

Octeon2 NAND Boot
Locked 0x0000000000003480 bytes of L2
Copying code to L2
Stage 1 is 0x0000000000003430 bytes
Transferring from NAND to L2
Running from L2
Running in C code
Stage1 is located at 0x0000000000100000 - 0x0000000000113430
Searching for stage2...
Header at block 0x000000000000200, image size 0x00000000000F2240, addr 0xFFFFFFFF
FF80400000, crc 0x00000000D1ABFB0B
Starting L2 locking.
L2 locking complete
Jumping to 0xFFFFFFFF80400000...

U-Boot 2011.03 (Development build, svnversion: u-boot:103:104M, exec:131M) (Build time: May 16 2014 - 15:51:21)

Skipping PCIe port 0 BIST, reset not done. (port not configured)
Skipping PCIe port 1 BIST, in EP mode, can't tell if clocked.
BIST check passed.
DIMM 0: DDR3 UDIMM, ECC 78.A1GDF.AFG0C s/n 33628804 1.5V
MFG ID: 0x01 0x7a DRAM ID: 0x00 0x00
DIMM 1: DDR3 UDIMM, ECC 78.A1GDF.AFG0C s/n 33628804 1.5V
MFG ID: 0x01 0x7a DRAM ID: 0x00 0x00
DDR R/W leveling setting saved!
Performing simple DDR test from flash.
Pattern FFFFFFFB Writing... Reading...
Promise Vess2000 revision major:1, minor:2, serial #: M79H12718600093
OCTEON CN6635-AAP pass 1.2, Core clock: 1100 MHz, IO clock: 800 MHz, DDR clock:
667 MHz (1334 Mhz data rate)
==== Last Boot cause:0x001 ====
COLD Boot/RESET!!!
CPLD status: 0x31011606 0x000707ff 0x01001000 0x00000000 REVdate: 0x0000
Reset mgmt & RGMII port
COLD Boot?! not reset BE & EXP
===== Controller 0 =====
POH: 0x7ed4
Base DRAM address used by u-boot: 0x10f800000, size: 0x800000
DRAM: 4 GiB
Clearing DRAM.....RAIDCORE hidden memory base: 0x21000000
done
NAND: READ ID 5th: 0x54
512 MiB
PCIe: Port 0 link active, 4 lanes, speed gen2
PCIe: Port 1 in endpoint mode.
Net: current mac address:00:01:55:13:73:8d
Early init AX88796B!
ax88796b, octmgmt0, octmgmt1, octeth0, octeth1, octeth2, octeth3
Type the command 'usb start' to scan for USB storage devices.

BBU GG: T236 8268mV 0mA 4501mAh 100% 65535min
Boot delay: 0x0
Reboot Reason: 0xff
Boot:0x0 Date: 2017-11-22 Time: 7:54:33

Hit any key to stop autoboot: 0
Creating 1 MTD partitions on "nand0":
0x0000000e00000-0x00000ee00000 : "mtd=3"
UBI: attaching mtd1 to ubi0
UBI: physical eraseblock size: 131072 bytes (128 KiB)
UBI: logical eraseblock size: 129024 bytes
UBI: smallest flash I/O unit: 2048
UBI: sub-page size: 512
UBI: VID header offset: 512 (aligned 512)
UBI: data offset: 2048
UBI: attached mtd1 to ubi0
UBI: MTD device name: "mtd=3"
UBI: MTD device size: 224 MiB
UBI: number of good PEBs: 1792
UBI: number of bad PEBs: 0
UBI: max. allowed volumes: 128
UBI: wear-leveling threshold: 4096
UBI: number of internal volumes: 1
UBI: number of user volumes: 1
UBI: available PEBs: 0
UBI: total number of reserved PEBs: 1792
UBI: number of PEBs reserved for bad PEB handling: 17
UBI: max/mean erase counter: 2/1
UBIFS: mounted UBI device 0, volume 0, name "fw"
UBIFS: mounted read-only
UBIFS: file system size: 227082240 bytes (221760 KiB, 216 MiB, 1760 LEBs)
UBIFS: journal size: 11354112 bytes (11088 KiB, 10 MiB, 88 LEBs)
UBIFS: media format: w4/r0 (latest is w4/r0)
UBIFS: default compressor: LZO
UBIFS: reserved for root: 5182151 bytes (5060 KiB)
Loading file 'vmlinuz' to addr 0x08200000 with size 17511608 (0x010b34b8)...
Done
md5 for 08200000 ... 092b34b7 ==> 1ff630aece82291cc56d39888f3baa42
Loading file 'initrd.gz' to addr 0x20000000 with size 494714 (0x00078c7a)...
Done
md5 for 20000000 ... 20078c79 ==> 119381f5c21a8c312831a159195f6e28
argv[2]: numcores=6
argv[3]: mtdparts=octeon_nand0:4m(bootloader)ro,2m(bootloader-env)ro,8m(config),
224m(st1),224m(st2),32m(diag),18m(reserved)
argv[4]: rd_name=initrd
Allocating memory for ELF segment: addr: 0xffffffff80100000 (adjusted to: 0x1000
00), size 0x11d8b00
Allocated memory for ELF segment: addr: 0xffffffff80100000, size 0x11d8b00
Processing PHDR 0
Loading Linux kernel with entry point: 0xffffffff80105c70 ...
Bootloader: Done loading app on coremask: 0x3f
Starting cores 0x3f
[0.000000] Linux version 2.6.32.27-Cavium-Octeon (root@vess2k) (gcc version
4.6.1 (Cavium Networks Version: 2_2_0 build 7)) #3 SMP Fri Jul 18 19:42:04 CST
2014
[0.000000] CVMSEG size: 2 cache lines (256 bytes)
[0.000000] Cavium Networks SDK-2.2
[0.000000] bootconsole [early0] enabled
[0.000000] CPU revision is: 000d9202 (Cavium Octeon II)
[0.000000] Checking for the multiply/shift bug... no.
[0.000000] Checking for the daddiu bug... no.

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[ 0.000000] Determined physical RAM map:
[ 0.000000] memory: 0000000000fff000 @ 0000000020000000 (usable after init)
[ 0.000000] memory: 0000000000270000 @ 0000000000f40000 (usable after init)
[ 0.000000] memory: 0000000000640000 @ 0000000000130000 (usable)
[ 0.000000] memory: 00000000007c0000 @ 0000000000820000 (usable)
[ 0.000000] memory: 00000000004f00000 @ 00000000a1000000 (usable)
[ 0.000000] memory: 0000000000fff0000 @ 00000000f0010000 (usable)
[ 0.000000] memory: 0000000000f7f0000 @ 00000000100010000 (usable)
[ 0.000000] Wasting 13664 bytes for tracking 244 unused pages
[ 0.000000] Initial ramdisk at: 0xa800000020000000 (16773120 bytes)
[ 0.000000] Using passed Device Tree.
[ 0.000000] Placing 64MB software IO TLB between a800000001560000 - a80000000
5560000
[ 0.000000] software IO TLB at phys 0x1560000 - 0x5560000
[ 0.000000] Zone PFN ranges:
[ 0.000000] DMA32 0x000000f4 -> 0x0000f000
[ 0.000000] Normal 0x0000f000 -> 0x00010f80
[ 0.000000] Movable zone start PFN for each node
[ 0.000000] early_node_map[7] active PFN ranges
[ 0.000000] 0: 0x000000f4 -> 0x0000011b
[ 0.000000] 0: 0x00000130 -> 0x00000770
[ 0.000000] 0: 0x00000820 -> 0x00000fe0
[ 0.000000] 0: 0x00002000 -> 0x000020ff
[ 0.000000] 0: 0x0000a100 -> 0x0000f000
[ 0.000000] 0: 0x0000f001 -> 0x00010000
[ 0.000000] 0: 0x00010001 -> 0x00010f80
[ 0.000000] Cavium Hotplug: Available coremask 0x0
[ 0.000000] PERCPU: Embedded 1 pages/cpu @a8000000055f0000 s11648 r8192 d4569
6 u65536
[ 0.000000] pcpu-alloc: s11648 r8192 d45696 u65536 alloc=1*65536
[ 0.000000] pcpu-alloc: [0] 0 [0] 1 [0] 2 [0] 3 [0] 4 [0] 5
[ 0.000000] Built 1 zonelists in Zone order, mobility grouping on. Total pag
es: 32104
[ 0.000000] Kernel command line: bootoctlinux 0x8200000 numcores=6 mtdparts=
octeon_nand0:4m(loader)ro,2m(loader-env)ro,8m(config),224m(st1),224m(st2
),32m(diag),18m(reserved) rd_name=initrd console=ttyS0,115200
[ 0.000000] PID hash table entries: 4096 (order: -1, 32768 bytes)
[ 0.000000] Dentry cache hash table entries: 262144 (order: 5, 2097152 bytes)

[ 0.000000] Inode-cache hash table entries: 131072 (order: 4, 1048576 bytes)
[ 0.000000] Primary instruction cache 37kB, virtually tagged, 37 way, 8 sets,
linesize 128 bytes.
[ 0.000000] Primary data cache 32kB, 32-way, 8 sets, linesize 128 bytes.
[ 0.000000] Memory: 1967296k/2058496k available (6195k kernel code, 90880k re
served, 8384k data, 2496k init, 0k highmem)
[ 0.000000] Hierarchical RCU implementation.
[ 0.000000] NR_IRQS:453
[ 0.000000] Sig Wrong: 0x0 Reset Sig & log_end
[ 7.103168] Calibrating delay loop (skipped) preset value.. 2200.00 BogoMIPS
(lpj=11000000)
[ 7.111545] Security Framework initialized
[ 7.115593] Mount-cache hash table entries: 4096
[ 7.120413] Checking for the daddi bug... no.
[ 7.124831] SMP: Booting CPU01 (CoreId 1)...
[ 5.276240] CPU revision is: 000d9202 (Cavium Octeon II)
[ 7.129210] SMP: Booting CPU02 (CoreId 2)...

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[5.285920] CPU revision is: 000d9202 (Cavium Octeon II)
[7.138893] SMP: Booting CPU03 (CoreId 3)...
[5.295595] CPU revision is: 000d9202 (Cavium Octeon II)
[7.148566] SMP: Booting CPU04 (CoreId 4)...
[5.305275] CPU revision is: 000d9202 (Cavium Octeon II)
[7.158255] SMP: Booting CPU05 (CoreId 5)...
[5.314958] CPU revision is: 000d9202 (Cavium Octeon II)
[7.167842] Brought up 6 CPUs
[7.177420] NET: Registered protocol family 16
[7.182222] PCIe: Initializing port 0
[7.187713] PCIe: CPLD reset PLX8624 & FC daughter board.
[7.221783] PCIe: Port 0 link active, 4 lanes, speed gen2
[7.337034] PCIe: Port 1 not in root complex mode, skipping.
[7.372527] PCIe: Port 1 link active, 1 lanes, speed gen1
[7.383645] bio: create slab <bio-0> at 0
[7.388208] SCSI subsystem initialized
[7.392150] usbcore: registered new interface driver usbfs
[7.397610] usbcore: registered new interface driver hub
[7.402878] usbcore: registered new device driver usb
[7.498234] pci 0000:01:00.0: PME# supported from D0 D3hot D3cold
[7.519158] pci 0000:01:00.0: PME# disabled
[7.913482] pci 0000:02:01.0: PME# supported from D0 D3hot D3cold
[7.934405] pci 0000:02:01.0: PME# disabled
[8.028508] pci 0000:02:04.0: PME# supported from D0 D3hot D3cold
[8.049430] pci 0000:02:04.0: PME# disabled
[8.143537] pci 0000:02:05.0: PME# supported from D0 D3hot D3cold
[8.164461] pci 0000:02:05.0: PME# disabled
[8.258565] pci 0000:02:09.0: PME# supported from D0 D3hot D3cold
[8.279488] pci 0000:02:09.0: PME# disabled
[9.440429] pci 0000:02:01.0: PCI bridge, secondary bus 0000:03
[9.446176] pci 0000:02:01.0: IO window: 0x1000-0x1fff
[9.496481] pci 0000:02:01.0: MEM window: 0xf0100000-0xf02fffff
[9.532405] pci 0000:02:01.0: PREFETCH window: 0x0001080000000000-0x000108007fffff
[9.599811] pci 0000:02:04.0: PCI bridge, secondary bus 0000:04
[9.605555] pci 0000:02:04.0: IO window: disabled
[9.655426] pci 0000:02:04.0: MEM window: disabled
[9.690220] pci 0000:02:04.0: PREFETCH window: disabled
[9.830485] pci 0000:02:05.0: PCI bridge, secondary bus 0000:05
[9.836231] pci 0000:02:05.0: IO window: 0x2000-0x2fff
[9.886536] pci 0000:02:05.0: MEM window: 0xf0300000-0xf04fffff
[9.922460] pci 0000:02:05.0: PREFETCH window: 0x0001080080000000-0x000108009fffff
[10.049884] pci 0000:02:09.0: PCI bridge, secondary bus 0000:06
[10.055630] pci 0000:02:09.0: IO window: 0x3000-0x3fff
[10.105935] pci 0000:02:09.0: MEM window: 0xf0500000-0xf06fffff
[10.141863] pci 0000:02:09.0: PREFETCH window: 0x0001000000000000-0x000103fffff
[10.209269] pci 0000:01:00.0: PCI bridge, secondary bus 0000:02
[10.215015] pci 0000:01:00.0: IO window: 0x1000-0x3fff
[10.265319] pci 0000:01:00.0: MEM window: 0xf0000000-0xf07fffff
[10.301243] pci 0000:01:00.0: PREFETCH window: 0x0001000000000000-0x00010fffff
[10.383658] PCI: Enabling device 0000:01:00.0 (0000 -> 0003)
[10.644235] PCI: Enabling device 0000:02:01.0 (0000 -> 0003)
[11.144879] PCI: Enabling device 0000:02:05.0 (0000 -> 0003)

[11.405446] PCI: Enabling device 0000:02:09.0 (0000 -> 0003)
[11.772278] Switching to clocksource OCTEON_CVMCOUNT
[11.778194] NET: Registered protocol family 2
[11.782441] IP route cache hash table entries: 16384 (order: 1, 131072 bytes)

[11.789701] TCP established hash table entries: 65536 (order: 4, 1048576 bytes)
[11.797684] TCP bind hash table entries: 65536 (order: 4, 1048576 bytes)
[11.805048] TCP: Hash tables configured (established 65536 bind 65536)
[11.811403] TCP reno registered
[11.814694] NET: Registered protocol family 1
[11.819184] RPC: Registered udp transport module.
[11.823722] RPC: Registered tcp transport module.
[11.828400] RPC: Registered tcp NFSv4.1 backchannel transport module.
[13.202641] Trying to unpack rootfs image as initramfs...
[13.734155] Freeing initrd memory: 16380k freed
[13.741280] /proc/octeon_perf: Octeon performance counter interface loaded
[13.748093] octeon_wdt: Initial granularity 5 Sec.
[13.752904] octeon_gpio 1070000000800.gpio-controller: probed
[13.759386] VFS: Disk quotas dquot_6.5.2
[13.763241] Dquot-cache hash table entries: 8192 (order 0, 65536 bytes)
[13.770009] squashfs: version 4.0 (2009/01/31) Phillip Lougher
[13.776116] Installing knfsd (copyright (C) 1996 okir@monad.swb.de).
[13.782513] JFFS2 version 2.2. (NAND) © 2001-2006 Red Hat, Inc.
[13.788616] msgmni has been set to 3872
[13.793395] alg: No test for stdrng (krng)
[13.797335] io scheduler noop registered
[13.801229] io scheduler anticipatory registered
[13.805822] io scheduler deadline registered
[13.810119] io scheduler cfq registered (default)
[13.883748] Serial: 8250/16550 driver, 2 ports, IRQ sharing disabled
[13.894018] brd: module loaded
[13.898586] loop: module loaded
[13.901565] prom_cpldreset_init
[13.904852] USB DOM power controller init!!!
[13.911713] mdio-octeon: probed
[13.914945] mdio-octeon 1180000001800.mdio: Version 1.0
[13.920098] mdio-octeon: probed
[13.923668] mdio-octeon 1180000001900.mdio: Version 1.0
[13.928844] Intel(R) PRO/1000 Network Driver - version 7.3.21-k5-NAPI
[13.935141] Copyright (c) 1999-2006 Intel Corporation.
[13.940369] e1000e: Intel(R) PRO/1000 Network Driver - 1.0.2-k2
[13.946165] e1000e: Copyright (c) 1999-2008 Intel Corporation.
[13.952086] Ethernet Channel Bonding Driver: v3.5.0 (November 4, 2008)
[13.958500] bonding: Warning: either miimon or arp_interval and arp_ip_target module parameters must be specified, otherwise bonding will not detect link failures! see bonding.txt for details.
[13.975891] sky2 driver version 1.25
[13.998116] ASIX AX88796B Ethernet Adapter:v2.1.0 15:28:43 Jul 17 2014
[13.998121] <6> <http://www.asix.com.tw>
[14.008298] Use random MAC address
[14.011685] AX88796B: MAC ADDRESS 56 36 4d e4 2f 24
[14.016450] AX88796B: found at 0x8000000, using IRQ 88.
[14.022476] octeon_mgmt 1070000100000.ethernet: Version 2.0
[14.028080] octeon_mgmt 1070000100800.ethernet: Version 2.0
[14.033580] ehci_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver

[14.041043] octeon-ehci 16f00000000000.ehci: Octeon EHCI
[14.046139] octeon-ehci 16f00000000000.ehci: new USB bus registered, assigned
bus number 1
[14.054338] octeon-ehci 16f00000000000.ehci: irq 154, io mem 0x16f00000000000
[14.078114] octeon-ehci 16f00000000000.ehci: USB 0.0 started, EHCI 1.00
[14.084501] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002
[14.091245] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=
1
[14.098445] usb usb1: Product: Octeon EHCI
[14.102521] usb usb1: Manufacturer: Linux 2.6.32.27-Cavium-Octeon ehci_hcd
[14.109381] usb usb1: SerialNumber: octeon
[14.113683] usb usb1: configuration #1 chosen from 1 choice
[14.119208] hub 1-0:1.0: USB hub found
[14.122860] hub 1-0:1.0: 2 ports detected
[14.127122] ohci_hcd: USB 1.1 'Open' Host Controller (OHCI) Driver
[14.133177] octeon-ohci 16f00000000400.ohci: Octeon OHCI
[14.138354] octeon-ohci 16f00000000400.ohci: new USB bus registered, assigned
bus number 2
[14.146503] octeon-ohci 16f00000000400.ohci: irq 154, io mem 0x16f00000000400
[14.212146] usb usb2: New USB device found, idVendor=1d6b, idProduct=0001
[14.218772] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber=
1
[14.225963] usb usb2: Product: Octeon OHCI
[14.230047] usb usb2: Manufacturer: Linux 2.6.32.27-Cavium-Octeon ohci_hcd
[14.236900] usb usb2: SerialNumber: octeon
[14.241204] usb usb2: configuration #1 chosen from 1 choice
[14.246715] hub 2-0:1.0: USB hub found
[14.250389] hub 2-0:1.0: 2 ports detected
[14.254628] Initializing USB Mass Storage driver...
[14.259451] usbcore: registered new interface driver usb-storage
[14.265323] USB Mass Storage support registered.
[14.270035] usbcore: registered new interface driver libusual
[14.275797] i2c /dev entries driver
[14.279544] i2c-octeon 11800000001000.i2c: version 2.0
[14.287075] rtc-pcf8563 0-0051: chip found, driver version 0.4.3
[14.293138] rtc-pcf8563 0-0051: rtc core: registered rtc-pcf8563 as rtc0
[14.304463] i2c-octeon 11800000001200.i2c: version 2.0
[14.312039] device-mapper: ioctl: 4.15.0-ioclt (2009-04-01) initialised: dm-d
evel@redhat.com
[14.320806] usbcore: registered new interface driver hiddev
[14.326290] usbcore: registered new interface driver usbhid
[14.331768] usbhid: v2.6:USB HID core driver
[14.336026] oprofile: using mips/octeon performance monitoring.
[14.342123] TCP cubic registered
[14.345292] NET: Registered protocol family 10
[14.350217] NET: Registered protocol family 17
[14.354552] 802.1Q VLAN Support v1.8 Ben Greear <greearb@candelatech.com>
[14.361264] All bugs added by David S. Miller <davem@redhat.com>
[14.369006] SCTP: Hash tables configured (established 65536 bind 65536)
[14.375569] L2 lock: TLB refill 256 bytes
[14.379455] L2 lock: General exception 128 bytes
[14.384040] L2 lock: low-level interrupt 128 bytes
[14.388818] L2 lock: interrupt 640 bytes
[14.392737] L2 lock: memcpy 1152 bytes
[14.397078] 11800000000800.serial: ttyS0 at MMIO 0x11800000000800 (irq = 125) i
s a OCTEON

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[ 14.404925] console [ttyS0] enabled, bootconsole disabled
[ 14.404925] console [ttyS0] enabled, bootconsole disabled
[ 14.416233] 1180000000c00.serial: ttyS1 at MMIO 0x1180000000c00 (irq = 126) i
s a OCTEON
[ 14.424835] NAND device: Manufacturer ID: 0xec, Chip ID: 0xdc (Samsung NAND 5
12MiB 3,3V 8-bit)
[ 14.433457] Scanning device for bad blocks
[ 14.437590] Bad eraseblock 0 at 0x000000000000
[ 14.442061] Bad eraseblock 1 at 0x000000020000
[ 14.446531] Bad eraseblock 2 at 0x000000040000
[ 14.451007] Bad eraseblock 3 at 0x000000060000
[ 14.455478] Bad eraseblock 4 at 0x000000080000
[ 14.459952] Bad eraseblock 5 at 0x0000000a0000
[ 14.464423] Bad eraseblock 6 at 0x0000000c0000
[ 14.468897] Bad eraseblock 7 at 0x0000000e0000
[ 14.473368] Bad eraseblock 8 at 0x000000100000
[ 14.477844] Bad eraseblock 9 at 0x000000120000
[ 14.482314] Bad eraseblock 10 at 0x000000140000
[ 14.486872] Bad eraseblock 11 at 0x000000160000
[ 14.491433] Bad eraseblock 12 at 0x000000180000
[ 14.495991] Bad eraseblock 13 at 0x0000001a0000
[ 14.500553] Bad eraseblock 14 at 0x0000001c0000
[ 14.505110] Bad eraseblock 15 at 0x0000001e0000
[ 14.509671] Bad eraseblock 16 at 0x000000200000
[ 14.518121] usb 1-1: new high speed USB device using octeon-ehci and address
2
[ 14.622492] Bad eraseblock 3791 at 0x00001d9e0000
[ 14.631296] Bad eraseblock 3934 at 0x00001ebc0000
[ 14.640628] 7 cmdlinepart partitions found on MTD device octeon_nand0
[ 14.647069] Creating 7 MTD partitions on "octeon_nand0":
[ 14.652387] 0x000000000000-0x000000040000 : "bootloader"
[ 14.658277] 0x000000040000-0x000000060000 : "bootloader-env"
[ 14.664372] 0x000000060000-0x0000000e0000 : "config"
[ 14.669785] 0x0000000e0000-0x000000ee0000 : "st1"
[ 14.674989] 0x000000ee0000-0x000001ce0000 : "st2"
[ 14.680212] 0x000001ce0000-0x000001ee0000 : "diag"
[ 14.685446] 0x000001ee0000-0x000002000000 : "reserved"
[ 14.693638] usb 1-1: New USB device found, idVendor=1005, idProduct=b155
[ 14.700346] usb 1-1: New USB device strings: Mfr=1, Product=2, SerialNumber=3

[ 14.707486] usb 1-1: Product: USB DISK MODULE
[ 14.711845] usb 1-1: Manufacturer:
[ 14.716026] usb 1-1: SerialNumber: 19C60400C4C600E9
[ 14.721126] usb 1-1: configuration #1 chosen from 1 choice
[ 14.727003] scsi0 : SCSI emulation for USB Mass Storage devices
[ 14.847284] usb 1-2: new high speed USB device using octeon-ehci and address
3
[ 14.998650] usb 1-2: New USB device found, idVendor=05e3, idProduct=0608
[ 15.005352] usb 1-2: New USB device strings: Mfr=0, Product=1, SerialNumber=0

[ 15.012493] usb 1-2: Product: USB2.0 Hub
[ 15.016620] usb 1-2: configuration #1 chosen from 1 choice
[ 15.022517] hub 1-2:1.0: USB hub found
[ 15.026531] hub 1-2:1.0: 4 ports detected
[ 15.199735] rtc-pcf8563 0-0051: setting system clock to 2017-11-22 07:54:45 U
TC (1511337285)

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[15.208595] Freeing unused kernel memory: 2496k freed

Creating Device Nodes

Mounting FLASH scratch space

[15.507876] UBI: attaching mtd3 to ubi0
[15.511732] UBI: physical eraseblock size: 131072 bytes (128 KiB)
[15.517997] UBI: logical eraseblock size: 129024 bytes
[15.523397] UBI: smallest flash I/O unit: 2048
[15.528098] UBI: sub-page size: 512
[15.532716] UBI: VID header offset: 512 (aligned 512)
[15.538548] UBI: data offset: 2048
[15.748224] UBI: attached mtd3 to ubi0
[15.751973] UBI: MTD device name: "st1"
[15.756762] UBI: MTD device size: 224 MiB
[15.761739] UBI: number of good PEBs: 1792
[15.766441] UBI: number of bad PEBs: 0
[15.770886] UBI: max. allowed volumes: 128
[15.775501] UBI: wear-leveling threshold: 4096
[15.780205] UBI: number of internal volumes: 1
[15.784646] UBI: number of user volumes: 1
[15.789091] UBI: available PEBs: 0
[15.793532] UBI: total number of reserved PEBs: 1792
[15.798498] UBI: number of PEBs reserved for bad PEB handling: 17
[15.804590] UBI: max/mean erase counter: 2/1
[15.808860] UBI: image sequence number: 769868549
[15.813571] UBI: background thread "ubi_bgt0d" started, PID 1249
UBI device number 0, total 1792 LEBs (231211008 bytes, 220.5 MiB[15.821234] UBI: attaching mtd4 to ubi1
, available 0 LEBs (0 bytes), LEB size 129024 bytes (126.0 KiB)[15.828996] UBI: physical eraseblock size: 131072 bytes (128 KiB)

[15.840795] UBI: logical eraseblock size: 129024 bytes
[15.846356] UBI: smallest flash I/O unit: 2048
[15.851062] UBI: sub-page size: 512
[15.855677] UBI: VID header offset: 512 (aligned 512)
[15.861511] UBI: data offset: 2048
[16.071129] UBI: attached mtd4 to ubi1
[16.074878] UBI: MTD device name: "st2"
[16.079681] UBI: MTD device size: 224 MiB
[16.084644] UBI: number of good PEBs: 1792
[16.089348] UBI: number of bad PEBs: 0
[16.093790] UBI: max. allowed volumes: 128
[16.098408] UBI: wear-leveling threshold: 4096
[16.103109] UBI: number of internal volumes: 1
[16.107550] UBI: number of user volumes: 1
[16.111994] UBI: available PEBs: 0
[16.116435] UBI: total number of reserved PEBs: 1792
[16.121401] UBI: number of PEBs reserved for bad PEB handling: 17
[16.127493] UBI: max/mean erase counter: 10/1
[16.131850] UBI: image sequence number: 2044187657
[16.136648] UBI: background thread "ubi_bgt1d" started, PID 1253
UBI device number 1, total 1792 LEBs (231211008 bytes, 220.5 MiB), available 0 LEBs (0 bytes), LEB size 129024 bytes (126.0 KiB)
Mounting active.set
[16.397362] UBIFS: mounted UBI device 0, volume 0, name "fw"

[16.403031] UBIFS: mounted read-only
[16.406605] UBIFS: file system size: 227082240 bytes (221760 KiB, 216 MiB, 1760 LEBs)
[16.414612] UBIFS: journal size: 11354112 bytes (11088 KiB, 10 MiB, 88 LEBs)
[16.422185] UBIFS: media format: w4/r0 (latest is w4/r0)
[16.428017] UBIFS: default compressor: lzo
[16.432114] UBIFS: reserved for root: 4952683 bytes (4836 KiB)
Processing oem.img (Type:14 MountPt:/oem)
Processing sw.img (Type:6 MountPt:/islavista/sw)
Processing fw.img (Type:5 MountPt:/islavista/fw)
Processing usr.img (Type:26 MountPt:/islavista/usr)
Processing lib.img (Type:25 MountPt:/islavista/lib)
Processing nasapp.img (Type:34 MountPt:/nasapp)
[19.767633] scsi 0:0:0:0: Direct-Access USB DISK MODULE PMAP PQ : 0 ANSI: 0 CCS
Linking /lib
Linking /usr
[21.798757] UBIFS: un-mount UBI device 0, volume 0
...COMPLETED
[21.863023] Empty flash at 0x002845a4 ends at 0x00284800
[21.868420] jffs2_scan_inode_node(): CRC failed on node at 0x0028efd8: Read 0xffffffff, calculated 0xa133987c
[21.882171] Empty flash at 0x0028f258 ends at 0x0028f800
[21.890481] Empty flash at 0x00292d14 ends at 0x00293000
[21.898402] Empty flash at 0x00294998 ends at 0x00295000
[21.905937] Empty flash at 0x00296514 ends at 0x00296800
[21.913071] Empty flash at 0x00298198 ends at 0x00298800
...COMPLETED
WARNING
WARNING - Previous boot of (0) INCOMPLETE
WARNING

Replicating Version Files

LOADING MODULE prom_osal...[OK]
LOADING MODULE prom_hal...[OK]
LOADING MODULE prom_nvcache...[OK]
6
sda found:4 Size:15663104
128
Normal MODE!!
LOADING MODULE plog...[OK]
LOADING MODULE prom_crashinfo...[OK]
LOADING MODULE procm...[OK]
INF: Replicating (active.ver)
INF: Replicating (config.ver)
INF: Replicating (ver.0)
INF: Replicating (ver.1)
add apath.info
LOADING MODULE raid_core...[OK]
eth1 [ENABLED]
E2E INIT
LOADING MODULE plx...[OK]
LOADING MODULE be_bbm...[OK]
LOADING MODULE lsas_6G_base...[OK]

Loading BE Driver
LOADING MODULE lsas_6G_init...[OK]



