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[10:01:32.0956-GMT]{3>6} CHECKPOINT NOTICE: Not image4 device: AP nonce not clearable
[10:01:32.0957-GMT]{3>6} CHECKPOINT NOTICE: Pre-existing NVRAM variable: ota-uuid=07C2BDD9-BB4F-46A3-AD76-946711761804
[10:01:32.0957-GMT]{3>6} CHECKPOINT NOTICE: Pre-existing NVRAM variable: ota-outcome=initial_monitor
[10:01:32.0959-GMT]{3>6} CHECKPOINT ANOMALY: [check_collection]auto-boot(does_not_exist)
[10:01:32.0959-GMT]{3>6} CHECKPOINT PROGRESS: START (unknown) -> (initial_engine)
[10:01:32.0959-GMT]{3>6} CHECKPOINT NOTICE: NVRAM access available on initial check
ota-anomalies = {0x00000000:[check_collection]auto-boot(does_not_exist)}
ota-outcome = initial_engine
executing /usr/sbin/nvram ota-outcome=initial_engine
Setting a crash log handler indiscriminately.
[10:01:32.0982-GMT]{3>6} CHECKPOINT BEGIN: MAIN:[0x0400] umask
ota-step-ids = {0x11030400:1}
ota-step-names = {0x11030400:umask}
ota-step-uptime = 2
ota-step-user-progress = -1
[10:01:32.0983-GMT]{3>6} CHECKPOINT END: MAIN:[0x0400] umask
ota-step-ids = {}
ota-step-names = {}
ota-step-uptime = 2
ota-step-user-progress = -1
[10:01:32.0984-GMT]{3>6} CHECKPOINT BEGIN: MAIN:[0x0402] setvbuf
ota-step-ids = {0x11030402:2}
ota-step-names = {0x11030402:setvbuf}
ota-step-uptime = 2
ota-step-user-progress = -1
[10:01:32.0985-GMT]{3>6} CHECKPOINT END: MAIN:[0x0402] setvbuf
ota-step-ids = {}
ota-step-names = {}
ota-step-uptime = 2
ota-step-user-progress = -1
[10:01:32.0986-GMT]{3>6} CHECKPOINT BEGIN: MAIN:[0x0403] kernel_logger_thread
ota-step-ids = {0x11030403:3}
ota-step-names = {0x11030403:kernel_logger_thread}
ota-step-uptime = 2
ota-step-user-progress = -1
[10:01:32.0986-GMT]{3>6} CHECKPOINT END: MAIN:[0x0403] kernel_logger_thread
unable to open /dev/klog: Resource busy
ota-step-ids = {}
ota-step-names = {}
ota-step-uptime = 2
ota-step-user-progress = -1
[10:01:32.0987-GMT]{3>6} CHECKPOINT BEGIN: MAIN:[0x0404] update_root_mount
ota-step-ids = {0x11030404:4}
ota-step-names = {0x11030404:update_root_mount}
ota-step-uptime = 2
ota-step-user-progress = -1
[10:01:32.0997-GMT]{3>6} CHECKPOINT END: MAIN:[0x0404] update_root_mount
ota-step-ids = {}
ota-step-names = {}
ota-step-uptime = 2
ota-step-user-progress = -1
[10:01:32.0998-GMT]{3>6} CHECKPOINT BEGIN: MAIN:[0x0405] disable_watchdog
ota-step-ids = {0x11030405:5}
ota-step-names = {0x11030405:disable_watchdog}
ota-step-uptime = 2
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ota-step-user-progress = -1
[10:01:32.0999-GMT]{3>6} CHECKPOINT END: MAIN:[0x0405] disable_watchdog
ota-step-ids = {}
ota-step-names = {}
ota-step-uptime = 2
ota-step-user-progress = -1
[10:01:33.0000-GMT]{3>6} CHECKPOINT BEGIN: MAIN:[0x0406] set_progress_0
ota-step-ids = {0x11030406:6}
ota-step-names = {0x11030406:set_progress_0}
ota-step-uptime = 3
ota-step-user-progress = -1
[10:01:33.0001-GMT]{3>6} CHECKPOINT END: MAIN:[0x0406] set_progress_0
ota-step-ids = {}
ota-step-names = {}
ota-step-uptime = 3
ota-step-user-progress = 0
[10:01:33.0002-GMT]{3>6} CHECKPOINT BEGIN: MAIN:[0x040A] load_plugins
ota-step-ids = {0x1103040A:7}
ota-step-names = {0x1103040A:load_plugins}
ota-step-uptime = 3
ota-step-user-progress = 0
patchd: ramrod_register_plugin(1509): patchd_macos ramrod_register_plugin has been
called
loaded plugin: patchd_macos
plugin contains 1 handlers
    patchd_macos_patch (AUTONOMOUS HANDLER)
[10:01:33.0108-GMT]{3>6} CHECKPOINT END: MAIN:[0x040A] load_plugins
ota-step-ids = {}
ota-step-names = {}
ota-step-uptime = 3
ota-step-user-progress = 0
[10:01:33.0109-GMT]{3>6} CHECKPOINT BEGIN: MAIN:[0x040B] should_disable_sep_load
ota-step-ids = {0x1103040B:8}
ota-step-names = {0x1103040B:should_disable_sep_load}
ota-step-uptime = 3
ota-step-user-progress = 0
[10:01:33.0110-GMT]{3>6} CHECKPOINT END: MAIN:[0x040B] should_disable_sep_load
ota-step-ids = {}
ota-step-names = {}
ota-step-uptime = 3
ota-step-user-progress = 0
[10:01:33.0110-GMT]{3>6} CHECKPOINT BEGIN: MAIN:[0x040C] load_sep_os
ota-step-ids = {0x1103040C:9}
ota-step-names = {0x1103040C:load_sep_os}
ota-step-uptime = 3
ota-step-user-progress = 0
[10:01:33.0112-GMT]{3>6} CHECKPOINT END: MAIN:[0x040C] load_sep_os
ota-step-ids = {}
ota-step-names = {}
ota-step-uptime = 3
ota-step-user-progress = 0
[10:01:33.0113-GMT]{3>6} CHECKPOINT BEGIN: MAIN:[0x040F] check_enable_NAND
ota-step-ids = {0x1103040F:10}
ota-step-names = {0x1103040F:check_enable_NAND}
ota-step-uptime = 3
ota-step-user-progress = 0
[10:01:33.0113-GMT]{3>6} CHECKPOINT END: MAIN:[0x040F] check_enable_NAND
ota-step-ids = {}
ota-step-names = {}
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ota-step-uptime = 3
ota-step-user-progress = 0
[10:01:33.0114-GMT]{3>6} CHECKPOINT BEGIN: MAIN:[0x040D] create_listen_socket
ota-step-ids = {0x1103040D:11}
ota-step-names = {0x1103040D:create_listen_socket}
ota-step-uptime = 3
ota-step-user-progress = 0
[10:01:33.0115-GMT]{3>6} CHECKPOINT END: MAIN:[0x040D] create_listen_socket
ota-step-ids = {}
ota-step-names = {}
ota-step-uptime = 3
ota-step-user-progress = 0
[10:01:33.0117-GMT]{3>6} CHECKPOINT NOTICE: Not image4 device: AP nonce not
clearable
Setting a crash log handler indiscriminately.
[10:01:33.0117-GMT]{3>6} CHECKPOINT BEGIN: PATCHD:[0x0565] start
ota-step-ids = {0x11030565:12}
ota-step-names = {0x11030565:start}
ota-step-uptime = 3
ota-step-user-progress = 0
patchd: patchd_macos_block_invoke(549): Started MacOS patchd plugin
patchd: patchd_macos_set_progress(133): Setting progress to 10.000000
[10:01:33.0119-GMT]{3>6} CHECKPOINT END: PATCHD:[0x0565] start
ota-step-ids = {}
ota-step-names = {}
ota-step-uptime = 3
ota-step-user-progress = 10
[10:01:33.0120-GMT]{3>6} CHECKPOINT BEGIN: PATCHD:[0x0504] patchd_alloc_context
ota-step-ids = {0x11030504:13}
ota-step-names = {0x11030504:patchd_alloc_context}
ota-step-uptime = 3
ota-step-user-progress = 10
[10:01:33.0120-GMT]{3>6} CHECKPOINT END: PATCHD:[0x0504] patchd_alloc_context
ota-step-ids = {}
ota-step-names = {}
ota-step-uptime = 3
ota-step-user-progress = 10
[10:01:33.0121-GMT]{3>6} CHECKPOINT BEGIN: PATCHD:[0x050C] probe_media
ota-step-ids = {0x1103050C:14}
ota-step-names = {0x1103050C:probe_media}
ota-step-uptime = 3
ota-step-user-progress = 10
patchd: setSystemTargetUUID will use 1A7405AC-65D1-49A8-B3B2-7E3D4E6263FC for
target UUID
patchd: Found update container: LPAPFSContainer: AppleAPFSMedia, UUID: F81B3786-
BFB0-4827-AD8F-569CBF00308A
patchd: Found update volume: LPAPFSVolume: Update, UUID: AA66F8BF-28D2-4BBD-98EB-
6D9B8B9EBE1B
[10:01:35.0137-GMT]{3>6} CHECKPOINT END: PATCHD:[0x050C] probe_media
ota-step-ids = {}
ota-step-names = {}
ota-step-uptime = 5
ota-step-user-progress = 10
[10:01:35.0138-GMT]{3>6} CHECKPOINT BEGIN: PATCHD:[0x0514] find_system_volume
ota-step-ids = {0x11030514:15}
ota-step-names = {0x11030514:find_system_volume}
ota-step-uptime = 5
ota-step-user-progress = 10
[10:01:35.0139-GMT]{3>6} CHECKPOINT END: PATCHD:[0x0514] find_system_volume
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ota-step-ids = {}
ota-step-names = {}
ota-step-uptime = 5
ota-step-user-progress = 10
[10:01:35.0140-GMT]{3>6} CHECKPOINT BEGIN: PATCHD:[0x051A] find_data_volume
ota-step-ids = {0x1103051A:16}
ota-step-names = {0x1103051A:find_data_volume}
ota-step-uptime = 5
ota-step-user-progress = 10
[10:01:36.0142-GMT]{3>6} CHECKPOINT END: PATCHD:[0x051A] find_data_volume
ota-step-ids = {}
ota-step-names = {}
ota-step-uptime = 6
ota-step-user-progress = 10
[10:01:36.0143-GMT]{3>6} CHECKPOINT BEGIN: PATCHD:[0x0512] find_update_volume
ota-step-ids = {0x11030512:17}
ota-step-names = {0x11030512:find_update_volume}
ota-step-uptime = 6
ota-step-user-progress = 10
[10:01:37.0146-GMT]{3>6} CHECKPOINT END: PATCHD:[0x0512] find_update_volume
ota-step-ids = {}
ota-step-names = {}
ota-step-uptime = 7
ota-step-user-progress = 10
[10:01:37.0147-GMT]{3>6} CHECKPOINT BEGIN: PATCHD:[0x054F] create_readwrite_ramdisk
ota-step-ids = {0x1103054F:18}
ota-step-names = {0x1103054F:create_readwrite_ramdisk}
ota-step-uptime = 7
ota-step-user-progress = 10
executing /usr/sbin/hdick -nomount ram://245760 -drivekey patchd-ramdisk=1
/dev/disk9
executing /sbin/newfs_hfs -J -v readwrite_ramdisk /dev/disk9
Initialized /dev/rdisk9 as a 120 MB case-insensitive HFS Plus volume with a 512k
journal
executing /sbin/fsck_hfs -fdy /dev/disk9
journal_replay(/dev/disk9) returned 0
** /dev/rdisk9
    Using cacheBlockSize=32K cacheTotalBlock=49152 cacheSize=1572864K.
    Executing fsck_hfs (version hfs-552.0.0.110.1).
** Checking Journaled HFS Plus volume.
    The volume name is readwrite_ramdisk
** Checking extents overflow file.
** Checking catalog file.
** Checking multi-linked files.
** Checking catalog hierarchy.
** Checking extended attributes file.
** Checking volume bitmap.
** Checking volume information.
** The volume readwrite_ramdisk appears to be OK.
    CheckHFS returned 0, fsmodified = 0
executing /sbin/mount_hfs /dev/disk9 /mnt5
entering show_service_nodes
disk4

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IOBlockStorageDriver RegistryID : 0x10000029a Busy State : 0x0 Service State : 0x1e
IOAHCIBlockStorageDevice RegistryID : 0x100000297 Busy State : 0x0 Service State :
0x1e
AppleAHCIDiskDriver RegistryID : 0x100000293 Busy State : 0x0 Service State : 0x1e
IOAHCIDevice RegistryID : 0x100000292 Busy State : 0x0 Service State : 0x1e

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PRT2 RegistryID : 0x1000001bd Busy State : 0x0 Service State : 0x1e
AppleAHCI RegistryID : 0x100000286 Busy State : 0x0 Service State : 0x1e
SATA RegistryID : 0x1000001ba Busy State : 0x0 Service State : 0x1e
AppleACPIPCI RegistryID : 0x1000001d0 Busy State : 0x0 Service State : 0x1e
PCI0 RegistryID : 0x100000167 Busy State : 0x0 Service State : 0x1e
AppleACPIPlatformExpert RegistryID : 0x100000110 Busy State : 0x0 Service State :
0x1e
MacPro5,1 RegistryID : 0x10000010f Busy State : 0x1 Service State : 0x1e
Root RegistryID : 0x100000100 Busy State : 0x0 Service State : 0x0

disk0

IOBlockStorageDriver RegistryID : 0x1000002ab Busy State : 0x0 Service State : 0x1e
IOAHCIBlockStorageDevice RegistryID : 0x1000002a8 Busy State : 0x0 Service State :
0x1e
AppleAHCIDiskDriver RegistryID : 0x1000002a3 Busy State : 0x0 Service State : 0x1e
IOAHCIDevice RegistryID : 0x1000002a2 Busy State : 0x0 Service State : 0x1e
PRT3 RegistryID : 0x1000001be Busy State : 0x0 Service State : 0x1e
AppleAHCI RegistryID : 0x100000286 Busy State : 0x0 Service State : 0x1e
SATA RegistryID : 0x1000001ba Busy State : 0x0 Service State : 0x1e
AppleACPIPCI RegistryID : 0x1000001d0 Busy State : 0x0 Service State : 0x1e
PCI0 RegistryID : 0x100000167 Busy State : 0x0 Service State : 0x1e
AppleACPIPlatformExpert RegistryID : 0x100000110 Busy State : 0x0 Service State :
0x1e
MacPro5,1 RegistryID : 0x10000010f Busy State : 0x1 Service State : 0x1e
Root RegistryID : 0x100000100 Busy State : 0x0 Service State : 0x0

disk1

IOBlockStorageDriver RegistryID : 0x1000002b8 Busy State : 0x0 Service State : 0x1e
IOAHCIBlockStorageDevice RegistryID : 0x1000002b5 Busy State : 0x0 Service State :
0x1e
AppleAHCIDiskDriver RegistryID : 0x1000002a6 Busy State : 0x0 Service State : 0x1e
IOAHCIDevice RegistryID : 0x1000002a5 Busy State : 0x0 Service State : 0x1e
PRT4 RegistryID : 0x1000001bf Busy State : 0x0 Service State : 0x1e
AppleAHCI RegistryID : 0x100000286 Busy State : 0x0 Service State : 0x1e
SATA RegistryID : 0x1000001ba Busy State : 0x0 Service State : 0x1e
AppleACPIPCI RegistryID : 0x1000001d0 Busy State : 0x0 Service State : 0x1e
PCI0 RegistryID : 0x100000167 Busy State : 0x0 Service State : 0x1e
AppleACPIPlatformExpert RegistryID : 0x100000110 Busy State : 0x0 Service State :
0x1e
MacPro5,1 RegistryID : 0x10000010f Busy State : 0x1 Service State : 0x1e
Root RegistryID : 0x100000100 Busy State : 0x0 Service State : 0x0

disk3

IOBlockStorageDriver RegistryID : 0x1000002c7 Busy State : 0x0 Service State : 0x1e
IOAHCIBlockStorageDevice RegistryID : 0x1000002c4 Busy State : 0x0 Service State :
0x1e
AppleAHCIDiskDriver RegistryID : 0x100000290 Busy State : 0x0 Service State : 0x1e
IOAHCIDevice RegistryID : 0x10000028f Busy State : 0x0 Service State : 0x1e
PRT1 RegistryID : 0x1000001bc Busy State : 0x0 Service State : 0x1e
AppleAHCI RegistryID : 0x100000286 Busy State : 0x0 Service State : 0x1e
SATA RegistryID : 0x1000001ba Busy State : 0x0 Service State : 0x1e
AppleACPIPCI RegistryID : 0x1000001d0 Busy State : 0x0 Service State : 0x1e
PCI0 RegistryID : 0x100000167 Busy State : 0x0 Service State : 0x1e

AppleACPIPlatformExpert RegistryID : 0x100000110 Busy State : 0x0 Service State : 0x1e
MacPro5,1 RegistryID : 0x10000010f Busy State : 0x1 Service State : 0x1e
Root RegistryID : 0x100000100 Busy State : 0x0 Service State : 0x0

disk2

IOBlockStorageDriver RegistryID : 0x1000002ce Busy State : 0x0 Service State : 0x1e
IOAHCIBlockStorageDevice RegistryID : 0x1000002cb Busy State : 0x0 Service State : 0x1e
AppleAHCIDiskDriver RegistryID : 0x100000278 Busy State : 0x0 Service State : 0x1e
IOAHCIDevice RegistryID : 0x100000274 Busy State : 0x0 Service State : 0x1e
PRT0 RegistryID : 0x100000270 Busy State : 0x0 Service State : 0x1e
AppleAHCI RegistryID : 0x10000024f Busy State : 0x0 Service State : 0x1e
PXS3 RegistryID : 0x1000001c9 Busy State : 0x0 Service State : 0x1e
IOPP RegistryID : 0x10000022e Busy State : 0x0 Service State : 0x1e
PPB2 RegistryID : 0x1000001c8 Busy State : 0x0 Service State : 0x1e
IOPP RegistryID : 0x10000021e Busy State : 0x0 Service State : 0x1e
I2PS RegistryID : 0x1000001c7 Busy State : 0x0 Service State : 0x1e
IOPP RegistryID : 0x10000020f Busy State : 0x0 Service State : 0x1e
IOU2 RegistryID : 0x1000001c6 Busy State : 0x0 Service State : 0x1e
AppleACPIPCI RegistryID : 0x1000001d0 Busy State : 0x0 Service State : 0x1e
PCI0 RegistryID : 0x100000167 Busy State : 0x0 Service State : 0x1e
AppleACPIPlatformExpert RegistryID : 0x100000110 Busy State : 0x0 Service State : 0x1e
MacPro5,1 RegistryID : 0x10000010f Busy State : 0x1 Service State : 0x1e
Root RegistryID : 0x100000100 Busy State : 0x0 Service State : 0x0

disk6

AppleAPFSContainerScheme RegistryID : 0x100000305 Busy State : 0x0 Service State : 0x0
Untitled 3 RegistryID : 0x1000002f6 Busy State : 0x0 Service State : 0x1e
IOGUIDPartitionScheme RegistryID : 0x1000002d2 Busy State : 0x0 Service State : 0x0
SAMSUNG SSD 830 Series Media RegistryID : 0x1000002c8 Busy State : 0x0 Service State : 0x1e
IOBlockStorageDriver RegistryID : 0x1000002c7 Busy State : 0x0 Service State : 0x1e
IOAHCIBlockStorageDevice RegistryID : 0x1000002c4 Busy State : 0x0 Service State : 0x1e
AppleAHCIDiskDriver RegistryID : 0x100000290 Busy State : 0x0 Service State : 0x1e
IOAHCIDevice RegistryID : 0x10000028f Busy State : 0x0 Service State : 0x1e
PRT1 RegistryID : 0x1000001bc Busy State : 0x0 Service State : 0x1e
AppleAHCI RegistryID : 0x100000286 Busy State : 0x0 Service State : 0x1e
SATA RegistryID : 0x1000001ba Busy State : 0x0 Service State : 0x1e
AppleACPIPCI RegistryID : 0x1000001d0 Busy State : 0x0 Service State : 0x1e
PCI0 RegistryID : 0x100000167 Busy State : 0x0 Service State : 0x1e
AppleACPIPlatformExpert RegistryID : 0x100000110 Busy State : 0x0 Service State : 0x1e
MacPro5,1 RegistryID : 0x10000010f Busy State : 0x1 Service State : 0x1e
Root RegistryID : 0x100000100 Busy State : 0x0 Service State : 0x0

disk5

AppleAPFSContainerScheme RegistryID : 0x1000002fc Busy State : 0x0 Service State : 0x0
MAC SSD RegistryID : 0x1000002f1 Busy State : 0x0 Service State : 0x1e

IOGUIDPartitionScheme RegistryID : 0x1000002d3 Busy State : 0x0 Service State : 0x0
SAMSUNG MZHPV128HDGM-00000 Media RegistryID : 0x1000002cf Busy State : 0x0 Service
State : 0x1e
IOBlockStorageDriver RegistryID : 0x1000002ce Busy State : 0x0 Service State : 0x1e
IOAHCIBlockStorageDevice RegistryID : 0x1000002cb Busy State : 0x0 Service State :
0x1e
AppleAHCIDiskDriver RegistryID : 0x100000278 Busy State : 0x0 Service State : 0x1e
IOAHCIDevice RegistryID : 0x100000274 Busy State : 0x0 Service State : 0x1e
PRT0 RegistryID : 0x100000270 Busy State : 0x0 Service State : 0x1e
AppleAHCI RegistryID : 0x10000024f Busy State : 0x0 Service State : 0x1e
PXS3 RegistryID : 0x1000001c9 Busy State : 0x0 Service State : 0x1e
IOPP RegistryID : 0x10000022e Busy State : 0x0 Service State : 0x1e
PPB2 RegistryID : 0x1000001c8 Busy State : 0x0 Service State : 0x1e
IOPP RegistryID : 0x10000021e Busy State : 0x0 Service State : 0x1e
I2PS RegistryID : 0x1000001c7 Busy State : 0x0 Service State : 0x1e
IOPP RegistryID : 0x10000020f Busy State : 0x0 Service State : 0x1e
IOU2 RegistryID : 0x1000001c6 Busy State : 0x0 Service State : 0x1e
AppleACPIPCI RegistryID : 0x1000001d0 Busy State : 0x0 Service State : 0x1e
PCI0 RegistryID : 0x100000167 Busy State : 0x0 Service State : 0x1e
AppleACPIPlatformExpert RegistryID : 0x100000110 Busy State : 0x0 Service State :
0x1e
MacPro5,1 RegistryID : 0x10000010f Busy State : 0x1 Service State : 0x1e
Root RegistryID : 0x100000100 Busy State : 0x0 Service State : 0x0

disk7

IOBlockStorageDriver RegistryID : 0x100000375 Busy State : 0x0 Service State : 0x1e
IOBlockStorageServices RegistryID : 0x100000374 Busy State : 0x0 Service State :
0x1e
IOCSIPeripheralDeviceType00 RegistryID : 0x100000371 Busy State : 0x0 Service
State : 0x0
IOCSILogicalUnitNub RegistryID : 0x100000370 Busy State : 0x0 Service State : 0x1e
IOUSBMassStorageDriver RegistryID : 0x10000036e Busy State : 0x0 Service State :
0x0
IOUSBMassStorageDriverNub RegistryID : 0x10000036c Busy State : 0x0 Service State :
0x1e
IOUSBMassStorageInterfaceNub RegistryID : 0x10000036a Busy State : 0x0 Service
State : 0x1e
IOUSBHostInterface RegistryID : 0x100000368 Busy State : 0x0 Service State : 0x1e
USB Reader RegistryID : 0x10000035d Busy State : 0x0 Service State : 0x1e
PRT5 RegistryID : 0x100000311 Busy State : 0x0 Service State : 0x1e
EHC1 RegistryID : 0x10000026c Busy State : 0x0 Service State : 0x1e
EHC1 RegistryID : 0x1000001b7 Busy State : 0x0 Service State : 0x1e
AppleACPIPCI RegistryID : 0x1000001d0 Busy State : 0x0 Service State : 0x1e
PCI0 RegistryID : 0x100000167 Busy State : 0x0 Service State : 0x1e
AppleACPIPlatformExpert RegistryID : 0x100000110 Busy State : 0x0 Service State :
0x1e
MacPro5,1 RegistryID : 0x10000010f Busy State : 0x1 Service State : 0x1e
Root RegistryID : 0x100000100 Busy State : 0x0 Service State : 0x0

disk8

IOBlockStorageDriver RegistryID : 0x1000003fe Busy State : 0x0 Service State : 0x1e
IODiskImageBlockStorageDeviceInKernel RegistryID : 0x1000003fd Busy State : 0x0
Service State : 0x1e
IOHDXHDDriveInKernel RegistryID : 0x1000003fc Busy State : 0x0 Service State :
0x1e

KDIDiskImageNub RegistryID : 0x1000003fb Busy State : 0x0 Service State : 0x1e
KDIReadWriteDiskImage RegistryID : 0x1000003f9 Busy State : 0x0 Service State :
0x1e
KDIRAMBackingStore RegistryID : 0x1000003f7 Busy State : 0x0 Service State : 0x1e
KDIURL RegistryID : 0x1000003f4 Busy State : 0x0 Service State : 0x1e
IOHDXController RegistryID : 0x100000120 Busy State : 0x0 Service State : 0x1e
IOResources RegistryID : 0x100000112 Busy State : 0x0 Service State : 0x1e
MacPro5,1 RegistryID : 0x10000010f Busy State : 0x1 Service State : 0x1e
Root RegistryID : 0x100000100 Busy State : 0x0 Service State : 0x0

disk9

IOBlockStorageDriver RegistryID : 0x100000412 Busy State : 0x0 Service State : 0x1e
IODiskImageBlockStorageDeviceInKernel RegistryID : 0x100000411 Busy State : 0x0
Service State : 0x1e
IOHDXHDDriveInKernel RegistryID : 0x100000410 Busy State : 0x0 Service State :
0x1e
KDIDiskImageNub RegistryID : 0x10000040f Busy State : 0x0 Service State : 0x1e
KDIReadWriteDiskImage RegistryID : 0x10000040d Busy State : 0x0 Service State :
0x1e
KDIRAMBackingStore RegistryID : 0x10000040b Busy State : 0x0 Service State : 0x1e
KDIURL RegistryID : 0x100000408 Busy State : 0x0 Service State : 0x1e
IOHDXController RegistryID : 0x100000120 Busy State : 0x0 Service State : 0x1e
IOResources RegistryID : 0x100000112 Busy State : 0x0 Service State : 0x1e
MacPro5,1 RegistryID : 0x10000010f Busy State : 0x1 Service State : 0x1e
Root RegistryID : 0x100000100 Busy State : 0x0 Service State : 0x0

[10:01:37.0671-GMT]{3>6} CHECKPOINT END: PATCHD:[0x054F] create_readwrite_ramdisk
ota-step-ids = {}
ota-step-names = {}
ota-step-uptime = 7
ota-step-user-progress = 10
[10:01:37.0672-GMT]{3>6} CHECKPOINT BEGIN: PATCHD:[0x0513] mount_update_volume
ota-step-ids = {0x11030513:19}
ota-step-names = {0x11030513:mount_update_volume}
ota-step-uptime = 7
ota-step-user-progress = 10
patchd: patchd_macos_block_invoke_5(648): Creating dirty exit file
ramrod-nvram-shadow-path = /mnt2/nvram.plist
executing /usr/sbin/nvram ramrod-nvram-shadow-path=/mnt2/nvram.plist
ramrod-nvram-session = 1594461690
executing /usr/sbin/nvram ramrod-nvram-session=1594461690
no NVRAM file
executing /usr/sbin/nvram ramrod-nvram-sequence=1
first sync - no file
nvram successfully persisted to the filesystem
nvram will be shadowed at the path /mnt2/nvram.plist
patchd: patchd_macos_block_invoke_5(666): freeSpace before deleting reserve file:
71955779584
patchd: patchd_macos_block_invoke_5(678): No reserve file found
patchd: patchd_macos_block_invoke_5(686): freeSpace after deleting reserve file:
71955779584
patchd: patchd_macos_block_invoke_5(694): Creating update partition folder
hierarchy
patchd: patchd_macos_block_invoke_5(698): Successfully created update partition
folder hierarchy
patchd: patchd_log_open_log_stream(86): Attempting to creating live patchd log


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/mnt2/patchd-1594461690.log
patchd: patchd_log_open_log_stream(89): Live patchd log successfully created
patchd: patchd_log_open_log_stream(92): Live patchd log successfully started
patchd: patchd_mark_log_dirty(152): Marking patchd log 1594461690 dirty
[10:01:41.0943-GMT]{3>6} CHECKPOINT END: PATCHD:[0x0513] mount_update_volume
ota-step-ids = {}
executing /usr/sbin/nvram ramrod-nvram-sequence=2
nvram successfully persisted to the filesystem
ota-step-names = {}
executing /usr/sbin/nvram ramrod-nvram-sequence=3
nvram successfully persisted to the filesystem
ota-step-uptime = 11
executing /usr/sbin/nvram ramrod-nvram-sequence=4
nvram successfully persisted to the filesystem
ota-step-user-progress = 10
executing /usr/sbin/nvram ramrod-nvram-sequence=5
nvram successfully persisted to the filesystem
[10:01:42.0037-GMT]{3>6} CHECKPOINT BEGIN: PATCHD:[0x051F]
patchd_macos_load_update_plist
ota-step-ids = {0x1103051F:20}
executing /usr/sbin/nvram ramrod-nvram-sequence=6
nvram successfully persisted to the filesystem
ota-step-names = {0x1103051F:patchd_macos_load_update_plist}
executing /usr/sbin/nvram ramrod-nvram-sequence=7
nvram successfully persisted to the filesystem
ota-step-uptime = 12
executing /usr/sbin/nvram ramrod-nvram-sequence=8
nvram successfully persisted to the filesystem
ota-step-user-progress = 10
executing /usr/sbin/nvram ramrod-nvram-sequence=9
nvram successfully persisted to the filesystem
patchd: patchd_macos_block_invoke_6(708): Loading patchd options from:
/mnt2/Update.plist
patchd: load_update_plist(88): patchd update options loaded successfully
patchd: load_update_plist(93): OTA bundle was prepared with a permanent Update
volume
patchd: load_update_plist(126): OTA update was prepared to a snapshot
patchd: load_update_plist(172): Checking for verify-system-manifest key
patchd: load_update_plist(178): verify-system-manifest key not set in options.
Using default
patchd: Will install personalized content to preboot

patchd: patchd_set_paths_from_scratch(617):
scratch_path=/System/Volumes/Update/softwareupdate.264.ICXSw6/
patchd: patchd_set_paths_from_scratch(618):
package_path=/System/Volumes/Update/softwareupdate.264.ICXSw6/source/
patchd: patchd_set_paths_from_scratch(619): rootA_path=/mnt1/
patchd: patchd_set_paths_from_scratch(620):
rootB_path=/System/Volumes/Update/softwareupdate.264.ICXSw6/target/root/
patchd: patchd_set_paths_from_scratch(621):
payload_path=/System/Volumes/Update/softwareupdate.264.ICXSw6/source/payloadv2/
patchd: patchd_set_paths_from_scratch(622):
boot_path=/System/Volumes/Update/softwareupdate.264.ICXSw6/source/boot/
patchd: patchd_macos_block_invoke_6(711): Update plist loaded (context
initialized).
[10:01:42.0136-GMT]{3>6} CHECKPOINT END: PATCHD:[0x051F]
patchd_macos_load_update_plist
ota-step-ids = {}
executing /usr/sbin/nvram ramrod-nvram-sequence=10
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nvrn successfully persisted to the filesystem
ota-step-names = {}
executing /usr/sbin/nvrn ramrod-nvrn-sequence=11
nvrn successfully persisted to the filesystem
ota-step-uptime = 12
executing /usr/sbin/nvrn ramrod-nvrn-sequence=12
nvrn successfully persisted to the filesystem
ota-step-user-progress = 10
executing /usr/sbin/nvrn ramrod-nvrn-sequence=13
nvrn successfully persisted to the filesystem
[10:01:42.0229-GMT]{3>6} CHECKPOINT BEGIN: PATCHD:[0x0529] load_info_plist
ota-step-ids = {0x11030529:21}
executing /usr/sbin/nvrn ramrod-nvrn-sequence=14
nvrn successfully persisted to the filesystem
ota-step-names = {0x11030529:load_info_plist}
executing /usr/sbin/nvrn ramrod-nvrn-sequence=15
nvrn successfully persisted to the filesystem
ota-step-uptime = 12
executing /usr/sbin/nvrn ramrod-nvrn-sequence=16
nvrn successfully persisted to the filesystem
ota-step-user-progress = 10
executing /usr/sbin/nvrn ramrod-nvrn-sequence=17
nvrn successfully persisted to the filesystem
patchd: patchd_macos_block_invoke(727): Remounting live fs...
patchd: patchd_macos_block_invoke(738): Recording trace point 37
ota-breadcrumbs = 2:
executing /usr/sbin/nvrn ota-breadcrumbs=2:
executing /usr/sbin/nvrn ramrod-nvrn-sequence=18
nvrn successfully persisted to the filesystem
ota-initial-breadcrumbs = 2:
executing /usr/sbin/nvrn ramrod-nvrn-sequence=19
nvrn successfully persisted to the filesystem
[10:01:42.0433-GMT]{3>6} CHECKPOINT END: PATCHD:[0x0529] load_info_plist
ota-step-ids = {}
executing /usr/sbin/nvrn ramrod-nvrn-sequence=20
nvrn successfully persisted to the filesystem
ota-step-names = {}
executing /usr/sbin/nvrn ramrod-nvrn-sequence=21
nvrn successfully persisted to the filesystem
ota-step-uptime = 12
executing /usr/sbin/nvrn ramrod-nvrn-sequence=22
nvrn successfully persisted to the filesystem
ota-step-user-progress = 10
executing /usr/sbin/nvrn ramrod-nvrn-sequence=23
nvrn successfully persisted to the filesystem
[10:01:42.0527-GMT]{3>6} CHECKPOINT BEGIN: PATCHD:[0x0587] mirror_package
ota-step-ids = {0x11030587:22}
executing /usr/sbin/nvrn ramrod-nvrn-sequence=24
nvrn successfully persisted to the filesystem
ota-step-names = {0x11030587:mirror_package}
executing /usr/sbin/nvrn ramrod-nvrn-sequence=25
nvrn successfully persisted to the filesystem
ota-step-uptime = 12
executing /usr/sbin/nvrn ramrod-nvrn-sequence=26
nvrn successfully persisted to the filesystem
ota-step-user-progress = 10
executing /usr/sbin/nvrn ramrod-nvrn-sequence=27
nvrn successfully persisted to the filesystem
patchd: patchd_common_mirror_update(379): Mirroring symbolic links under

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'/System/Volumes/Update/softwareupdate.264.ICXSw6/' to '/mnt5/softwareupdate'
patchd: patchd_common_mirror_update(507): Mirroring link
/mnt2/softwareupdate.264.ICXSw6/target/root -> /mnt5/softwareupdate/source/payload/
replace/
patchd: patchd_common_mirror_update(507): Mirroring link
/mnt2/softwareupdate.264.ICXSw6/source -> /mnt1/Volumes/TEST - Data/macOS Install
Data/UpdateBundle/AssetData
patchd: patchd_common_mirror_update(472): Linked
/mnt2/softwareupdate.264.ICXSw6/recovery -> /mnt5/softwareupdate/recovery
patchd: patchd_common_mirror_update(472): Linked
/mnt2/softwareupdate.264.ICXSw6/MSUPreservedBootObjects ->
/mnt5/softwareupdate/MSUPreservedBootObjects
patchd: patchd_common_mirror_update(472): Linked
/mnt2/softwareupdate.264.ICXSw6/preboot-restore-staged ->
/mnt5/softwareupdate/preboot-restore-staged
patchd: patchd_set_paths_from_scratch(617): scratch_path=/mnt5/softwareupdate/
patchd: patchd_set_paths_from_scratch(618):
package_path=/mnt5/softwareupdate/source/
patchd: patchd_set_paths_from_scratch(619): rootA_path=/mnt1/
patchd: patchd_set_paths_from_scratch(620): rootB_path=/mnt5/softwareupdate/target/
root/
patchd: patchd_set_paths_from_scratch(621):
payload_path=/mnt5/softwareupdate/source/payloadv2/
patchd: patchd_set_paths_from_scratch(622):
boot_path=/mnt5/softwareupdate/source/boot/
[10:01:42.0637-GMT]{3>6} CHECKPOINT END: PATCHD:[0x0587] mirror_package
ota-step-ids = {}
executing /usr/sbin/nvram ramrod-nvram-sequence=28
nvram successfully persisted to the filesystem
ota-step-names = {}
executing /usr/sbin/nvram ramrod-nvram-sequence=29
nvram successfully persisted to the filesystem
ota-step-uptime = 12
executing /usr/sbin/nvram ramrod-nvram-sequence=30
nvram successfully persisted to the filesystem
ota-step-user-progress = 10
executing /usr/sbin/nvram ramrod-nvram-sequence=31
nvram successfully persisted to the filesystem
[10:01:42.0731-GMT]{3>6} CHECKPOINT BEGIN: PATCHD:[0x0589] mount_data_volume
ota-step-ids = {0x11030589:23}
executing /usr/sbin/nvram ramrod-nvram-sequence=32
nvram successfully persisted to the filesystem
ota-step-names = {0x11030589:mount_data_volume}
executing /usr/sbin/nvram ramrod-nvram-sequence=33
nvram successfully persisted to the filesystem
ota-step-uptime = 12
executing /usr/sbin/nvram ramrod-nvram-sequence=34
nvram successfully persisted to the filesystem
ota-step-user-progress = 10
executing /usr/sbin/nvram ramrod-nvram-sequence=35
nvram successfully persisted to the filesystem
[10:01:43.0826-GMT]{3>6} CHECKPOINT END: PATCHD:[0x0589] mount_data_volume
ota-step-ids = {}
executing /usr/sbin/nvram ramrod-nvram-sequence=36
nvram successfully persisted to the filesystem
ota-step-names = {}
executing /usr/sbin/nvram ramrod-nvram-sequence=37
nvram successfully persisted to the filesystem
ota-step-uptime = 13
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executing /usr/sbin/nvram ramrod-nvram-sequence=38
nvram successfully persisted to the filesystem
ota-step-user-progress = 10
executing /usr/sbin/nvram ramrod-nvram-sequence=39
nvram successfully persisted to the filesystem
[10:01:43.0921-GMT]{3>6} CHECKPOINT BEGIN: PATCHD:[0x058A] patchd_macos_system_rw
ota-step-ids = {0x1103058A:24}
executing /usr/sbin/nvram ramrod-nvram-sequence=40
nvram successfully persisted to the filesystem
ota-step-names = {0x1103058A:patchd_macos_system_rw}
executing /usr/sbin/nvram ramrod-nvram-sequence=41
nvram successfully persisted to the filesystem
ota-step-uptime = 13
executing /usr/sbin/nvram ramrod-nvram-sequence=42
nvram successfully persisted to the filesystem
ota-step-user-progress = 10
executing /usr/sbin/nvram ramrod-nvram-sequence=43
nvram successfully persisted to the filesystem
patchd: patchd_common_system_rw(28): Unmounting system volume.
patchd: patchd_common_system_rw(85): Attempting to revert to snapshot:
com.apple.os.update-MSUPrepareUpdate
[10:01:45.0881-GMT]{3>6} CHECKPOINT END: PATCHD:[0x058A] patchd_macos_system_rw
ota-step-ids = {}
executing /usr/sbin/nvram ramrod-nvram-sequence=44
nvram successfully persisted to the filesystem
ota-step-names = {}
executing /usr/sbin/nvram ramrod-nvram-sequence=45
nvram successfully persisted to the filesystem
ota-step-uptime = 15
executing /usr/sbin/nvram ramrod-nvram-sequence=46
nvram successfully persisted to the filesystem
ota-step-user-progress = 10
executing /usr/sbin/nvram ramrod-nvram-sequence=47
nvram successfully persisted to the filesystem
[10:01:45.0976-GMT]{3>6} CHECKPOINT BEGIN: PATCHD:[0x0573]
patchd_macos_fixup_preboot
ota-step-ids = {0x11030573:25}
executing /usr/sbin/nvram ramrod-nvram-sequence=48
nvram successfully persisted to the filesystem
ota-step-names = {0x11030573:patchd_macos_fixup_preboot}
executing /usr/sbin/nvram ramrod-nvram-sequence=49
nvram successfully persisted to the filesystem
ota-step-uptime = 15
executing /usr/sbin/nvram ramrod-nvram-sequence=50
nvram successfully persisted to the filesystem
ota-step-user-progress = 10
executing /usr/sbin/nvram ramrod-nvram-sequence=51
nvram successfully persisted to the filesystem
patchd: patchd_macos_block_invoke_5(812): Creating required preboot folders...
patchd: patchd_macos_block_invoke_5(913): Successfully created /mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89/usr/standalone/firmware
patchd: patchd_macos_block_invoke_5(916): Copying boot files...
patchd: patchd_macos_block_invoke_5(1058): Successfully renamed staged preboot
kernel path into place:
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89/boot/System/Library/KernelCollections
patchd: patchd_macos_block_invoke_5(1058): Successfully renamed staged preboot
kernel path into place:
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89/System/Library/PrelinkedKernels
patchd: patchd_macos_block_invoke_5(1079): Install personalized manifests...

patchd: patchd_macos_block_invoke_5(1112): Copying /mnt5/softwareupdate/preboot-restore-staged -> /mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89/restore
patchd: patchd_macos_block_invoke_5(1130): Located contents to move to preboot at /mnt5/softwareupdate/MSUPreservedBootObjects/Preboot/. Moving to /mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89/
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback: CopyFile: Done copying /mnt5/softwareupdate/MSUPreservedBootObjects/Preboot/ to /mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89//
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback: CopyFile: Done copying /mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr to /mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///usr
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback: CopyFile: Done copying /mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone to /mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///usr/standalone
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback: CopyFile: Done copying /mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/OS.dmg.mtree.j160ap.im4m to /mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///usr/standalone/OS.dmg.mtree.j160ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback: CopyFile: Done copying /mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/OS.dmg.root_hash.j680ap.im4m to /mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///usr/standalone/OS.dmg.root_hash.j680ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback: CopyFile: Done copying /mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/OS.dmg.root_hash.j780ap.im4m to /mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///usr/standalone/OS.dmg.root_hash.j780ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback: CopyFile: Done copying /mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/OS.dmg.root_hash to /mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///usr/standalone/OS.dmg.root_hash
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback: CopyFile: Done copying /mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/firmware to /mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///usr/standalone/firmware
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback: CopyFile: Done copying /mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/firmware/FUD to /mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///usr/standalone/firmware/FUD
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback: CopyFile: Done copying /mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/firmware/FUD/USBCAccessoryFirmwareUpdater to /mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///usr/standalone/firmware/FUD/USBCAccessoryFirmwareUpdater
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback: CopyFile: Done copying /mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/firmware/FUD/USBCAccessoryFirmwareUpdater/HPMUtil.efi.j140kap.im4m to /mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///usr/standalone/firmware/FUD/USBCAccessoryFirmwareUpdater/HPMUtil.efi.j140kap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:

CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/firmware/FUD/
USBCAccessoryFirmwareUpdater/HPMUtil.efi.j680ap.im4m to /mnt9/21AE458F-C6BD-4C18-
8B75-1D3C91402F89///usr/standalone/firmware/FUD/USBCAccessoryFirmwareUpdater/
HPMUtil.efi.j680ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/firmware/FUD/
USBCAccessoryFirmwareUpdater/HPMUtil.efi.j780ap.im4m to /mnt9/21AE458F-C6BD-4C18-
8B75-1D3C91402F89///usr/standalone/firmware/FUD/USBCAccessoryFirmwareUpdater/
HPMUtil.efi.j780ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/firmware/FUD/
USBCAccessoryFirmwareUpdater/HPMUtil.efi.j223ap.im4m to /mnt9/21AE458F-C6BD-4C18-
8B75-1D3C91402F89///usr/standalone/firmware/FUD/USBCAccessoryFirmwareUpdater/
HPMUtil.efi.j223ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/firmware/FUD/
USBCAccessoryFirmwareUpdater/HPMUtil.efi.j215ap.im4m to /mnt9/21AE458F-C6BD-4C18-
8B75-1D3C91402F89///usr/standalone/firmware/FUD/USBCAccessoryFirmwareUpdater/
HPMUtil.efi.j215ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/firmware/FUD/
USBCAccessoryFirmwareUpdater/HPMUtil.efi.j132ap.im4m to /mnt9/21AE458F-C6BD-4C18-
8B75-1D3C91402F89///usr/standalone/firmware/FUD/USBCAccessoryFirmwareUpdater/
HPMUtil.efi.j132ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/firmware/FUD/
USBCAccessoryFirmwareUpdater/HPMUtil.efi.j140aap.im4m to /mnt9/21AE458F-C6BD-4C18-
8B75-1D3C91402F89///usr/standalone/firmware/FUD/USBCAccessoryFirmwareUpdater/
HPMUtil.efi.j140aap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/firmware/FUD/
USBCAccessoryFirmwareUpdater/HPMUtil.efi.x86legacyap.im4m to /mnt9/21AE458F-C6BD-
4C18-8B75-1D3C91402F89///usr/standalone/firmware/FUD/USBCAccessoryFirmwareUpdater/
HPMUtil.efi.x86legacyap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/firmware/FUD/
USBCAccessoryFirmwareUpdater/HPMUtil.efi.j213ap.im4m to /mnt9/21AE458F-C6BD-4C18-
8B75-1D3C91402F89///usr/standalone/firmware/FUD/USBCAccessoryFirmwareUpdater/
HPMUtil.efi.j213ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/firmware/FUD/
USBCAccessoryFirmwareUpdater/HPMUtil.efi.j174ap.im4m to /mnt9/21AE458F-C6BD-4C18-
8B75-1D3C91402F89///usr/standalone/firmware/FUD/USBCAccessoryFirmwareUpdater/
HPMUtil.efi.j174ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/firmware/FUD/
USBCAccessoryFirmwareUpdater/HPMUtil.efi.j230kap.im4m to /mnt9/21AE458F-C6BD-4C18-
8B75-1D3C91402F89///usr/standalone/firmware/FUD/USBCAccessoryFirmwareUpdater/
HPMUtil.efi.j230kap.im4m

patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/firmware/FUD/
USBAccessoryFirmwareUpdater/HPMUtil.efi.j214ap.im4m to /mnt9/21AE458F-C6BD-4C18-
8B75-1D3C91402F89///usr/standalone/firmware/FUD/USBAccessoryFirmwareUpdater/
HPMUtil.efi.j214ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/firmware/FUD/
USBAccessoryFirmwareUpdater/HPMUtil.efi.j230ap.im4m to /mnt9/21AE458F-C6BD-4C18-
8B75-1D3C91402F89///usr/standalone/firmware/FUD/USBAccessoryFirmwareUpdater/
HPMUtil.efi.j230ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/firmware/FUD/
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8B75-1D3C91402F89///usr/standalone/firmware/FUD/USBAccessoryFirmwareUpdater/
HPMUtil.efi.j137ap.im4m
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USBAccessoryFirmwareUpdater to
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MultiUpdater to
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MultiUpdater
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MultiUpdater/MultiUpdater.efi.j160ap.im4m to /mnt9/21AE458F-C6BD-4C18-8B75-
1D3C91402F89///usr/standalone/firmware/FUD/MultiUpdater/
MultiUpdater.efi.j160ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
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MultiUpdater.efi.x86legacyap.im4m
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MultiUpdater.efi.j137ap.im4m
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1D3C91402F89///usr/standalone/firmware/FUD/MultiUpdater/
MultiUpdater.efi.j214ap.im4m
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1D3C91402F89///usr/standalone/firmware/FUD/MultiUpdater/
MultiUpdater.efi.j230ap.im4m
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MultiUpdater.efi.j152fap.im4m
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MultiUpdater.efi.j213ap.im4m
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1D3C91402F89///usr/standalone/firmware/FUD/MultiUpdater/
MultiUpdater.efi.j214kap.im4m
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1D3C91402F89///usr/standalone/firmware/FUD/MultiUpdater/
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MultiUpdater.efi.j230kap.im4m
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MultiUpdater.efi.j680ap.im4m
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MultiUpdater
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OS.dmg.mtree.j230kap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///usr/standalone/OS.dmg.mtree.j230kap.im
4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
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.im4m
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.im4m
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.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
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m
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m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
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m
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4m
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boot.efi.j152fap.im4m to
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boot.efi.j780ap.im4m to
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patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
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boot.efi.j132ap.im4m to
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patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
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boot.efi.j230kap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///usr/standalone/i386/boot.efi.j230kap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
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boot.efi.j215ap.im4m to
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patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
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boot.efi.j223ap.im4m to
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patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
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boot.efi.j137ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///usr/standalone/i386/boot.efi.j137ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
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```
boot.efi.j140aap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///usr/standalone/i386/boot.efi.j140aap.i
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4m
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boot.efi.j140kap.im4m to
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m4m
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boot.efi.j230ap.im4m to
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4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
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boot.efi.j214ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///usr/standalone/i386/boot.efi.j214ap.im
4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
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boot.efi.j174ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///usr/standalone/i386/boot.efi.j174ap.im
4m
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OS.dmg.root_hash.j214kap.im4m to
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p.im4m
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OS.dmg.mtree.j174ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///usr/standalone/OS.dmg.mtree.j174ap.im4
m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
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/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/
OS.dmg.mtree.j214kap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///usr/standalone/OS.dmg.mtree.j214kap.im
4m
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/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//usr/standalone/
OS.dmg.root_hash.j213ap.im4m to
```

/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///usr/standalone/OS.dmg.root_hash.j213ap.im4m
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KernelCollections/BootKernelExtensions.kc.j214kap.im4m to /mnt9/21AE458F-C6BD-4C18-
8B75-1D3C91402F89///System/Library/KernelCollections/
BootKernelExtensions.kc.j214kap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//System/Library/
KernelCollections to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///System/Library/KernelCollections
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//System/Library to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///System/Library
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying /mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//System
to /mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///System
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware to /mnt9/21AE458F-
C6BD-4C18-8B75-1D3C91402F89///Firmware
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:

CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.mtree.j160ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.mtree.j160ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.root_hash.j174ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.root_hash.j174ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/BaseSystem.dmg.x86.trustcache.j137ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/BaseSystem.dmg.x86.trustcache.j137ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.root_hash.j214ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.root_hash.j214ap.im4m
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CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.root_hash.j140aap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.root_hash.j140aap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/x86_64SURamDisk.dmg.x86.trustcache.j140aap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/x86_64SURamDisk.dmg.x86.trustcache.j140aap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/x86_64SURamDisk.dmg.x86.trustcache.j137ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/x86_64SURamDisk.dmg.x86.trustcache.j137ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.trustcache.j230kap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.trustcache.j230kap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.root_hash.j230ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.root_hash.j230ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.mtree.j230kap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.mtree.j230kap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying

/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.trustcache.j174ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.trustcache.j174ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/x86_64SURamDisk.dmg.x86.trustcache.x86legacyap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/x86_64SURamDisk.dmg.x86.trustcache.x86legacyap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.mtree.x86legacyap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.mtree.x86legacyap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/BaseSystem.dmg.x86.trustcache.j140kap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/BaseSystem.dmg.x86.trustcache.j140kap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/x86_64SURamDisk.dmg.x86.trustcache.j160ap.im4m to
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patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.trustcache.j214ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.trustcache.j214ap.im4m
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CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/BaseSystem.dmg.x86.trustcache.j160ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/BaseSystem.dmg.x86.trustcache.j160ap.im4m
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patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
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e.j152fap.im4m to
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rustcache.j174ap.im4m to
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.j174ap.im4m
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2fap.im4m to
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cache.j174ap.im4m
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CopyFile: Done copying
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rustcache.j140aap.im4m to
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e.j160ap.im4m to
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rustcache.j214ap.im4m to
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.j230kap.im4m
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.j223ap.im4m to
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.j215ap.im4m to
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.j214kap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.root_hash.j214kap.
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x86.trustcache.j214kap.im4m to
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im4m
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CopyFile: Done copying
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.j132ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.root_hash.j132ap.i
m4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
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e.j223ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.trustcache.j223ap.
im4m

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e.j215ap.im4m to
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im4m
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/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/x86_64SURamDisk.dmg.
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/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.trustcache.j140kap
.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/BaseSystem.dmg.x86.t
rustcache.j213ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/BaseSystem.dmg.x86.trustcache
.j213ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.root_hash
.j152fap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.root_hash.j152fap.
im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/x86_64SURamDisk.dmg.
x86.trustcache.j152fap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/x86_64SURamDisk.dmg.x86.trust
cache.j152fap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.root_hash
.j780ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.root_hash.j780ap.i
m4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.root_hash
.j680ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.root_hash.j680ap.i
m4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.trustcach
e.j132ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.trustcache.j132ap.
im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/x86_64SURamDisk.dmg.
x86.trustcache.j780ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/x86_64SURamDisk.dmg.x86.trust

cache.j780ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/x86_64SURamDisk.dmg.x86.trustcache.j680ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/x86_64SURamDisk.dmg.x86.trustcache.j680ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.mtree.j132ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.mtree.j132ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.mtree.j223ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.mtree.j223ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.root_hash.j213ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.root_hash.j213ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.mtree.j140aap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.mtree.j140aap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/BaseSystem.dmg.x86.trustcache.j152fap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/BaseSystem.dmg.x86.trustcache.j152fap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/BaseSystem.dmg.x86.trustcache.j680ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/BaseSystem.dmg.x86.trustcache.j680ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.mtree.j215ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.mtree.j215ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/BaseSystem.dmg.x86.trustcache.j780ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/BaseSystem.dmg.x86.trustcache.j780ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/BaseSystem.dmg.x86.trustcache.j223ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/BaseSystem.dmg.x86.trustcache.j223ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying

/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/x86_64SURamDisk.dmg.x86.trustcache.j230kap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/x86_64SURamDisk.dmg.x86.trustcache.j230kap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.trustcache.x86legacyap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.trustcache.x86legacyap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.root_hash.j230kap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.root_hash.j230kap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/x86_64SURamDisk.dmg.x86.trustcache.j132ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/x86_64SURamDisk.dmg.x86.trustcache.j132ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.trustcache.j140aap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.trustcache.j140aap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.mtree.j780ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.mtree.j780ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/BaseSystem.dmg.x86.trustcache.j215ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/BaseSystem.dmg.x86.trustcache.j215ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.mtree.j680ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.mtree.j680ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/BaseSystem.dmg.x86.trustcache.x86legacyap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/BaseSystem.dmg.x86.trustcache.x86legacyap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/x86_64SURamDisk.dmg.x86.trustcache.j215ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/x86_64SURamDisk.dmg.x86.trustcache.j215ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/OS.dmg.x86.trustcache


```
e.j213ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/OS.dmg.x86.trustcache.j213ap.
im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/x86_64SURamDisk.dmg.
x86.trustcache.j223ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/x86_64SURamDisk.dmg.x86.trust
cache.j223ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/BaseSystem.dmg.x86.t
rustcache.j132ap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/BaseSystem.dmg.x86.trustcache
.j132ap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware/BaseSystem.dmg.x86.t
rustcache.j214kap.im4m to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89///Firmware/BaseSystem.dmg.x86.trustcache
.j214kap.im4m
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying
/mnt5/softwareupdate/MSUPreservedBootObjects/Preboot//Firmware to /mnt9/21AE458F-
C6BD-4C18-8B75-1D3C91402F89///Firmware
patchd: _patchd_macos_copyfile_callback(192): _patchd_macos_copyfile_callback:
CopyFile: Done copying /mnt5/softwareupdate/MSUPreservedBootObjects/Preboot/ to
/mnt9/21AE458F-C6BD-4C18-8B75-1D3C91402F89//
patchd: patchd_macos_block_invoke_5(1145): Moved Preboot folder stashed by booted
os to preboot volume
patchd: patchd_macos_block_invoke_5(1153): Succssssfully copied over system manifest
to preboot volume. system_manifest_path is now /mnt9/21AE458F-C6BD-4C18-8B75-
1D3C91402F89/usr/standalone/OS.dmg.mtree
patchd: patchd_macos_block_invoke_5(1165): Successfully copied over root hash to
preboot volume. system_root_hash_path is now /mnt9/21AE458F-C6BD-4C18-8B75-
1D3C91402F89/usr/standalone/OS.dmg.root_hash
patchd: patchd_macos_block_invoke_5(1175): Done copying MSUBootObjects folder
[10:01:47.0446-GMT]{3>6} CHECKPOINT END: PATCHD:[0x0573] patchd_macos_fixup_preboot
ota-step-ids = {}
executing /usr/sbin/nvram ramrod-nvram-sequence=52
nvram successfully persisted to the filesystem
ota-step-names = {}
executing /usr/sbin/nvram ramrod-nvram-sequence=53
nvram successfully persisted to the filesystem
ota-step-uptime = 17
executing /usr/sbin/nvram ramrod-nvram-sequence=54
nvram successfully persisted to the filesystem
ota-step-user-progress = 10
executing /usr/sbin/nvram ramrod-nvram-sequence=55
nvram successfully persisted to the filesystem
[10:01:47.0541-GMT]{3>6} CHECKPOINT BEGIN: PATCHD:[0x0572] patchd_fixup_system
ota-step-ids = {0x11030572:26}
executing /usr/sbin/nvram ramrod-nvram-sequence=56
nvram successfully persisted to the filesystem
ota-step-names = {0x11030572:patchd_fixup_system}
executing /usr/sbin/nvram ramrod-nvram-sequence=57
nvram successfully persisted to the filesystem
ota-step-uptime = 17
executing /usr/sbin/nvram ramrod-nvram-sequence=58
```

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nvrn successfully persisted to the filesystem
ota-step-user-progress = 10
executing /usr/sbin/nvrn ramrod-nvrn-sequence=59
nvrn successfully persisted to the filesystem
Initialized MSUMigrationHelper (system = /mnt1, data = /mnt4, update = /mnt2)
patchd: Migrating using Template Migration
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlinking
/AppleInternal -> AppleInternal
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Skipping attempt to
create missing /AppleInternal firnlink
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlinking
/Applications -> Applications
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlink is already
correct: /mnt1/Applications -> Applications
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlinking
/Library -> Library
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlink is already
correct: /mnt1/Library -> Library
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlinking
/System/Library/Caches -> System/Library/Caches
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlink is already
correct: /mnt1/System/Library/Caches -> System/Library/Caches
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlinking
/System/Library/Assets -> System/Library/Assets
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlink is already
correct: /mnt1/System/Library/Assets -> System/Library/Assets
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlinking
/System/Library/PreinstalledAssets -> System/Library/PreinstalledAssets
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlink is already
correct: /mnt1/System/Library/PreinstalledAssets ->
System/Library/PreinstalledAssets
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlinking
/System/Library/AssetsV2 -> System/Library/AssetsV2
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlink is already
correct: /mnt1/System/Library/AssetsV2 -> System/Library/AssetsV2
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlinking
/System/Library/PreinstalledAssetsV2 -> System/Library/PreinstalledAssetsV2
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlink is already
correct: /mnt1/System/Library/PreinstalledAssetsV2 ->
System/Library/PreinstalledAssetsV2
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlinking
/System/Library/CoreServices/CoreTypes.bundle/Contents/Library ->
System/Library/CoreServices/CoreTypes.bundle/Contents/Library
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlink is already
correct: /mnt1/System/Library/CoreServices/CoreTypes.bundle/Contents/Library ->
System/Library/CoreServices/CoreTypes.bundle/Contents/Library
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlinking
/System/Library/Speech -> System/Library/Speech
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlink is already
correct: /mnt1/System/Library/Speech -> System/Library/Speech
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlinking /Users
-> Users
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlink is already
correct: /mnt1/Users -> Users
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlinking
/Volumes -> Volumes
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlink is already
correct: /mnt1/Volumes -> Volumes
-[MSUMigrationHelper _createFirnlinkFromSource:toDestination:]: Firmlinking /cores
```

```

-> cores
-[MSUMigrationHelper _createFirmLinkFromSource:toDestination:]: FirmLink is already
correct: /mnt1/cores -> cores
-[MSUMigrationHelper _createFirmLinkFromSource:toDestination:]: FirmLinking /opt ->
opt
-[MSUMigrationHelper _createFirmLinkFromSource:toDestination:]: FirmLink is already
correct: /mnt1/opt -> opt
-[MSUMigrationHelper _createFirmLinkFromSource:toDestination:]: FirmLinking
/private -> private
-[MSUMigrationHelper _createFirmLinkFromSource:toDestination:]: FirmLink is already
correct: /mnt1/private -> private
-[MSUMigrationHelper _createFirmLinkFromSource:toDestination:]: FirmLinking
/usr/local -> usr/local
-[MSUMigrationHelper _createFirmLinkFromSource:toDestination:]: FirmLink is already
correct: /mnt1/usr/local -> usr/local
-[MSUMigrationHelper _createFirmLinkFromSource:toDestination:]: FirmLinking
/usr/libexec/cups -> usr/libexec/cups
-[MSUMigrationHelper _createFirmLinkFromSource:toDestination:]: FirmLink is already
correct: /mnt1/usr/libexec/cups -> usr/libexec/cups
-[MSUMigrationHelper _createFirmLinkFromSource:toDestination:]: FirmLinking
/usr/share/snmp -> usr/share/snmp
-[MSUMigrationHelper _createFirmLinkFromSource:toDestination:]: FirmLink is already
correct: /mnt1/usr/share/snmp -> usr/share/snmp
-[MSUMigrationHelper commitQueuedPackagesForBootTimeInstall]: /mnt2/boot-
install.plist doesn't exist, skippingpatchd: Writing file to path: /mnt9/21AE458F-
C6BD-4C18-8B75-1D3C91402F89
-[MSUMigrationHelper bootTimeInstallPackages]: /mnt2/boot-install.plist doesn't
existpatchd: patchd_macos_block_invoke_6(1245): Successfully obtained name of new
snapshot(com.apple.os.update-
B2BBC6F7660B49E9C4D03CEB7D5BDD876854DF64C5A249A1FE6E72CA5F59F62A)
patchd: patchd_macos_set_progress(133): Setting progress to 20.000000
patchd: patchd_macos_set_progress_with_auto_increment(170):
patchd_macos_set_progress_with_auto_increment: Configuring progress increment:
Interval: 1.000000 Increment: 0.116667
patchd: patchd_macos_set_progress(129): Progress(20.000000) is beyond requested
value(20.000000)patchd: patchd_macos_block_invoke_6(1276): Attempting to seal
system volume(if needed)
patchd: patchd_macos_seal_system_volume(272): patchd_macos_seal_system_volume:
Setting up environment for sealing system volume
patchd: patchd_macos_seal_system_volume(332): Stopping logging to unmount volumes
for sealing
patchd: patchd_log_close_log_stream(110): Live patchd log stopped

```