

panic(cpu 0 caller 0xfffffe00228839e0): [data.kalloc.16]: element modified after free (off:0, val:0x00000000000001d47, sz:16, ptr:0xfffffe299b2a3940)

0: 0x00000000000001d47

Debugger message: panic

Memory ID: 0x6

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: 0x000000001a700000

KernelCache base: 0xfffffe0021704000

Kernel slide: 0x000000001af2c000

Kernel text base: 0xfffffe0021f30000

Kernel text exec slide: 0x000000001b014000

Kernel text exec base: 0xfffffe0022018000

mach_absolute_time: 0x2031977ce1

Epoch Time: sec usec

 Boot : 0x61c38d52 0x000ef976

 Sleep : 0x61c48b50 0x0004535d

 Wake : 0x61c48b51 0x00066d08

 Calendar: 0x61c48b5a 0x000e7461

Zone info:

Foreign : 0xfffffe002a2fc000 - 0xfffffe002a310000

Native : 0xfffffe100054c000 - 0xfffffe300054c000

Readonly : 0xfffffe14cd218000 - 0xfffffe1666bac000

Metadata : 0xfffffe6af1ba0000 - 0xfffffe6afdafc000

Bitmaps : 0xfffffe6afdafc000 - 0xfffffe6b14f20000

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=0xfffffe002209ef18, LR=0xfffffe002209ef18, FP=0xfffffe6100abbef0

CORE 2: PC=0xfffffe002209ef1c, LR=0xfffffe002209ef18, FP=0xfffffe60320b3ef0

CORE 3: PC=0xfffffe002209ef18, LR=0xfffffe002209ef18, FP=0xfffffe6101adbef0

CORE 4: PC=0xfffffe002209ef18, LR=0xfffffe002209ef18, FP=0xfffffe6036c93ef0

CORE 5: PC=0xfffffe002209ef1c, LR=0xfffffe002209ef18, FP=0xfffffe6036cf3ef0
CORE 6: PC=0xfffffe002209ef18, LR=0xfffffe002209ef18, FP=0xfffffe6036e73ef0
CORE 7: PC=0xfffffe002209ef18, LR=0xfffffe002209ef18, FP=0xfffffe6100c3bef0
CORE 8: PC=0xfffffe002209ef18, LR=0xfffffe002209ef18, FP=0xfffffe61170f3ef0
CORE 9: PC=0xfffffe002209ef1c, LR=0xfffffe002209ef18, FP=0xfffffe60320d3ef0
Panicked task 0xfffffe20006b4678: 0 pages, 609 threads: pid 0: kernel_task
Panicked thread: 0xfffffe1b333de180, backtrace: 0xfffffe611714afa0, tid: 444

lr: 0xfffffe002206a4e4 fp: 0xfffffe611714b010
lr: 0xfffffe002206a1b4 fp: 0xfffffe611714b080
lr: 0xfffffe00221aa070 fp: 0xfffffe611714b0a0
lr: 0xfffffe002219c47c fp: 0xfffffe611714b120
lr: 0xfffffe0022199ecc fp: 0xfffffe611714b1e0
lr: 0xfffffe002201f7f8 fp: 0xfffffe611714b1f0
lr: 0xfffffe0022069e28 fp: 0xfffffe611714b590
lr: 0xfffffe0022069e28 fp: 0xfffffe611714b600
lr: 0xfffffe002287fa90 fp: 0xfffffe611714b620
lr: 0xfffffe00228839e0 fp: 0xfffffe611714bad0
lr: 0xfffffe00220d36d0 fp: 0xfffffe611714bb30
lr: 0xfffffe00227498bc fp: 0xfffffe611714bb50
lr: 0xfffffe00227f8f58 fp: 0xfffffe611714bb80
lr: 0xfffffe00227fbb98 fp: 0xfffffe611714bba0
lr: 0xfffffe00227fcbec fp: 0xfffffe611714bbe0
lr: 0xfffffe0022bdbe5c fp: 0xfffffe611714bc80
lr: 0xfffffe0022d2f8e4 fp: 0xfffffe611714bce0
lr: 0xfffffe0022d7cab0 fp: 0xfffffe611714bd80
lr: 0xfffffe0022d7a054 fp: 0xfffffe611714be90
lr: 0xfffffe0022d7c778 fp: 0xfffffe611714beb0
lr: 0xfffffe002279fd48 fp: 0xfffffe611714bee0
lr: 0xfffffe00227a0908 fp: 0xfffffe611714bf20
lr: 0xfffffe0022028e78 fp: 0x0000000000000000

Kernel Extensions in backtrace:

com.apple.driver.AppleBCM7WLANCore(1.0)[85F9DE9A-82D9-3CE8-AC5C-
DFBCC3907E0A]@0xfffffe0022bc2d50->0xfffffe0022d8652b
dependency: com.apple.driver.AppleARMPlatform(1.0.2)[1C04FFC7-DD27-3161-A460-
F936CDBDBA3E]@0xfffffe0022a02df0->0xfffffe0022a4b58f
dependency: com.apple.driver.AppleMobileFileIntegrity(1.0.5)[865C4CEB-66D4-3093-81CF-
FFF584FB7289]@0xfffffe0023359930->0xfffffe00233745bf
dependency: com.apple.driver.AppleOLYHAL(1)[4AE103E9-96D9-3A2E-B002-
F83C634C7091]@0xfffffe00233943e0->0xfffffe00233a0e8f
dependency: com.apple.driver.AppleOnboardSerial(1.0)[A733DB1A-C975-3B3A-9F25-
01EB7287C4B1]@0xfffffe00233a0e90->0xfffffe00233b3c93
dependency: com.apple.driver.IOImageLoader(1.0.0)[9DCC8F11-8844-3BDA-B016-
49CFC5BE62BE]@0xfffffe002418a9e0->0xfffffe002419d06b
dependency: com.apple.driver.corecapture(1.0.4)[EE281D3D-73D2-3164-9856-
6A77AF18A45F]@0xfffffe0024b59180->0xfffffe0024b77a1f
dependency: com.apple.driver.mDNSOffloadUserClient(1.0.1b8)[20BF3864-0095-3515-9DD2-
CF95296B5E57]@0xfffffe00242e4700->0xfffffe00242e80b3

dependency: com.apple.iokit.CoreAnalyticsFamily(1)[D3B5A5ED-0139-35D6-8BE7-6F6DA85C9EE5]@0xfffffe0023985a30->0xfffffe002398b8f3
dependency: com.apple.iokit.IO80211Family(1200.12.2b1)[5EA2ED9D-6AA5-32BE-AE62-BE42217C4B87]@0xfffffe0023bd6c10->0xfffffe0023d331ef
dependency: com.apple.iokit.IONetworkingFamily(3.4)[BC82C7EC-EA19-3712-8F7D-19B9D5301071]@0xfffffe002425c510->0xfffffe002427c1af
dependency: com.apple.iokit.IOPCIFamily(2.9)[0DB7597E-CBBD-3834-8BB0-CDD4E98440EB]@0xfffffe00242e80c0->0xfffffe0024304903
dependency: com.apple.iokit.IOSerialFamily(11)[E24FCB2B-A2F4-3E46-92ED-F48F19A9CD5E]@0xfffffe0024364950->0xfffffe002436c47b
dependency: com.apple.iokit.IOSkywalkFamily(1.0)[96FD5D6B-C220-30EE-86D0-72CFB4382019]@0xfffffe002436c480->0xfffffe00243b8dc3
dependency: com.apple.iokit.IOTimeSyncFamily(1000.11)[F7950351-3319-3D80-8E0C-88CEC425D761]@0xfffffe0024520140->0xfffffe002453e2b7
dependency: com.apple.kec.corecrypto(12.0)[D707A84E-14B7-3FC9-B566-F9F1D163B3DB]@0xfffffe0024b77a40->0xfffffe0024bc4557

last started kext at 136320651208: com.apple.driver.AppleBluetoothMultitouch 100 (addr 0xfffffe0021876a30, size 9500)

loaded kexts:

com.apple.driver.AppleBluetoothMultitouch 100
com.apple.filesystems.smbfs 4.0
com.apple.fsplaceholder 1.14.1
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.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.IOTextEncryptionFamily 1.0.0
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.AppleSmartIO2 1

com.apple.AppleEmbeddedSimpleSPINORFlasher	1
com.apple.driver.ApplePMP	1
com.apple.driver.AppleSN012776Amp	520.5
com.apple.driver.AppleCS42L84Audio	520.5
com.apple.driver.AppleT6000SOCTuner	1
com.apple.driver.AppleT6000CLPCv3	1
com.apple.driver.AppleSmartBatteryManager	161.0.0
com.apple.driver.AppleALSColorSensor	1.0.0d1
com.apple.driver.AppleAOPVoiceTrigger	100.1
com.apple.driver.ApplePMPFirmware	1
com.apple.driver.AppleDPDisplayTCON	1
com.apple.driver.AppleSPMIPMU	1.0.1
com.apple.driver.usb.AppleSynopsysUSB40XHCI	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.AppleBCMWWLANBusInterfacePCle	1
com.apple.driver.AppleS5L8920XPWM	1.0.0d1
com.apple.driver.AudioDMAController-T600x	100.51
com.apple.driver.AppleT6000DART	1
com.apple.driver.AppleSPIMC	1
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.InvalidHmac	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.IOGTPPlugin 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.AppleTrustedAccessory 1
 com.apple.iokit.AppleSEPGenericTransfer 1
 com.apple.driver.AppleSEPHDCPManager 1.0.1
 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.driver.AppleHIDTransportSPI 5400.30
 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.AppleBSDKextStarter 3
 com.apple.driver.AppleBTM 1.0.1
 com.apple.filesystems.hfs.encodings.kext 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.AppleEmbeddedAudio 520.5
 com.apple.iokit.AppleARMIISAudio 100.1
 com.apple.driver.AppleSPU 1
 com.apple.iokit.IONVMeFamily 2.1.0
 com.apple.driver.AppleNANDConfigAccess 1.0.0
 com.apple.AGXFirmwareKextG13XRTBuddy 187.59
 com.apple.AGXFirmwareKextRTBuddy64 187.59
 com.apple.driver.AppleStockholmControl 1.0.0
 com.apple.driver.AppleDialogPMU 1.0.1

com.apple.driver.AppleUSBXHCIARM	1.0
com.apple.driver.AppleUSBXHCI	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.AppleSPMI	1.0.1
com.apple.driver.AppleHPM	3.4.4
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.AppleT6000TypeCPhy	1
com.apple.driver.AppleT8103TypeCPhy	1
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.IOTThunderboltFamily	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