.15
com.apple.filesystems.autofs 3.0
com.apple.driver.AppleBiometricServices 1
com.apple.driver.CoreKDL 1
com.apple.driver.AppleTopCaseHIDEventDriver 5020.1
com.apple.driver.SEPHibernation 1
com.apple.driver.BCMWLANFirmware4387.Hashstore 1
com.apple.driver.DiskImages.ReadWriteDiskImage 493.0.0
com.apple.driver.DiskImages.UDIFDiskImage 493.0.0
com.apple.driver.DiskImages.RAMBackingStore 493.0.0
com.apple.driver.DiskImages.FileBackingStore 493.0.0
com.apple.filesystems.apfs 1933.61.1
com.apple.driver.AppleUSBDeviceNCM 5.0.0
com.apple.driver.AppleThunderboltIP 4.0.3
com.apple.driver.AppleFileSystemDriver 3.0.1
com.apple.nke.I2tp 1.9
com.apple.filesystems.tmpfs 1
com.apple.filesystems.lifs 1
com.apple.IOTextEncryptionFamily1.0.0
com.apple.filesystems.hfs.kext 582.60.2
com.apple.security.BootPolicy 1
com.apple.BootCache 40
com.apple.AppleFSCompression.AppleFSCompressionTypeZlib 1.0.0

com.apple.AppleFSCompression.AppleFSCompressionTypeDataless 1.0.0d1
com.apple.driver.ApplePMP 1
com.apple.AppleEmbeddedSimpleSPINORFlasher1
com.apple.driver.AppleSmartIO2 1
com.apple.driver.AppleCS42L84Audio 520.5
com.apple.driver.AppleSN012776Amp 520.5
com.apple.driver.AppleT6000SOCTuner 1
com.apple.driver.AppleT6000CLPCv3 1
com.apple.driver.AppleSmartBatteryManager 161.0.0
com.apple.driver.AppleALSCColorSensor 1.0.0d1
com.apple.driver.AppleAOPVoiceTrigger 100.1
com.apple.driver.AppleProResHW 126.2.0
com.apple.driver.AppleJPEGDriver 4.7.9
com.apple.driver.AppleMCDP29XXUpdateSupport 1
com.apple.driver.AppleAVE2 520.21.1
com.apple.driver.AppleAVD 416
com.apple.driver.AppleDPDisplayTCON 1
com.apple.driver.usb.AppleSynopsysUSB40XHCI 1
com.apple.driver.AppleSamsungSerial 1.0.0d1
com.apple.driver.AppleS8000AES 1
com.apple.driver.AppleSPMIPMU 1.0.1
com.apple.driver.AppleSerialShim 1
com.apple.driver.AppleMobileDispT600X-DCP 140.0
com.apple.AGXG13X 187.59
com.apple.driver.ApplePMPFirmware 1
com.apple.driver.AppleEventLogHandler 1
com.apple.driver.AppleS5L8960XNCO 1
com.apple.driver.AppleT6001PMGR 1
com.apple.driver.AppleS8000DWI 1.0.0d1
com.apple.driver.AppleInterruptControllerV2 1.0.0d1
com.apple.driver.AppleT8110DART 1
com.apple.driver.AppleBluetoothModule 1
com.apple.driver.AppleBCMWWLANBusInterfacePCle 1
com.apple.driver.AppleS5L8920XPWM 1.0.0d1
com.apple.driver.AudioDMAController-T600x 100.51
com.apple.driver.AppleT6000DART 1
com.apple.driver.AppleSPIMC1
com.apple.driver.AppleS5L8940XI2C 1.0.0d2
com.apple.driver.AppleT6000 1
com.apple.driver.AppleM68Buttons 1.0.0d1
com.apple.driver.AppleSDXC 3.1.1
com.apple.iokit.IOUserEthernet 1.0.1
com.apple.driver.usb.AppleUSBUserHCI 1
com.apple.iokit.IOKitRegistryCompatibility 1

com.apple.iokit.EndpointSecurity 1
com.apple.driver.AppleDiskImages2 126.60.3
com.apple.AppleSystemPolicy 2.0.0
com.apple.nke.applicationfirewall 402
com.apple.kec.InvalidateHmac 1
com.apple.kec.AppleEncryptedArchive 1
com.apple.driver.driverkit.serial 6.0.0
com.apple.kext.triggers 1.0
com.apple.driver.AppleBluetoothHIDKeyboard 228
com.apple.iokit.IOAVBFamily 1010.2
com.apple.plugin.IOgPTPPlugin 1000.11
com.apple.iokit.IOEthernetAVBController 1.1.0
com.apple.driver.AppleMesaSEPDriver 100.99
com.apple.iokit.IOBiometricFamily 1
com.apple.driver.AppleHIDKeyboard 228
com.apple.driver.AppleActuatorDriver 5430.1
com.apple.driver.AppleMultitouchDriver 5430.1
com.apple.driver.AppleHSBluetoothDriver 5020.1
com.apple.driver.IOBluetoothHIDDriver 9.0.0
com.apple.driver.AppleSEPHDCPManager 1.0.1
com.apple.driver.AppleTrustedAccessory 1
com.apple.iokit.AppleSEPGenericTransfer 1
com.apple.driver.DiskImages.KernelBacked 493.0.0
com.apple.driver.AppleXsanScheme 3
com.apple.driver.usb.networking 5.0.0
com.apple.driver.AppleThunderboltDPInAdapter 8.5.1
com.apple.driver.AppleThunderboltDPAdapterFamily 8.5.1
com.apple.driver.AppleThunderboltUSBDownAdapter 1.0.4
com.apple.driver.AppleThunderboltPCIDownAdapter 4.1.1
com.apple.nke.ppp 1.9
com.apple.driver.AppleBSDKextStarter 3
com.apple.filesystems.hfs.encodings.kext 1
com.apple.driver.AppleHIDTransportSPI5400.30
com.apple.driver.AppleHIDTransport 5400.30
com.apple.driver.AppleInputDeviceSupport 5400.30
com.apple.driver.AppleConvergedIPCOLYBTControl 1
com.apple.driver.AppleConvergedPCI 1
com.apple.driver.AppleBluetoothDebug 1
com.apple.driver.AppleBTM 1.0.1
com.apple.driver.AppleDCPDPTXProxy 1.0.0
com.apple.driver.DCPDPFamilyProxy 1
com.apple.driver.AppleDiagnosticDataAccessReadOnly 1.0.0
com.apple.driver.AppleCSEmbeddedAudio 520.5
com.apple.driver.ApplePassthroughPPM 3.0

com.apple.driver.AppleAOPAudio 102.2
com.apple.driver.AppleEmbeddedAudio520.5
com.apple.iokit.AppleARMISAudio100.1
com.apple.driver.AppleHPM 3.4.4
com.apple.driver.AppleSPU 1
com.apple.driver.AppleT6000TypeCPhy1
com.apple.driver.AppleT8103TypeCPhy 1
com.apple.driver.AppleUSBXDCIARM 1.0
com.apple.driver.AppleUSBXDCI 1.0
com.apple.iokit.IOUSBDeviceFamily 2.0.0
com.apple.driver.usb.AppleSynopsysUSBXHCI 1
com.apple.driver.usb.AppleUSBXHCI 1.2
com.apple.driver.AppleEmbeddedUSBHost 1
com.apple.driver.usb.AppleUSBHub 1.2
com.apple.driver.usb.AppleUSBHostCompositeDevice 1.2
com.apple.iokit.IONVMeFamily 2.1.0
com.apple.driver.AppleNANDConfigAccess 1.0.0
com.apple.driver.AppleStockholmControl 1.0.0
com.apple.driver.AppleDialogPMU 1.0.1
com.apple.driver.AppleSPMI 1.0.1
com.apple.driver.AppleSART 1
com.apple.driver.DCPAVFamilyProxy 1
com.apple.iokit.IOMobileGraphicsFamily-DCP 343.0.0
com.apple.driver.AppleDCP 1
com.apple.driver.AppleFirmwareKit 1
com.apple.iokit.IOMobileGraphicsFamily 343.0.0
com.apple.AGXFirmwareKextG13XRTBuddy 187.59
com.apple.AGXFirmwareKextRTBuddy64 187.59
com.apple.iokit.IOGPUFamily 35.11
com.apple.driver.usb.AppleUSBHostPacketFilter 1.0
com.apple.driver.ApplePMGR 1
com.apple.driver.AppleARMWatchdogTimer 1
com.apple.driver.AppleDisplayCrossbar 1.0.0
com.apple.iokit.IODisplayPortFamily 1.0.0
com.apple.driver.AppleTypeCPhy 1
com.apple.driver.AppleThunderboltNHI 7.2.8
com.apple.driver.AppleT6000PCleC 1
com.apple.iokit.IOThunderboltFamily 9.3.3
com.apple.driver.ApplePIODMA 1
com.apple.driver.AppleT600xPCle 1
com.apple.driver.AppleBluetoothDebugService 1
com.apple.driver.AppleBCMWWLANCore 1.0.0
com.apple.iokit.IO80211Family 1200.12.2b1
com.apple.driver.IOImageLoader 1.0.0

com.apple.driver.AppleOLYHAL 1
com.apple.driver.AppleMCA2-T600x 600.95
com.apple.driver.AppleEmbeddedAudioLibs 100.9.1
com.apple.driver.AppleFirmwareUpdateKext 1
com.apple.driver.AppleH13CameraInterface 4.87.0
com.apple.driver.AppleH10PearlCameraInterface 17.0.3
com.apple.driver.AppleGPIOICController 1.0.2
com.apple.driver.AppleFireStormErrorHandler 1
com.apple.driver.AppleMultiFunctionManager 1
com.apple.driver.corecapture 1.0.4
com.apple.driver.AppleEmbeddedPCIE 1
com.apple.driver.AppleMobileApNonce 1
com.apple.iokit.IOTimeSyncFamily 1000.11
com.apple.driver.DiskImages 493.0.0
com.apple.iokit.IOGraphicsFamily 593
com.apple.iokit.IOBluetoothSerialManager 9.0.0
com.apple.iokit.IOBluetoothHostControllerUSBTransport 9.0.0
com.apple.iokit.IOBluetoothHostControllerUARTTransport 9.0.0
com.apple.iokit.IOBluetoothHostControllerTransport 9.0.0
com.apple.driver.IOBluetoothHostControllerPCleTransport 9.0.0
com.apple.iokit.IOBluetoothFamily 9.0.0
com.apple.driver.FairPlayIOKit 68.13.1
com.apple.iokit.CSRBluetoothHostControllerUSBTransport 9.0.0
com.apple.iokit.BroadcomBluetoothHostControllerUSBTransport 9.0.0
com.apple.driver.AppleSSE 1.0
com.apple.driver.AppleSEPKeyStore 2
com.apple.driver.AppleUSBTDM 532.40.7
com.apple.iokit.IOUSBMassStorageDriver 209.40.6
com.apple.iokit.IOPCIFamily 2.9
com.apple.iokit.IOCSIBlockCommandsDevice 452.60.2
com.apple.iokit.IOCSIArchitectureModelFamily 452.60.2
com.apple.driver.AppleIPAppender 1.0
com.apple.driver.AppleFDEKeyStore 28.30
com.apple.driver.AppleEffaceableStorage 1.0
com.apple.driver.AppleCredentialManager 1.0
com.apple.driver.KernelRelayHost 1
com.apple.iokit.IOUSBHostFamily 1.2
com.apple.driver.AppleUSBHostMergeProperties 1.2
com.apple.driver.usb.AppleUSBCommon 1.0
com.apple.driver.AppleSMC 3.1.9
com.apple.driver.RTBuddy 1.0.0
com.apple.driver.AppleEmbeddedTempSensor 1.0.0
com.apple.driver.AppleARMPMU 1.0
com.apple.iokit.IOAccessoryManager 1.0.0

com.apple.driver.AppleOnboardSerial 1.0
com.apple.iokit.IOSkywalkFamily 1.0
com.apple.driver.mDNSOffloadUserClient 1.0.1b8
com.apple.iokit.IONetworkingFamily 3.4
com.apple.iokit.IOSerialFamily 11
com.apple.driver.AppleSEPManager 1.0.1
com.apple.driver.AppleA7IOP 1.0.2
com.apple.driver.IOSlaveProcessor 1
com.apple.driver.AppleBiometricSensor2
com.apple.iokit.IOHIDFamily 2.0.0
com.apple.iokit.CoreAnalyticsFamily 1
com.apple.driver.AppleANELoadBalancer 5.34.2
com.apple.driver.AppleH11ANESInterface 5.34.0
com.apple.AUC 1.0
com.apple.iokit.IOAVFamily 1.0.0
com.apple.iokit.IOHDCPFamily 1.0.0
com.apple.iokit.IOCECFamily 1
com.apple.iokit.IOAudio2Family 1.0
com.apple.driver.AppleIISController 100.1
com.apple.driver.AppleAudioClockLibs 100.9.1
com.apple.driver.AppleM2ScalerCSCDriver 265.0.0
com.apple.iokit.IOSurface 302.9
com.apple.driver.IODARTFamily 1
com.apple.security.quarantine 4
com.apple.security.sandbox 300.0
com.apple.kext.AppleMatch 1.0.0d1
com.apple.driver.AppleMobileFileIntegrity 1.0.5
com.apple.security.AppleImage4 4.2.0
com.apple.kext.CoreTrust 1
com.apple.iokit.IOCryptoAcceleratorFamily 1.0.1
com.apple.driver.AppleARMPlatform 1.0.2
com.apple.iokit.IOSTorageFamily 2.1
com.apple.iokit.IOSlowAdaptiveClockingFamily 1.0.0
com.apple.iokit.IOReportFamily 47
com.apple.kec.pthread 1
com.apple.kec.Libm 1
com.apple.kec.corecrypto 12.0

** Stackshot Succeeded ** Bytes Traced 371725 (Uncompressed 977136) **

1/25/22 - 14:20:

panic(cpu 5 caller 0xfffffe00217c79e0): [data.kalloc.16]: element modified after free (off:0, val:0x00000000000005447, sz:16, ptr:0xfffffe3000333b50)

0: 0x00000000000005447

Debugger message: panic

Memory ID: 0x1

OS release type: User

OS version: 21C52

Kernel version: Darwin Kernel Version 21.2.0: Sun Nov 28 20:28:41 PST 2021;

root:xnu-8019.61.5~1/RELEASE_ARM64_T6000

Fileset Kernelcache UUID: 88208EF24C07AA8B02CDA1369E036EBD

Kernel UUID: 2F4E22DC-64BE-3369-B574-0909F0571FA6

iBoot version: iBoot-7429.61.2

secure boot?: YES

Paniclog version: 13

KernelCache slide: 0x0000000019644000

KernelCache base: 0xfffffe0020648000

Kernel slide: 0x0000000019e70000

Kernel text base: 0xfffffe0020e74000

Kernel text exec slide: 0x0000000019f58000

Kernel text exec base: 0xfffffe0020f5c000

mach_absolute_time: 0x88bbf9c9d1

Epoch Time: sec usec

Boot : 0x61eef293 0x000af723

Sleep : 0x61f03bc4 0x000da433

Wake : 0x61f03c03 0x000405c1

Calendar: 0x61f04d2c 0x00047710

Zone info:

Foreign : 0xfffffe002a2fc000 - 0xfffffe002a310000

Native : 0xfffffe1000654000 - 0xfffffe3000654000

Readonly : 0xfffffe14cd320000 - 0xfffffe1666cb4000

Metadata : 0xfffffe6c60988000 - 0xfffffe6c6c8e4000

Bitmaps : 0xfffffe6c6c8e4000 - 0xfffffe6c782e4000

CORE 0 PVH locks held: None

CORE 1 PVH locks held: None

CORE 2 PVH locks held: None

CORE 3 PVH locks held: None

CORE 4 PVH locks held: None

CORE 5 PVH locks held: None

CORE 6 PVH locks held: None

CORE 7 PVH locks held: None

CORE 8 PVH locks held: None

CORE 9 PVH locks held: None

CORE 0: PC=0xfffffe0020fe2f18, LR=0xfffffe0020fe2f18, FP=0xfffffe601e60bef0
CORE 1: PC=0xfffffe0020fe2f18, LR=0xfffffe0020fe2f18, FP=0xfffffe60fed73ef0
CORE 2: PC=0x000000011400ead4, LR=0x000000011400ec28,
FP=0x000000016de32fe0
CORE 3: PC=0x0000000102cab19c, LR=0x0000000102caa828,
FP=0x000000016edc6a20
CORE 4: PC=0xfffffe0020fe2f1c, LR=0xfffffe0020fe2f18, FP=0xfffffe60e70abef0
CORE 5 is the one that panicked. Check the full backtrace for details.
CORE 6: PC=0xfffffe0020fe2f1c, LR=0xfffffe0020fe2f18, FP=0xfffffe60e70bbef0
CORE 7: PC=0xfffffe0020fe2f1c, LR=0xfffffe0020fe2f18, FP=0xfffffe601e3ebef0
CORE 8: PC=0xfffffe0020fe2f1c, LR=0xfffffe0020fe2f18, FP=0xfffffe60e6bc3ef0
CORE 9: PC=0xfffffe0020fe2f18, LR=0xfffffe0020fe2f18, FP=0xfffffe601dfabef0
Panicked task 0xfffffe24caf1da90: 48797 pages, 90 threads: pid 4018: firefox
Panicked thread: 0xfffffe24ce556180, backtrace: 0xfffffe601e07a1e0, tid: 117018

lr: 0xfffffe0020fae4e4 fp: 0xfffffe601e07a250
lr: 0xfffffe0020fae1b4 fp: 0xfffffe601e07a2c0
lr: 0xfffffe00210ee070 fp: 0xfffffe601e07a2e0
lr: 0xfffffe00210e047c fp: 0xfffffe601e07a360
lr: 0xfffffe00210ddecc fp: 0xfffffe601e07a420
lr: 0xfffffe0020f637f8 fp: 0xfffffe601e07a430
lr: 0xfffffe0020fade28 fp: 0xfffffe601e07a7d0
lr: 0xfffffe0020fade28 fp: 0xfffffe601e07a840
lr: 0xfffffe00217c3a90 fp: 0xfffffe601e07a860
lr: 0xfffffe00217c79e0 fp: 0xfffffe601e07ad10
lr: 0xfffffe00210176d0 fp: 0xfffffe601e07ad70
lr: 0xfffffe0020fbf67c fp: 0xfffffe601e07adb0
lr: 0xfffffe0021510a48 fp: 0xfffffe601e07ae30
lr: 0xfffffe00215120e4 fp: 0xfffffe601e07aed0
lr: 0xfffffe0021512964 fp: 0xfffffe601e07afc0
lr: 0xfffffe002185ba94 fp: 0xfffffe601e07aff0
lr: 0xfffffe002185905c fp: 0xfffffe601e07b060
lr: 0xfffffe002186f1f8 fp: 0xfffffe601e07b0c0
lr: 0xfffffe002182afc0 fp: 0xfffffe601e07b390
lr: 0xfffffe0021828c7c fp: 0xfffffe601e07b5e0
lr: 0xfffffe0022fd68c8 fp: 0xfffffe601e07b650
lr: 0xfffffe0022fd6fc4 fp: 0xfffffe601e07b720
lr: 0xfffffe0022fd8140 fp: 0xfffffe601e07b7e0
lr: 0xfffffe0022fd63a4 fp: 0xfffffe601e07b830
lr: 0xfffffe0022fd60ac fp: 0xfffffe601e07b870
lr: 0xfffffe0022fb6b40 fp: 0xfffffe601e07b8d0
lr: 0xfffffe00217257e8 fp: 0xfffffe601e07b930
lr: 0xfffffe0021731eb0 fp: 0xfffffe601e07bac0
lr: 0xfffffe00210ae898 fp: 0xfffffe601e07bbe0
lr: 0xfffffe0020fb4818 fp: 0xfffffe601e07bc80

lr: 0xfffffe0020f8b690 fp: 0xfffffe601e07bcf0
lr: 0xfffffe0020fa316c fp: 0xfffffe601e07bd80
lr: 0xfffffe00210d345c fp: 0xfffffe601e07be50
lr: 0xfffffe00210de304 fp: 0xfffffe601e07bf10
lr: 0xfffffe0020f637f8 fp: 0xfffffe601e07bf20

Kernel Extensions in backtrace:

com.apple.iokit.IOGPUFamily(35.11)[9D4C6320-707B-39C3-AD45-B1964332B8EC]@0xfffffe0022fb1e90->0xfffffe0022fe0423
dependency: com.apple.driver.AppleMobileFileIntegrity(1.0.5)
[865C4CEB-66D4-3093-81CF-FFF584FB7289]@0xfffffe002229d930->0xfffffe00222b85bf
dependency: com.apple.iokit.IOGraphicsFamily(593)
[BA7C7306-5CCB-31BD-8295-0256EC054570]@0xfffffe0022fe0440->0xfffffe0023017a77
dependency: com.apple.iokit.IOPCIFamily(2.9)[0DB7597E-CBBD-3834-8BB0-CDD4E98440EB]@0xfffffe002322c0c0->0xfffffe0023248903
dependency: com.apple.iokit.IOReportFamily(47)[34D7D91F-E485-3F2E-85CE-1023F8B66A8E]@0xfffffe0023248910->0xfffffe002324b95b
dependency: com.apple.iokit.IOSurface(302.9)
[1517231E-7174-32B9-8ECD-B1F576E85730]@0xfffffe0023325300->0xfffffe0023345557
com.apple.AGXC13X(187.59)[7F288FB7-C58A-3C40-A62A-10DDEEF1EA45]@0xfffffe002180a8b0->0xfffffe0021886823
dependency: com.apple.driver.AppleARMPlatform(1.0.2)[1C04FFC7-DD27-3161-A460-F936CDBDBA3E]@0xfffffe0021946df0->0xfffffe002198f58f
dependency: com.apple.driver.AppleMobileFileIntegrity(1.0.5)
[865C4CEB-66D4-3093-81CF-FFF584FB7289]@0xfffffe002229d930->0xfffffe00222b85bf
dependency: com.apple.driver.RTBuddy(1.0.0)[94051FB8-ACDF-3BAB-9EDC-575119EBAAB1]@0xfffffe00237f1610->0xfffffe002382979b
dependency: com.apple.iokit.CoreAnalyticsFamily(1)
[D3B5A5ED-0139-35D6-8BE7-6F6DA85C9EE5]@0xfffffe00228c9a30->0xfffffe00228cf8f3
dependency: com.apple.iokit.IOGPUFamily(35.11)[9D4C6320-707B-39C3-AD45-B1964332B8EC]@0xfffffe0022fb1e90->0xfffffe0022fe0423
dependency: com.apple.iokit.IOReportFamily(47)[34D7D91F-E485-3F2E-85CE-1023F8B66A8E]@0xfffffe0023248910->0xfffffe002324b95b
dependency: com.apple.iokit.IOSurface(302.9)
[1517231E-7174-32B9-8ECD-B1F576E85730]@0xfffffe0023325300->0xfffffe0023345557
dependency: com.apple.kec.Libm(1)[14E78439-0261-3302-AFB8-9655853E8D4A]@0xfffffe00237da980->0xfffffe00237de0af

last started kext at 241471254037: com.apple.driver.usb.IOUSBHostHIDDevice 1.2

(addr 0xfffffe0020d4e040, size 7473)

loaded kexts:

com.apple.UVCService 1
com.apple.filesystems.autofs 3.0
com.apple.fileutil 20.036.15
com.apple.driver.AppleTopCaseHIDEventDriver 5020.1
com.apple.driver.AppleBiometricServices 1
com.apple.driver.CoreKDL 1
com.apple.driver.DiskImages.ReadWriteDiskImage 493.0.0
com.apple.driver.DiskImages.UDIFDiskImage 493.0.0
com.apple.driver.DiskImages.RAMBackingStore 493.0.0
com.apple.driver.DiskImages.FileBackingStore 493.0.0
com.apple.driver.SEPHibernation 1
com.apple.filesystems.apfs 1933.61.1
com.apple.driver.BCMWLANFirmware4387.Hashstore 1
com.apple.driver.AppleUSBDeviceNCM 5.0.0
com.apple.driver.AppleThunderboltIP 4.0.3
com.apple.driver.AppleFileSystemDriver 3.0.1
com.apple.nke.I2tp 1.9
com.apple.filesystems.tmpfs 1
com.apple.filesystems.lifs 1
com.apple.IOTextEncryptionFamily1.0.0
com.apple.filesystems.hfs.kext 582.60.2
com.apple.security.BootPolicy 1
com.apple.BootCache 40
com.apple.AppleFSCompression.AppleFSCompressionTypeZlib 1.0.0
com.apple.AppleFSCompression.AppleFSCompressionTypeDataless 1.0.0d1
com.apple.driver.AppleCS42L84Audio 520.5
com.apple.driver.AppleSN012776Amp 520.5
com.apple.driver.ApplePMP 1
com.apple.AppleEmbeddedSimpleSPINORFlasher1
com.apple.driver.AppleSmartIO2 1
com.apple.driver.AppleT6000SOCTuner 1
com.apple.driver.AppleT6000CLPCv3 1
com.apple.driver.AppleSmartBatteryManager 161.0.0
com.apple.driver.AppleALSCColorSensor1.0.0d1
com.apple.driver.AppleAOPVoiceTrigger 100.1
com.apple.driver.AppleDPDisplayTCON 1
com.apple.driver.ApplePMPFirmware 1
com.apple.driver.usb.AppleSynopsysUSB40XHCI 1
com.apple.driver.AppleSPMIPMU 1.0.1
com.apple.driver.AppleAVD 416
com.apple.driver.AppleMCDP29XXUpdateSupport 1
com.apple.AGXG13X 187.59

com.apple.driver.AppleAVE2 520.21.1
com.apple.driver.AppleProResHW 126.2.0
com.apple.driver.AppleJPEGDriver 4.7.9
com.apple.driver.AppleSDXC 3.1.1
com.apple.driver.AppleSamsungSerial 1.0.0d1
com.apple.driver.AppleSerialShim 1
com.apple.driver.AppleMobileDispT600X-DCP 140.0
com.apple.driver.AppleM68Buttons 1.0.0d1
com.apple.driver.AppleT6001PMGR 1
com.apple.driver.AppleEventLogHandler 1
com.apple.driver.AppleS5L8960XNCO 1
com.apple.driver.AppleS8000AES 1
com.apple.driver.AppleS8000DWI 1.0.0d1
com.apple.driver.AppleInterruptControllerV2 1.0.0d1
com.apple.driver.AppleT8110DART 1
com.apple.driver.AppleBluetoothModule 1
com.apple.driver.AppleBCM WLANBusInterfacePCle 1
com.apple.driver.AppleS5L8920XPWM 1.0.0d1
com.apple.driver.AudioDMAController-T600x 100.51
com.apple.driver.AppleT6000DART 1
com.apple.driver.AppleSPIMC1
com.apple.driver.AppleS5L8940XI2C 1.0.0d2
com.apple.driver.AppleT60001
com.apple.iokit.IOUserEthernet 1.0.1
com.apple.driver.usb.AppleUSBUserHCI 1
com.apple.iokit.IOKitRegistryCompatibility 1
com.apple.iokit.EndpointSecurity 1
com.apple.driver.AppleDiskImages2 126.60.3
com.apple.AppleSystemPolicy 2.0.0
com.apple.nke.applicationfirewall 402
com.apple.kec.InvalidateHmac 1
com.apple.kec.AppleEncryptedArchive 1
com.apple.driver.usb.IOUSBHostHIDDevice 1.2
com.apple.driver.usb.cdc.ecm 5.0.0
com.apple.driver.usb.cdc.acm 5.0.0
com.apple.driver.usb.serial 6.0.0
com.apple.driver.usb.cdc.ncm 5.0.0
com.apple.driver.usb.cdc 5.0.0
com.apple.driver.AppleUSBAudio 413.5
com.apple.iokit.IOAudioFamily 300.10
com.apple.vecLib.kext 1.2.0
com.apple.driver.driverkit.serial 6.0.0
com.apple.driver.AppleBluetoothHIDKeyboard 228
com.apple.kext.triggers 1.0

com.apple.iokit.IOAVBFamily 1010.2
com.apple.plugin.IOGPTPlugin 1000.11
com.apple.iokit.IOEthernetAVBController 1.1.0
com.apple.driver.AppleActuatorDriver 5430.1
com.apple.driver.AppleHIDKeyboard 228
com.apple.driver.AppleMultitouchDriver 5430.1
com.apple.driver.AppleHSBluetoothDriver 5020.1
com.apple.driver.IOBluetoothHIDDriver 9.0.0
com.apple.driver.AppleMesaSEPDriver 100.99
com.apple.iokit.IOBiometricFamily 1
com.apple.driver.DiskImages.KernelBacked 493.0.0
com.apple.driver.AppleTrustedAccessory 1
com.apple.iokit.AppleSEPGenericTransfer 1
com.apple.driver.AppleSEPHDCPManager 1.0.1
com.apple.driver.AppleXsanScheme 3
com.apple.driver.usb.networking 5.0.0
com.apple.driver.AppleThunderboltUSBDownAdapter 1.0.4
com.apple.driver.AppleThunderboltPCIDownAdapter 4.1.1
com.apple.driver.AppleThunderboltDPIInAdapter 8.5.1
com.apple.driver.AppleThunderboltDPAdapterFamily 8.5.1
com.apple.nke.ppp 1.9
com.apple.driver.AppleConvergedIPCOLYBTControl 1
com.apple.driver.AppleConvergedPCI 1
com.apple.driver.AppleBluetoothDebug 1
com.apple.driver.AppleHIDTransportSPI5400.30
com.apple.driver.AppleHIDTransport 5400.30
com.apple.driver.AppleInputDeviceSupport 5400.30
com.apple.driver.AppleBSDKextStarter 3
com.apple.filesystems.hfs.encodings.kext 1
com.apple.driver.AppleBTM 1.0.1
com.apple.driver.AppleCSEmbeddedAudio 520.5
com.apple.driver.AppleDiagnosticDataAccessReadOnly 1.0.0
com.apple.driver.AppleDCPDPTXProxy 1.0.0
com.apple.driver.DCPDPFamilyProxy 1
com.apple.driver.ApplePassthroughPPM 3.0
com.apple.driver.AppleAOPAudio 102.2
com.apple.driver.AppleEmbeddedAudio520.5
com.apple.iokit.AppleARMIIISAudio100.1
com.apple.driver.AppleUSBXDCIARM 1.0
com.apple.driver.AppleUSBXDCI 1.0
com.apple.iokit.IOUSBDeviceFamily 2.0.0
com.apple.driver.usb.AppleSynopsysUSBXHCI 1
com.apple.driver.usb.AppleUSBXHCI 1.2
com.apple.driver.AppleEmbeddedUSBHost 1

com.apple.driver.usb.AppleUSBHub 1.2
com.apple.driver.usb.AppleUSBHostCompositeDevice 1.2
com.apple.driver.AppleStockholmControl 1.0.0
com.apple.driver.AppleSPU 1
com.apple.driver.AppleDialogPMU 1.0.1
com.apple.driver.AppleSPMI 1.0.1
com.apple.iokit.IONVMeFamily 2.1.0
com.apple.driver.AppleNANDConfigAccess 1.0.0
com.apple.driver.AppleHPM 3.4.4
com.apple.AGXFirmwareKextG13XRTBuddy 187.59
com.apple.AGXFirmwareKextRTBuddy64 187.59
com.apple.iokit.IOGPUFamily 35.11
com.apple.driver.DCPAVFamilyProxy 1
com.apple.iokit.IOMobileGraphicsFamily-DCP 343.0.0
com.apple.iokit.IOMobileGraphicsFamily 343.0.0
com.apple.driver.AppleSART 1
com.apple.driver.AppleT6000TypeCPhy1
com.apple.driver.AppleT8103TypeCPhy1
com.apple.driver.AppleDCP 1
com.apple.driver.AppleFirmwareKit 1
com.apple.driver.ApplePMGR 1
com.apple.driver.usb.AppleUSBHostPacketFilter 1.0
com.apple.driver.AppleARMWatchdogTimer 1
com.apple.driver.AppleDisplayCrossbar 1.0.0
com.apple.iokit.IODisplayPortFamily 1.0.0
com.apple.driver.AppleTypeCPhy 1
com.apple.driver.AppleThunderboltNHI 7.2.8
com.apple.driver.AppleT6000PCleC 1
com.apple.iokit.IOThunderboltFamily 9.3.3
com.apple.driver.ApplePIODMA 1
com.apple.driver.AppleT600xPCle 1
com.apple.driver.AppleMultiFunctionManager 1
com.apple.driver.AppleBluetoothDebugService 1
com.apple.driver.AppleBCMWLANCore 1.0.0
com.apple.iokit.IO80211Family 1200.12.2b1
com.apple.driver.IOImageLoader 1.0.0
com.apple.driver.AppleOLYHAL 1
com.apple.driver.corecapture 1.0.4
com.apple.driver.AppleEmbeddedPCIE 1
com.apple.driver.AppleMCA2-T600x 600.95
com.apple.driver.AppleEmbeddedAudioLibs 100.9.1
com.apple.driver.AppleFirmwareUpdateKext 1
com.apple.driver.AppleH13CameraInterface 4.87.0
com.apple.driver.AppleH10PearlCameraInterface 17.0.3

com.apple.driver.AppleGPIOICController 1.0.2
com.apple.driver.AppleFireStormErrorHandler 1
com.apple.driver.AppleMobileApNonce 1
com.apple.iokit.IOTimeSyncFamily 1000.11
com.apple.driver.DiskImages 493.0.0
com.apple.iokit.IOGraphicsFamily 593
com.apple.iokit.IOBluetoothSerialManager 9.0.0
com.apple.iokit.IOBluetoothHostControllerUSBTransport 9.0.0
com.apple.iokit.IOBluetoothHostControllerUARTTransport 9.0.0
com.apple.iokit.IOBluetoothHostControllerTransport 9.0.0
com.apple.driver.IOBluetoothHostControllerPCleTransport 9.0.0
com.apple.iokit.IOBluetoothFamily 9.0.0
com.apple.driver.FairPlayIOKit 68.13.1
com.apple.iokit.CSRBluetoothHostControllerUSBTransport 9.0.0
com.apple.iokit.BroadcomBluetoothHostControllerUSBTransport9.0.0
com.apple.driver.AppleSSE 1.0
com.apple.driver.AppleSEPKeyStore 2
com.apple.driver.AppleUSBTDM 532.40.7
com.apple.iokit.IOUSBMassStorageDriver 209.40.6
com.apple.iokit.IOPCIFamily 2.9
com.apple.iokit.IOSCSIBlockCommandsDevice 452.60.2
com.apple.iokit.IOSCSIArchitectureModelFamily 452.60.2
com.apple.driver.AppleIPAppender 1.0
com.apple.driver.AppleFDEKeyStore 28.30
com.apple.driver.AppleEffaceableStorage 1.0
com.apple.driver.AppleCredentialManager 1.0
com.apple.driver.KernelRelayHost 1
com.apple.iokit.IOUSBHostFamily 1.2
com.apple.driver.AppleUSBHostMergeProperties 1.2
com.apple.driver.usb.AppleUSBCommon 1.0
com.apple.driver.AppleSMC 3.1.9
com.apple.driver.RTBuddy 1.0.0
com.apple.driver.AppleEmbeddedTempSensor 1.0.0
com.apple.driver.AppleARMPMU 1.0
com.apple.iokit.IOAccessoryManager 1.0.0
com.apple.driver.AppleOnboardSerial 1.0
com.apple.iokit.IOSkywalkFamily 1.0
com.apple.driver.mDNSSoffloadUserClient 1.0.1b8
com.apple.iokit.IONetworkingFamily 3.4
com.apple.iokit.IOSerialFamily 11
com.apple.driver.AppleSEPManager 1.0.1
com.apple.driver.AppleA7IOP 1.0.2
com.apple.driver.IOSlaveProcessor 1
com.apple.driver.AppleBiometricSensor2

com.apple.iokit.IOHIDFamily 2.0.0
com.apple.iokit.CoreAnalyticsFamily 1
com.apple.driver.AppleANELoadBalancer 5.34.2
com.apple.driver.AppleH11ANInterface 5.34.0
com.apple.AUC 1.0
com.apple.iokit.IOAVFamily 1.0.0
com.apple.iokit.IOHDCPFamily 1.0.0
com.apple.iokit.IOCECFamily 1
com.apple.iokit.IOAudio2Family 1.0
com.apple.driver.AppleIISController 100.1
com.apple.driver.AppleAudioClockLibs 100.9.1
com.apple.driver.AppleM2ScalerCSCDriver 265.0.0
com.apple.iokit.IOSurface 302.9
com.apple.driver.IODARTFamily 1
com.apple.security.quarantine 4
com.apple.security.sandbox 300.0
com.apple.kext.AppleMatch 1.0.0d1
com.apple.driver.AppleMobileFileIntegrity 1.0.5
com.apple.security.AppleImage4 4.2.0
com.apple.kext.CoreTrust 1
com.apple.iokit.IOCryptoAcceleratorFamily 1.0.1
com.apple.driver.AppleARMPlatform 1.0.2
com.apple.iokit.IOSTorageFamily 2.1
com.apple.iokit.IOSlowAdaptiveClockingFamily 1.0.0
com.apple.iokit.IOReportFamily 47
com.apple.kec.pthread 1
com.apple.kec.Libm 1
com.apple.kec.corecrypto 12.0

**** Stackshot Succeeded ** Bytes Traced 440616 (Uncompressed 1143984) ****

RESTART 6: 1/25/22 - 17:10:

panic(cpu 6 caller 0xfffffe001cd739e0): [data.kalloc.16]: element modified after free (off:0, val:0x00000000000005447, sz:16, ptr:0xfffffe299a27b650)

0: 0x00000000000005447

Debugger message: panic

Memory ID: 0x1

OS release type: User

OS version: 21C52

Kernel version: Darwin Kernel Version 21.2.0: Sun Nov 28 20:28:41 PST 2021;

root:xnu-8019.61.5~1/RELEASE_ARM64_T6000

Fileset Kernelcache UUID: 88208EF24C07AA8B02CDA1369E036EBD

Kernel UUID: 2F4E22DC-64BE-3369-B574-0909F0571FA6

iBoot version: iBoot-7429.61.2

secure boot?: YES

Paniclog version: 13

KernelCache slide: 0x0000000014bf0000

KernelCache base: 0xfffffe001bbf4000

Kernel slide: 0x000000001541c000

Kernel text base: 0xfffffe001c420000

Kernel text exec slide: 0x0000000015504000

Kernel text exec base: 0xfffffe001c508000

mach_absolute_time: 0x366694caf3

Epoch Time: sec usec

 Boot : 0x61f04d50 0x00028bb5

 Sleep : 0x61f07490 0x000290c4

 Wake : 0x61f074ba 0x0000fbd4

 Calendar: 0x61f074fc 0x00011ca2

Zone info:

Foreign : 0xfffffe00242fc000 - 0xfffffe0024310000

Native : 0xfffffe1000650000 - 0xfffffe3000650000

Readonly : 0xfffffe14cd31c000 - 0xfffffe1666cb0000

Metadata : 0xfffffe8017310000 - 0xfffffe8023284000

Bitmaps : 0xfffffe8023284000 - 0xfffffe802ec94000

CORE 0 PVH locks held: None

CORE 1 PVH locks held: None

CORE 2 PVH locks held: None

CORE 3 PVH locks held: None

CORE 4 PVH locks held: None

CORE 5 PVH locks held: None

CORE 6 PVH locks held: None

CORE 7 PVH locks held: None

CORE 8 PVH locks held: None

CORE 9 PVH locks held: None

CORE 0: PC=0xfffffe001c6341c8, LR=0xfffffe001ccaa52c, FP=0xfffffe60fdea3d10

CORE 1: PC=0xfffffe001e568e78, LR=0xfffffe001e570560,
FP=0xfffffe60fe043db0

CORE 2: PC=0xfffffe001c58ef1c, LR=0xfffffe001c58ef18, FP=0xfffffe60e6033ef0

CORE 3: PC=0x000000011fc2e8c8, LR=0x000000011fbf4c38,
FP=0x00000002028a26e0

CORE 4: PC=0xfffffe001c58ef1c, LR=0xfffffe001c58ef18, FP=0xfffffe60fee2bef0

CORE 5: PC=0xfffffe001c58ef18, LR=0xfffffe001c58ef18, FP=0xfffffe601939bef0

CORE 6 is the one that panicked. Check the full backtrace for details.

CORE 7: PC=0xfffffe001c58ef1c, LR=0xfffffe001c58ef18, FP=0xfffffe60bb39bef0

CORE 8: PC=0xfffffe001c58ef1c, LR=0xfffffe001c58ef18, FP=0xfffffe606e483ef0
CORE 9: PC=0xfffffe001c58ef18, LR=0xfffffe001c58ef18, FP=0xfffffe60fdfe3ef0
Panicked task 0xfffffe1ffea640b0: 23025 pages, 13 threads: pid 968: Discord
Helper (

Panicked thread: 0xfffffe24caf531c0, backtrace: 0xfffffe601e13a1e0, tid: 12839

lr: 0xfffffe001c55a4e4 fp: 0xfffffe601e13a250
lr: 0xfffffe001c55a1b4 fp: 0xfffffe601e13a2c0
lr: 0xfffffe001c69a070 fp: 0xfffffe601e13a2e0
lr: 0xfffffe001c68c47c fp: 0xfffffe601e13a360
lr: 0xfffffe001c689ecc fp: 0xfffffe601e13a420
lr: 0xfffffe001c50f7f8 fp: 0xfffffe601e13a430
lr: 0xfffffe001c559e28 fp: 0xfffffe601e13a7d0
lr: 0xfffffe001c559e28 fp: 0xfffffe601e13a840
lr: 0xfffffe001cd6fa90 fp: 0xfffffe601e13a860
lr: 0xfffffe001cd739e0 fp: 0xfffffe601e13ad10
lr: 0xfffffe001c5c36d0 fp: 0xfffffe601e13ad70
lr: 0xfffffe001c56b67c fp: 0xfffffe601e13adb0
lr: 0xfffffe001cabca48 fp: 0xfffffe601e13ae30
lr: 0xfffffe001cabe0e4 fp: 0xfffffe601e13aed0
lr: 0xfffffe001cabe964 fp: 0xfffffe601e13afc0
lr: 0xfffffe001ce07a94 fp: 0xfffffe601e13aff0
lr: 0xfffffe001ce0505c fp: 0xfffffe601e13b060
lr: 0xfffffe001ce1b1f8 fp: 0xfffffe601e13b0c0
lr: 0xfffffe001cdd6fc0 fp: 0xfffffe601e13b390
lr: 0xfffffe001cdd4c7c fp: 0xfffffe601e13b5e0
lr: 0xfffffe001e5828c8 fp: 0xfffffe601e13b650
lr: 0xfffffe001e582fc4 fp: 0xfffffe601e13b720
lr: 0xfffffe001e584140 fp: 0xfffffe601e13b7e0
lr: 0xfffffe001e5823a4 fp: 0xfffffe601e13b830
lr: 0xfffffe001e5820ac fp: 0xfffffe601e13b870
lr: 0xfffffe001e562b40 fp: 0xfffffe601e13b8d0
lr: 0xfffffe001ccd17e8 fp: 0xfffffe601e13b930
lr: 0xfffffe001ccddeb0 fp: 0xfffffe601e13bac0
lr: 0xfffffe001c65a898 fp: 0xfffffe601e13bbe0
lr: 0xfffffe001c560818 fp: 0xfffffe601e13bc80
lr: 0xfffffe001c537690 fp: 0xfffffe601e13bcf0
lr: 0xfffffe001c54f16c fp: 0xfffffe601e13bd80
lr: 0xfffffe001c67f45c fp: 0xfffffe601e13be50
lr: 0xfffffe001c68a304 fp: 0xfffffe601e13bf10
lr: 0xfffffe001c50f7f8 fp: 0xfffffe601e13bf20

Kernel Extensions in backtrace:

com.apple.iokit.IOGPUFamily(35.11)[9D4C6320-707B-39C3-AD45-B1964332B8EC]@0xfffffe001e55de90->0xfffffe001e58c423
dependency: com.apple.driver.AppleMobileFileIntegrity(1.0.5)

[865C4CEB-66D4-3093-81CF-FFF584FB7289]@0xfffffe001d849930->0xfffffe001d8645bf
 dependency: com.apple.iokit.IOGraphicsFamily(593)
[BA7C7306-5CCB-31BD-8295-0256EC054570]@0xfffffe001e58c440->0xfffffe001e5c3a77
 dependency: com.apple.iokit.IOPCIFamily(2.9)[0DB7597E-CBBD-3834-8BB0-CDD4E98440EB]@0xfffffe001e7d80c0->0xfffffe001e7f4903
 dependency: com.apple.iokit.IOReportFamily(47)[34D7D91F-E485-3F2E-85CE-1023F8B66A8E]@0xfffffe001e7f4910->0xfffffe001e7f795b
 dependency: com.apple.iokit.IOSurface(302.9)
[1517231E-7174-32B9-8ECD-B1F576E85730]@0xfffffe001e8d1300->0xfffffe001e8f1557
 com.apple.AGXG13X(187.59)[7F288FB7-C58A-3C40-A62A-10DDEEF1EA45]@0xfffffe001cdb68b0->0xfffffe001ce32823
 dependency: com.apple.driver.AppleARMPlatform(1.0.2)[1C04FFC7-DD27-3161-A460-F936CDBDBA3E]@0xfffffe001cef2df0->0xfffffe001cf3b58f
 dependency: com.apple.driver.AppleMobileFileIntegrity(1.0.5)
[865C4CEB-66D4-3093-81CF-FFF584FB7289]@0xfffffe001d849930->0xfffffe001d8645bf
 dependency: com.apple.driver.RTBuddy(1.0.0)[94051FB8-ACDF-3BAB-9EDC-575119EBAAB1]@0xfffffe001ed9d610->0xfffffe001edd579b
 dependency: com.apple.iokit.CoreAnalyticsFamily(1)
[D3B5A5ED-0139-35D6-8BE7-6F6DA85C9EE5]@0xfffffe001de75a30->0xfffffe001de7b8f3
 dependency: com.apple.iokit.IOGPUFamily(35.11)[9D4C6320-707B-39C3-AD45-B1964332B8EC]@0xfffffe001e55de90->0xfffffe001e58c423
 dependency: com.apple.iokit.IOReportFamily(47)[34D7D91F-E485-3F2E-85CE-1023F8B66A8E]@0xfffffe001e7f4910->0xfffffe001e7f795b
 dependency: com.apple.iokit.IOSurface(302.9)
[1517231E-7174-32B9-8ECD-B1F576E85730]@0xfffffe001e8d1300->0xfffffe001e8f1557
 dependency: com.apple.kec.Libm(1)[14E78439-0261-3302-AFB8-9655853E8D4A]@0xfffffe001ed86980->0xfffffe001ed8a0af

last started kext at 232120661992: com.apple.driver.AppleBluetoothHIDKeyboard
 228 (addr 0xfffffe001be78b80, size 1756)

loaded kexts:

com.apple.UVCService 1
com.apple.fileutil 20.036.15
com.apple.filesystems.autofs 3.0
com.apple.driver.AppleTopCaseHIDEventDriver 5020.1
com.apple.driver.AppleBiometricServices 1
com.apple.driver.CoreKDL 1
com.apple.driver.DiskImages.ReadWriteDiskImage 493.0.0

com.apple.driver.DiskImages.UDIFDiskImage 493.0.0
com.apple.driver.DiskImages.RAMBackingStore 493.0.0
com.apple.driver.DiskImages.FileBackingStore 493.0.0
com.apple.filesystems.apfs 1933.61.1
com.apple.driver.SEPHibernation 1
com.apple.driver.BCMWLANFirmware4387.Hashstore 1
com.apple.driver.AppleUSBDeviceNCM 5.0.0
com.apple.driver.AppleThunderboltIP 4.0.3
com.apple.driver.AppleFileSystemDriver 3.0.1
com.apple.nke.l2tp 1.9
com.apple.filesystems.tmpfs 1
com.apple.filesystems.lifs 1
com.apple.IOTextEncryptionFamily1.0.0
com.apple.filesystems.hfs.kext 582.60.2
com.apple.security.BootPolicy 1
com.apple.BootCache 40
com.apple.AppleFSCompression.AppleFSCompressionTypeZlib 1.0.0
com.apple.AppleFSCompression.AppleFSCompressionTypeDataless 1.0.0d1
com.apple.AppleEmbeddedSimpleSPINORFlasher1
com.apple.driver.ApplePMP 1
com.apple.driver.AppleSmartIO2 1
com.apple.driver.AppleCS42L84Audio 520.5
com.apple.driver.AppleSN012776Amp 520.5
com.apple.driver.AppleT6000SOCTuner 1
com.apple.driver.AppleT6000CLPCv3 1
com.apple.driver.AppleSmartBatteryManager 161.0.0
com.apple.driver.AppleALSCColorSensor 1.0.0d1
com.apple.driver.AppleAOPVoiceTrigger 100.1
com.apple.driver.AppleDPDisplayTCON 1
com.apple.driver.ApplePMPFirmware 1
com.apple.driver.usb.AppleSynopsysUSB40XHCI 1
com.apple.driver.AppleSPMIPMU 1.0.1
com.apple.driver.AppleAVD 416
com.apple.driver.AppleMCDP29XXUpdateSupport 1
com.apple.AGXG13X 187.59
com.apple.driver.AppleAVE2 520.21.1
com.apple.driver.AppleProResHW 126.2.0
com.apple.driver.AppleJPEGDriver 4.7.9
com.apple.driver.AppleSDXC 3.1.1
com.apple.driver.AppleSamsungSerial 1.0.0d1
com.apple.driver.AppleSerialShim 1
com.apple.driver.AppleMobileDispT600X-DCP 140.0
com.apple.driver.AppleM68Buttons 1.0.0d1
com.apple.driver.AppleT6001PMGR 1

com.apple.driver.AppleEventLogHandler 1
com.apple.driver.AppleS5L8960XNCO 1
com.apple.driver.AppleS8000AES 1
com.apple.driver.AppleS8000DWI 1.0.0d1
com.apple.driver.AppleInterruptControllerV2 1.0.0d1
com.apple.driver.AppleT8110DART 1
com.apple.driver.AppleBluetoothModule 1
com.apple.driver.AppleBCM WLANBusInterfacePCle 1
com.apple.driver.AppleS5L8920XPWM 1.0.0d1
com.apple.driver.AudioDMAController-T600x 100.51
com.apple.driver.AppleT6000DART 1
com.apple.driver.AppleSPIMC1
com.apple.driver.AppleS5L8940XI2C 1.0.0d2
com.apple.driver.AppleT6000 1
com.apple.iokit.IOUserEthernet 1.0.1
com.apple.driver.usb.AppleUSBUserHCI 1
com.apple.iokit.IOKitRegistryCompatibility 1
com.apple.iokit.EndpointSecurity 1
com.apple.driver.AppleDiskImages2 126.60.3
com.apple.AppleSystemPolicy 2.0.0
com.apple.nke.applicationfirewall 402
com.apple.kec.InvalidateHmac 1
com.apple.kec.AppleEncryptedArchive 1
com.apple.driver.AppleBluetoothHIDKeyboard 228
com.apple.driver.usb.IOUSBHostHIDDevice 1.2
com.apple.driver.usb.cdc 5.0.0
com.apple.driver.AppleUSBAudio 413.5
com.apple.iokit.IOAudioFamily 300.10
com.apple.vecLib.kext 1.2.0
com.apple.driver.driverkit.serial 6.0.0
com.apple.kext.triggers 1.0
com.apple.iokit.IOAVBFamily 1010.2
com.apple.plugin.IOGPTPlugin 1000.11
com.apple.iokit.IOEthernetAVBController 1.1.0
com.apple.driver.AppleActuatorDriver 5430.1
com.apple.driver.AppleHIDKeyboard 228
com.apple.driver.AppleMultitouchDriver 5430.1
com.apple.driver.AppleHSBluetoothDriver 5020.1
com.apple.driver.IOBluetoothHIDDriver 9.0.0
com.apple.driver.AppleMesaSEPDriver 100.99
com.apple.iokit.IOBiometricFamily 1
com.apple.driver.DiskImages.KernelBacked 493.0.0
com.apple.driver.AppleXsanScheme 3
com.apple.driver.AppleSEPHDCPManager 1.0.1

com.apple.driver.AppleTrustedAccessory 1
com.apple.iokit.AppleSEPGenericTransfer 1
com.apple.driver.usb.networking 5.0.0
com.apple.driver.AppleThunderboltUSBDownAdapter 1.0.4
com.apple.driver.AppleThunderboltPCIDownAdapter 4.1.1
com.apple.driver.AppleThunderboltDPInAdapter 8.5.1
com.apple.driver.AppleThunderboltDPAdapterFamily 8.5.1
com.apple.nke.ppp 1.9
com.apple.driver.AppleBSDKextStarter 3
com.apple.driver.AppleBTM 1.0.1
com.apple.driver.AppleConvergedIPCOLYBTCControl 1
com.apple.driver.AppleConvergedPCI 1
com.apple.driver.AppleBluetoothDebug 1
com.apple.filesystems.hfs.encodings.kext 1
com.apple.driver.AppleHIDTransportSPI5400.30
com.apple.driver.AppleHIDTransport 5400.30
com.apple.driver.AppleInputDeviceSupport 5400.30
com.apple.driver.AppleDiagnosticDataAccessReadOnly 1.0.0
com.apple.driver.AppleDCPDPTXProxy 1.0.0
com.apple.driver.DCPDPFamilyProxy 1
com.apple.driver.AppleCSEmbeddedAudio 520.5
com.apple.driver.ApplePassthroughPPM 3.0
com.apple.driver.AppleAOPAudio 102.2
com.apple.driver.AppleEmbeddedAudio520.5
com.apple.iokit.AppleARMIIISAudio100.1
com.apple.driver.AppleUSBXDCIARM 1.0
com.apple.driver.AppleUSBXDCI 1.0
com.apple.iokit.IOUSBDeviceFamily 2.0.0
com.apple.driver.usb.AppleSynopsysUSBXHCI 1
com.apple.driver.usb.AppleUSBXHCI 1.2
com.apple.driver.AppleEmbeddedUSBHost 1
com.apple.driver.usb.AppleUSBHub 1.2
com.apple.driver.usb.AppleUSBHostCompositeDevice 1.2
com.apple.driver.AppleStockholmControl 1.0.0
com.apple.driver.AppleSPU 1
com.apple.driver.AppleDialogPMU 1.0.1
com.apple.driver.AppleSPMI 1.0.1
com.apple.iokit.IONVMeFamily 2.1.0
com.apple.driver.AppleNANDConfigAccess 1.0.0
com.apple.driver.AppleHPM 3.4.4
com.apple.AGXFirmwareKextG13XRTBuddy 187.59
com.apple.AGXFirmwareKextRTBuddy64 187.59
com.apple.iokit.IOGPUFamily 35.11
com.apple.driver.DCPAVFamilyProxy 1

com.apple.iokit.IOMobileGraphicsFamily-DCP 343.0.0
com.apple.iokit.IOMobileGraphicsFamily 343.0.0
com.apple.driver.AppleSART 1
com.apple.driver.AppleT6000TypeCPhy1
com.apple.driver.AppleT8103TypeCPhy1
com.apple.driver.AppleDCP 1
com.apple.driver.AppleFirmwareKit 1
com.apple.driver.ApplePMGR 1
com.apple.driver.usb.AppleUSBHostPacketFilter 1.0
com.apple.driver.AppleARMWatchdogTimer 1
com.apple.driver.AppleDisplayCrossbar 1.0.0
com.apple.iokit.IODisplayPortFamily 1.0.0
com.apple.driver.AppleTypeCPhy 1
com.apple.driver.AppleThunderboltNHI 7.2.8
com.apple.driver.AppleT6000PCleC 1
com.apple.iokit.IOThunderboltFamily 9.3.3
com.apple.driver.ApplePIODMA 1
com.apple.driver.AppleT600xPCle 1
com.apple.driver.AppleMultiFunctionManager 1
com.apple.driver.AppleBluetoothDebugService 1
com.apple.driver.AppleBCMWWLANCore 1.0.0
com.apple.iokit.IO80211Family 1200.12.2b1
com.apple.driver.IOImageLoader 1.0.0
com.apple.driver.AppleOLYHAL 1
com.apple.driver.corecapture 1.0.4
com.apple.driver.AppleEmbeddedPCIE 1
com.apple.driver.AppleMCA2-T600x 600.95
com.apple.driver.AppleEmbeddedAudioLibs 100.9.1
com.apple.driver.AppleFirmwareUpdateKext 1
com.apple.driver.AppleH13CameraInterface 4.87.0
com.apple.driver.AppleH10PearlCameraInterface 17.0.3
com.apple.driver.AppleGPIOICController 1.0.2
com.apple.driver.AppleFireStormErrorHandler 1
com.apple.driver.AppleMobileApNonce 1
com.apple.iokit.IOTimeSyncFamily 1000.11
com.apple.driver.DiskImages 493.0.0
com.apple.iokit.IOGraphicsFamily 593
com.apple.iokit.IOBluetoothSerialManager 9.0.0
com.apple.iokit.IOBluetoothHostControllerUSBTransport 9.0.0
com.apple.iokit.IOBluetoothHostControllerUARTTransport 9.0.0
com.apple.iokit.IOBluetoothHostControllerTransport 9.0.0
com.apple.driver.IOBluetoothHostControllerPCleTransport 9.0.0
com.apple.iokit.IOBluetoothFamily 9.0.0
com.apple.driver.FairPlayIOKit 68.13.1

com.apple.iokit.CSRBluetoothHostControllerUSBTransport 9.0.0
com.apple.iokit.BroadcomBluetoothHostControllerUSBTransport9.0.0
com.apple.driver.AppleSSE 1.0
com.apple.driver.AppleSEPKeyStore 2
com.apple.driver.AppleUSBTDM 532.40.7
com.apple.iokit.IOUSBMassStorageDriver 209.40.6
com.apple.iokit.IOPCIFamily 2.9
com.apple.iokit.IOSCSIBlockCommandsDevice 452.60.2
com.apple.iokit.IOSCSIArchitectureModelFamily 452.60.2
com.apple.driver.AppleIPAppender 1.0
com.apple.driver.AppleFDEKeyStore 28.30
com.apple.driver.AppleEffaceableStorage 1.0
com.apple.driver.AppleCredentialManager 1.0
com.apple.driver.KernelRelayHost 1
com.apple.iokit.IOUSBHostFamily 1.2
com.apple.driver.AppleUSBHostMergeProperties 1.2
com.apple.driver.usb.AppleUSBCommon 1.0
com.apple.driver.AppleSMC 3.1.9
com.apple.driver.RTBuddy 1.0.0
com.apple.driver.AppleEmbeddedTempSensor 1.0.0
com.apple.driver.AppleARMPMU 1.0
com.apple.iokit.IOAccessoryManager 1.0.0
com.apple.driver.AppleOnboardSerial 1.0
com.apple.iokit.IOSkywalkFamily 1.0
com.apple.driver.mDNSSoffloadUserClient 1.0.1b8
com.apple.iokit.IONetworkingFamily 3.4
com.apple.iokit.IOSerialFamily 11
com.apple.driver.AppleSEPManager 1.0.1
com.apple.driver.AppleA7IOP 1.0.2
com.apple.driver.IOSlaveProcessor 1
com.apple.driver.AppleBiometricSensor2
com.apple.iokit.IOHIDFamily 2.0.0
com.apple.iokit.CoreAnalyticsFamily 1
com.apple.driver.AppleANELoadBalancer 5.34.2
com.apple.driver.AppleH11ANEInterface 5.34.0
com.apple.AUC 1.0
com.apple.iokit.IOAVFamily 1.0.0
com.apple.iokit.IOHDCPFamily 1.0.0
com.apple.iokit.IOCECFamily 1
com.apple.iokit.IOAudio2Family 1.0
com.apple.driver.AppleIISController 100.1
com.apple.driver.AppleAudioClockLibs 100.9.1
com.apple.driver.AppleM2ScalerCSCDriver 265.0.0
com.apple.iokit.IOSurface 302.9

com.apple.driver.IODARTFamily 1
com.apple.security.quarantine 4
com.apple.security.sandbox 300.0
com.apple.kext.AppleMatch 1.0.0d1
com.apple.driver.AppleMobileFileIntegrity 1.0.5
com.apple.security.AppleImage4 4.2.0
com.apple.kext.CoreTrust 1
com.apple.iokit.IOCryptoAcceleratorFamily 1.0.1
com.apple.driver.AppleARMPlatform 1.0.2
com.apple.iokit.IOStorageFamily 2.1
com.apple.iokit.IOSlowAdaptiveClockingFamily 1.0.0
com.apple.iokit.IOReportFamily 47
com.apple.kec.pthread 1
com.apple.kec.Libm 1
com.apple.kec.corecrypto 12.0

**** Stackshot Succeeded ** Bytes Traced 420118 (Uncompressed 1073664) ****

RESTART 7:

panic(cpu 3 caller 0xfffffe00164c39e0): [data.kalloc.16]: element modified after free (off:0, val:0x00000000000005447, sz:16, ptr:0xfffffe2fffc4d310)

0: 0x00000000000005447

Debugger message: panic

Memory ID: 0x1

OS release type: User

OS version: 21C52

Kernel version: Darwin Kernel Version 21.2.0: Sun Nov 28 20:28:41 PST 2021;

root:xnu-8019.61.5~1/RELEASE_ARM64_T6000

Fileset Kernelcache UUID: 88208EF24C07AA8B02CDA1369E036EBD

Kernel UUID: 2F4E22DC-64BE-3369-B574-0909F0571FA6

iBoot version: iBoot-7429.61.2

secure boot?: YES

Paniclog version: 13

KernelCache slide: 0x000000000e340000

KernelCache base: 0xfffffe0015344000

Kernel slide: 0x000000000eb6c000

Kernel text base: 0xfffffe0015b70000

Kernel text exec slide: 0x000000000ec54000

Kernel text exec base: 0xfffffe0015c58000

mach_absolute_time: 0x3786bd520c

Epoch Time: sec usec

Boot : 0x61f07ba3 0x00011730
Sleep : 0x61f0a404 0x0008c71d
Wake : 0x61f0a41b 0x000b0dab
Calendar: 0x61f0a580 0x0000a129

Zone info:

Foreign : 0xfffffe001e2fc000 - 0xfffffe001e310000
Native : 0xfffffe10007a4000 - 0xfffffe30007a4000
Readonly : 0xfffffe14cd470000 - 0xfffffe1666e04000
Metadata : 0xfffffe808fe10000 - 0xfffffe809bd9c000
Bitmaps : 0xfffffe809bd9c000 - 0xfffffe80a77b8000
CORE 0 PVH locks held: None
CORE 1 PVH locks held: None
CORE 2 PVH locks held: None
CORE 3 PVH locks held: None
CORE 4 PVH locks held: None
CORE 5 PVH locks held: None
CORE 6 PVH locks held: None
CORE 7 PVH locks held: None
CORE 8 PVH locks held: None
CORE 9 PVH locks held: None
CORE 0: PC=0xfffffe0015cdef18, LR=0xfffffe0015cdef18, FP=0xfffffe60fed63ef0
CORE 1: PC=0xfffffe0015c6a2b8, LR=0xfffffe0015d13608,
FP=0xfffffe60e803baf0
CORE 2: PC=0xfffffe0018010714, LR=0xfffffe0018013c58, FP=0xfffffe60fe1fb5c0
CORE 3 is the one that panicked. Check the full backtrace for details.
CORE 4: PC=0xfffffe0015cdef1c, LR=0xfffffe0015cdef18, FP=0xfffffe60193abef0
CORE 5: PC=0xfffffe0015cdef18, LR=0xfffffe0015cdef18, FP=0xfffffe601e5d3ef0
CORE 6: PC=0xfffffe0015cdef18, LR=0xfffffe0015cdef18, FP=0xfffffe60e6493ef0
CORE 7: PC=0xfffffe0015cdef18, LR=0xfffffe0015cdef18, FP=0xfffffe601e753ef0
CORE 8: PC=0xfffffe0015cdef18, LR=0xfffffe0015cdef18, FP=0xfffffe60e86a3ef0
CORE 9: PC=0xfffffe0015cdef18, LR=0xfffffe0015cdef18, FP=0xfffffe601e543ef0
Panicked task 0xfffffe1666fb0728: 10685 pages, 26 threads: pid 344:
WindowServer

Panicked thread: 0xfffffe24cc17d140, backtrace: 0xfffffe60fe06a150, tid: 3389

lr: 0xfffffe0015caa4e4 fp: 0xfffffe60fe06a1c0
lr: 0xfffffe0015caa1b4 fp: 0xfffffe60fe06a230
lr: 0xfffffe0015dea070 fp: 0xfffffe60fe06a250
lr: 0xfffffe0015ddc47c fp: 0xfffffe60fe06a2d0
lr: 0xfffffe0015dd9ecc fp: 0xfffffe60fe06a390
lr: 0xfffffe0015c5f7f8 fp: 0xfffffe60fe06a3a0
lr: 0xfffffe0015ca9e28 fp: 0xfffffe60fe06a740
lr: 0xfffffe0015ca9e28 fp: 0xfffffe60fe06a7b0
lr: 0xfffffe00164bfa90 fp: 0xfffffe60fe06a7d0

lr: 0xfffffe00164c39e0 fp: 0xfffffe60fe06ac80
lr: 0xfffffe0015d136d0 fp: 0xfffffe60fe06ace0
lr: 0xfffffe00163898bc fp: 0xfffffe60fe06ad00
lr: 0xfffffe00163fccc8 fp: 0xfffffe60fe06adc0
lr: 0xfffffe00163eac84 fp: 0xfffffe60fe06ae70
lr: 0xfffffe00163ebef8 fp: 0xfffffe60fe06aeb0
lr: 0xfffffe0016564c4c fp: 0xfffffe60fe06af00
lr: 0xfffffe0016563378 fp: 0xfffffe60fe06af60
lr: 0xfffffe0016579f30 fp: 0xfffffe60fe06afb0
lr: 0xfffffe0017cc0818 fp: 0xfffffe60fe06aff0
lr: 0xfffffe0017cc32b8 fp: 0xfffffe60fe06b0c0
lr: 0xfffffe0016528ef4 fp: 0xfffffe60fe06b390
lr: 0xfffffe0016524c7c fp: 0xfffffe60fe06b5e0
lr: 0xfffffe0017cd28c8 fp: 0xfffffe60fe06b650
lr: 0xfffffe0017cd2fc4 fp: 0xfffffe60fe06b720
lr: 0xfffffe0017cd4140 fp: 0xfffffe60fe06b7e0
lr: 0xfffffe0017cd23a4 fp: 0xfffffe60fe06b830
lr: 0xfffffe0017cd20ac fp: 0xfffffe60fe06b870
lr: 0xfffffe0017cb2b40 fp: 0xfffffe60fe06b8d0
lr: 0xfffffe00164217e8 fp: 0xfffffe60fe06b930
lr: 0xfffffe001642deb0 fp: 0xfffffe60fe06bac0
lr: 0xfffffe0015daa898 fp: 0xfffffe60fe06bbe0
lr: 0xfffffe0015cb0818 fp: 0xfffffe60fe06bc80
lr: 0xfffffe0015c87690 fp: 0xfffffe60fe06bcf0
lr: 0xfffffe0015c9f16c fp: 0xfffffe60fe06bd80
lr: 0xfffffe0015dcf45c fp: 0xfffffe60fe06be50
lr: 0xfffffe0015dda304 fp: 0xfffffe60fe06bf10
lr: 0xfffffe0015c5f7f8 fp: 0xfffffe60fe06bf20

Kernel Extensions in backtrace:

com.apple.iokit.IOGPUFamily(35.11)[9D4C6320-707B-39C3-AD45-B1964332B8EC]@0xfffffe0017cade90->0xfffffe0017cdc423

dependency: com.apple.driver.AppleMobileFileIntegrity(1.0.5)
[865C4CEB-66D4-3093-81CF-FFF584FB7289]@0xfffffe0016f99930->0xfffffe0016fb45bf

dependency: com.apple.iokit.IOGraphicsFamily(593)
[BA7C7306-5CCB-31BD-8295-0256EC054570]@0xfffffe0017cdc440->0xfffffe0017d13a77

dependency: com.apple.iokit.IOPCIFamily(2.9)[0DB7597E-CBBD-3834-8BB0-CDD4E98440EB]@0xfffffe0017f280c0->0xfffffe0017f44903

dependency: com.apple.iokit.IOReportFamily(47)[34D7D91F-E485-3F2E-85CE-1023F8B66A8E]@0xfffffe0017f44910->0xfffffe0017f4795b

dependency: com.apple.iokit.IOSurface(302.9)
[1517231E-7174-32B9-8ECD-B1F576E85730]@0xfffffe0018021300->0xfffffe0018041557

com.apple.AGXC13X(187.59)[7F288FB7-C58A-3C40-A62A-10DDEEF1EA45]@0xfffffe00165068b0->0xfffffe0016582823
dependency: com.apple.driver.AppleARMPlatform(1.0.2)[1C04FFC7-DD27-3161-A460-F936CDBDBA3E]@0xfffffe0016642df0->0xfffffe001668b58f
dependency: com.apple.driver.AppleMobileFileIntegrity(1.0.5)[865C4CEB-66D4-3093-81CF-FFF584FB7289]@0xfffffe0016f99930->0xfffffe0016fb45bf
dependency: com.apple.driver.RTBuddy(1.0.0)[94051FB8-ACDF-3BAB-9EDC-575119EBAAB1]@0xfffffe00184ed610->0xfffffe001852579b
dependency: com.apple.iokit.CoreAnalyticsFamily(1)[D3B5A5ED-0139-35D6-8BE7-6F6DA85C9EE5]@0xfffffe00175c5a30->0xfffffe00175cb8f3
dependency: com.apple.iokit.IOGPUFamily(35.11)[9D4C6320-707B-39C3-AD45-B1964332B8EC]@0xfffffe0017cade90->0xfffffe0017cdc423
dependency: com.apple.iokit.IOReportFamily(47)[34D7D91F-E485-3F2E-85CE-1023F8B66A8E]@0xfffffe0017f44910->0xfffffe0017f4795b
dependency: com.apple.iokit.IOSurface(302.9)[1517231E-7174-32B9-8ECD-B1F576E85730]@0xfffffe0018021300->0xfffffe0018041557
dependency: com.apple.kec.Libm(1)[14E78439-0261-3302-AFB8-9655853E8D4A]@0xfffffe00184d6980->0xfffffe00184da0af

last started kext at 175634708820: com.apple.driver.AppleBluetoothHIDKeyboard
228 (addr 0xfffffe00155c8b80, size 1756)

loaded kexts:

com.apple.UVCService 1
com.apple.filesystems.autofs 3.0
com.apple.fileutil 20.036.15
com.apple.driver.AppleTopCaseHIDEventDriver 5020.1
com.apple.driver.AppleBiometricServices 1
com.apple.driver.CoreKDL 1
com.apple.driver.DiskImages.ReadWriteDiskImage 493.0.0
com.apple.driver.DiskImages.UDIFDiskImage 493.0.0
com.apple.driver.DiskImages.RAMBackingStore 493.0.0
com.apple.driver.DiskImages.FileBackingStore 493.0.0
com.apple.filesystems.apfs 1933.61.1
com.apple.driver.BCMWLANFirmware4387.Hashstore 1
com.apple.driver.SEPHibernation 1
com.apple.driver.AppleUSBDeviceNCM 5.0.0
com.apple.driver.AppleThunderboltIP 4.0.3
com.apple.driver.AppleFileSystemServiceDriver 3.0.1
com.apple.filesystems.hfs.kext 582.60.2
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com.apple.BootCache 40

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com.apple.driver.IOImageLoader 1.0.0
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com.apple.driver.IODARTFamily 1
com.apple.security.quarantine 4
com.apple.security.sandbox 300.0
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** Stackshot Succeeded ** Bytes Traced 385344 (Uncompressed 978736) **