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tbs@tbs:~$ dmesg
[ 0.000000] Linux version 5.11.0-43-generic (buildd@lcy02-amd64-036) (gcc (Ubuntu 9.3.0-17ubuntu1~20.04) 9.3.0, GNU ld (GNU Binutils for Ubuntu) 2.34) #47~20.04.2-Ubuntu SMP Mon Dec 13 11:06:56 UTC 2021 (Ubuntu 5.11.0-43.47~20.04.2-generic 5.11.22)
[ 0.000000] Command line: BOOT_IMAGE=/boot/vmlinuz-5.11.0-43-generic root=/dev/mapper/vgubuntu-root ro quiet splash vt.handoff=7
[ 0.000000] KERNEL supported cpus:
[ 0.000000] Intel GenuineIntel
[ 0.000000] AMD AuthenticAMD
[ 0.000000] Hygon HygonGenuine
[ 0.000000] Centaur CentaurHauls
[ 0.000000] zhaoxin Shanghai
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x001: 'x87 floating point registers'
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x002: 'SSE registers'
[ 0.000000] x86/fpu: Supporting XSAVE feature 0x004: 'AVX registers'
[ 0.000000] x86/fpu: xstate_offset[2]: 576, xstate_sizes[2]: 256
[ 0.000000] x86/fpu: Enabled xstate features 0x7, context size is 832 bytes, using 'compacted' format.
[ 0.000000] BIOS-provided physical RAM map:
[ 0.000000] BIOS-e820: [mem 0x0000000000000000-0x0000000000009ebff] usable
[ 0.000000] BIOS-e820: [mem 0x0000000000009ec00-0x0000000000009ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x000000000000e0000-0x000000000000fffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000100000-0x0000000000009d81fff] usable
[ 0.000000] BIOS-e820: [mem 0x000000000009d82000-0x0000000000009fffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000a00000-0x00000000000a1fffff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000000a20000-0x00000000000a20afff] ACPI NVS
[ 0.000000] BIOS-e820: [mem 0x00000000000a20b000-0x00000000000affffff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000000b00000-0x00000000000b01ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000b020000-0x000000000004b346fff] usable
[ 0.000000] BIOS-e820: [mem 0x000000000004b347000-0x000000000004b6a3fff] reserved
[ 0.000000] BIOS-e820: [mem 0x000000000004b6a4000-0x000000000004b707fff] ACPI data
[ 0.000000] BIOS-e820: [mem 0x000000000004b708000-0x000000000004ce06fff] ACPI NVS
[ 0.000000] BIOS-e820: [mem 0x000000000004ce07000-0x000000000004ddfefff] reserved
[ 0.000000] BIOS-e820: [mem 0x000000000004ddff000-0x000000000004effffff] usable
[ 0.000000] BIOS-e820: [mem 0x000000000004f000000-0x00000000000cfffffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000f000000-0x00000000000f7fffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000fd100000-0x00000000000fd1fffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000fea00000-0x00000000000fea0ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000feb80000-0x00000000000fec01fff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000fec10000-0x00000000000fec10fff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000fec30000-0x00000000000fec30fff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000fed00000-0x00000000000fed00fff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000fed40000-0x00000000000fed44fff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000fed80000-0x00000000000fed8ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000fedc2000-0x00000000000fedcffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000fedd4000-0x00000000000fedd5fff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000ff000000-0x00000000000fffffff] reserved
[ 0.000000] BIOS-e820: [mem 0x0000000000010000000-0x0000000000042f33fff] usable
[ 0.000000] BIOS-e820: [mem 0x0000000000042f340000-0x0000000000042fffff] reserved
[ 0.000000] NX (Execute Disable) protection: active
[ 0.000000] SMBIOS 2.8 present.
[ 0.000000] DMI: Micro-Star International Co., Ltd MS-7B86/B450-A PRO MAX (MS-7B86), BIOS M.B0 12/03/2020
[ 0.000000] tsc: Fast TSC calibration using PIT
[ 0.000000] tsc: Detected 3600.426 MHz processor
[ 0.000485] e820: update [mem 0x00000000-0x00000fff] usable ==> reserved
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[0.000487] e820: remove [mem 0x000a0000-0x000fffff] usable
[0.000494] last_pfn = 0x42f340 max_arch_pfn = 0x400000000
[0.000499] MTRR default type: uncachable
[0.000500] MTRR fixed ranges enabled:
[0.000501] 00000-9FFFF write-back
[0.000502] A0000-BFFFF write-through
[0.000504] C0000-FFFFFF write-protect
[0.000505] MTRR variable ranges enabled:
[0.000505] 0 base 000000000000 mask FFFF80000000 write-back
[0.000507] 1 base 000080000000 mask FFFFC0000000 write-back
[0.000509] 2 base 0000C0000000 mask FFFFF0000000 write-back
[0.000510] 3 disabled
[0.000511] 4 disabled
[0.000512] 5 disabled
[0.000512] 6 disabled
[0.000513] 7 disabled
[0.000513] TOM2: 0000000430000000 aka 17152M
[0.000714] x86/PAT: Configuration [0-7]: WB WC UC- UC WB WP UC- WT
[0.000951] e820: update [mem 0xd0000000-0xffffffff] usable ==> reserved
[0.000959] last_pfn = 0x4f000 max_arch_pfn = 0x400000000
[0.004574] check: Scanning 1 areas for low memory corruption
[0.004583] Using GB pages for direct mapping
[0.005153] RAMDISK: [mem 0x308f5000-0x34471fff]
[0.005160] ACPI: Early table checksum verification disabled
[0.005163] ACPI: RSDP 0x000000000000F05B0 000024 (v02 ALASKA)
[0.005167] ACPI: XSDT 0x0000000004CDEF728 0000BC (v01 ALASKA A M I 01072009 AMI 01000013)
[0.005173] ACPI: FACP 0x0000000004B6FC000 000114 (v06 ALASKA A M I 01072009 AMI 00010013)
[0.005178] ACPI: DSDT 0x0000000004B6F4000 007150 (v02 ALASKA A M I 01072009 INTL 20120913)
[0.005181] ACPI: FACS 0x0000000004CDEA000 000040
[0.005183] ACPI: SSDT 0x0000000004B702000 005419 (v02 AMD MYRTLE 00000002 MSFT 04000000)
[0.005187] ACPI: SSDT 0x0000000004B6FE000 003BA2 (v01 AMD AMD AOD 00000001 INTL 20120913)
[0.005190] ACPI: SSDT 0x0000000004B6FD000 000060 (v02 ALASKA CPUSSDT 01072009 AMI 01072009)
[0.005193] ACPI: FIDT 0x0000000004B6F3000 00009C (v01 ALASKA A M I 01072009 AMI 00010013)
[0.005196] ACPI: MCFG 0x0000000004B6F2000 00003C (v01 ALASKA A M I 01072009 MSFT 00010013)
[0.005198] ACPI: HPET 0x0000000004B6F1000 000038 (v01 ALASKA A M I 01072009 AMI 00000005)
[0.005201] ACPI: IVRS 0x0000000004B6F0000 0000D0 (v02 AMD AmdTable 00000001 AMD 00000000)
[0.005204] ACPI: SSDT 0x0000000004B6EF000 000854 (v02 AMD AmdTable 00000001 AMD 00000001)
[0.005207] ACPI: CRAT 0x0000000004B6EE000 000810 (v01 AMD AmdTable 00000001 AMD 00000001)
[0.005210] ACPI: CDIT 0x0000000004B6ED000 000029 (v01 AMD AmdTable 00000001 AMD 00000001)
[0.005213] ACPI: SSDT 0x0000000004B6EB000 000D53 (v01 AMD MYRTLEG2 00000001 INTL 20120913)
[0.005216] ACPI: SSDT 0x0000000004B6E9000 0010A5 (v01 AMD MYRTLEPX 00000001 INTL 20120913)
[0.005219] ACPI: SSDT 0x0000000004B6E5000 0034A4 (v01 AMD MYRTLE 00000001 INTL 20120913)
[0.005222] ACPI: SSDT 0x0000000004B6E4000 0000BF (v01 AMD AmdTable 00001000 INTL 20120913)
[0.005225] ACPI: WSMT 0x0000000004B6E3000 000028 (v01 ALASKA A M I 01072009 AMI 00010013)
[0.005227] ACPI: APIC 0x0000000004B6E2000 00015E (v03 ALASKA A M I 01072009 AMI 00010013)
[0.005230] ACPI: SSDT 0x0000000004B6E0000 0010AF (v01 AMD MYRTLE 00000001 INTL 20120913)
[0.005233] ACPI: FPDТ 0x0000000004B6DF000 000044 (v01 ALASKA A M I 01072009 AMI 01000013)
[0.005236] ACPI: Reserving FACP table memory at [mem 0x4b6fc000-0x4b6fc113]
[0.005237] ACPI: Reserving DSDT table memory at [mem 0x4b6f4000-0x4b6fb14f]
[0.005238] ACPI: Reserving FACS table memory at [mem 0x4cdea000-0x4cdea03f]
[0.005239] ACPI: Reserving SSDT table memory at [mem 0x4b702000-0x4b707418]
[0.005240] ACPI: Reserving SSDT table memory at [mem 0x4b6fe000-0x4b701ba1]
[0.005241] ACPI: Reserving SSDT table memory at [mem 0x4b6fd000-0x4b6fd05f]
[0.005242] ACPI: Reserving FIDT table memory at [mem 0x4b6f3000-0x4b6f309b]
[0.005243] ACPI: Reserving MCFG table memory at [mem 0x4b6f2000-0x4b6f203b]

[0.005244] ACPI: Reserving HPET table memory at [mem 0x4b6f1000-0x4b6f1037]
[0.005245] ACPI: Reserving IVRS table memory at [mem 0x4b6f0000-0x4b6f00cf]
[0.005246] ACPI: Reserving SSDT table memory at [mem 0x4b6ef000-0x4b6ef853]
[0.005246] ACPI: Reserving CRAT table memory at [mem 0x4b6ee000-0x4b6ee80f]
[0.005247] ACPI: Reserving CDIT table memory at [mem 0x4b6ed000-0x4b6ed028]
[0.005248] ACPI: Reserving SSDT table memory at [mem 0x4b6eb000-0x4b6ebd52]
[0.005249] ACPI: Reserving SSDT table memory at [mem 0x4b6e9000-0x4b6ea0a4]
[0.005250] ACPI: Reserving SSDT table memory at [mem 0x4b6e5000-0x4b6e84a3]
[0.005251] ACPI: Reserving SSDT table memory at [mem 0x4b6e4000-0x4b6e40be]
[0.005252] ACPI: Reserving WSMT table memory at [mem 0x4b6e3000-0x4b6e3027]
[0.005252] ACPI: Reserving APIC table memory at [mem 0x4b6e2000-0x4b6e215d]
[0.005253] ACPI: Reserving SSDT table memory at [mem 0x4b6e0000-0x4b6e10ae]
[0.005254] ACPI: Reserving FPDt table memory at [mem 0x4b6df000-0x4b6df043]
[0.005267] ACPI: Local APIC address 0xfe00000
[0.005372] No NUMA configuration found
[0.005373] Faking a node at [mem 0x0000000000000000-0x000000042f33ffff]
[0.005380] NODE_DATA(0) allocated [mem 0x42f316000-0x42f33ffff]
[0.005619] Zone ranges:
[0.005619] DMA [mem 0x0000000000001000-0x0000000000ffffffffff]
[0.005621] DMA32 [mem 0x00000000001000000-0x0000000000ffffffffff]
[0.005622] Normal [mem 0x00000000100000000-0x0000000042f33ffff]
[0.005624] Device empty
[0.005625] Movable zone start for each node
[0.005628] Early memory node ranges
[0.005628] node 0: [mem 0x0000000000001000-0x000000000009dffff]
[0.005629] node 0: [mem 0x0000000000100000-0x00000000009d81fff]
[0.005630] node 0: [mem 0x0000000000a000000-0x0000000000a1ffffffffff]
[0.005631] node 0: [mem 0x0000000000a20b000-0x0000000000affffffffffff]
[0.005632] node 0: [mem 0x0000000000b020000-0x00000000004b346ffff]
[0.005633] node 0: [mem 0x00000000004ddff000-0x00000000004effffffffffff]
[0.005634] node 0: [mem 0x00000000100000000-0x0000000042f33ffff]
[0.005636] Initmem setup node 0 [mem 0x0000000000001000-0x0000000042f33ffff]
[0.005637] On node 0 totalpages: 3650940
[0.005638] DMA zone: 64 pages used for memmap
[0.005639] DMA zone: 21 pages reserved
[0.005640] DMA zone: 3997 pages, LIFO batch:0
[0.005641] DMA32 zone: 4811 pages used for memmap
[0.005642] DMA32 zone: 307871 pages, LIFO batch:63
[0.005643] Normal zone: 52173 pages used for memmap
[0.005644] Normal zone: 3339072 pages, LIFO batch:63
[0.005646] On node 0, zone DMA: 1 pages in unavailable ranges
[0.005663] On node 0, zone DMA: 98 pages in unavailable ranges
[0.005826] On node 0, zone DMA32: 638 pages in unavailable ranges
[0.005844] On node 0, zone DMA32: 11 pages in unavailable ranges
[0.007998] On node 0, zone DMA32: 32 pages in unavailable ranges
[0.008146] On node 0, zone DMA32: 10936 pages in unavailable ranges
[0.035671] On node 0, zone Normal: 4096 pages in unavailable ranges
[0.035704] On node 0, zone Normal: 3264 pages in unavailable ranges
[0.035833] ACPI: PM-Timer IO Port: 0x808
[0.035836] ACPI: Local APIC address 0xfe00000
[0.035843] ACPI: LAPIC_NMI (acpi_id[0xff] high edge lint[0x1])
[0.035858] IOAPIC[0]: apic_id 5, version 33, address 0xfec00000, GSI 0-23
[0.035865] IOAPIC[1]: apic_id 6, version 33, address 0xfec01000, GSI 24-55
[0.035868] ACPI: INT_SRC_OVR (bus 0 bus_irq 0 global_irq 2 dfl dfl)
[0.035869] ACPI: INT_SRC_OVR (bus 0 bus_irq 9 global_irq 9 low level)

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[ 0.035871] ACPI: IRQ0 used by override.
[ 0.035872] ACPI: IRQ9 used by override.
[ 0.035874] Using ACPI (MADT) for SMP configuration information
[ 0.035875] ACPI: HPET id: 0x10228201 base: 0xfed00000
[ 0.035880] smpboot: Allowing 32 CPUs, 28 hotplug CPUs
[ 0.035907] PM: hibernation: Registered nosave memory: [mem 0x00000000-0x00000fff]
[ 0.035909] PM: hibernation: Registered nosave memory: [mem 0x0009e000-0x0009efff]
[ 0.035910] PM: hibernation: Registered nosave memory: [mem 0x0009f000-0x0009ffff]
[ 0.035911] PM: hibernation: Registered nosave memory: [mem 0x000a0000-0x000dffff]
[ 0.035912] PM: hibernation: Registered nosave memory: [mem 0x000e0000-0x000fffff]
[ 0.035914] PM: hibernation: Registered nosave memory: [mem 0x09d82000-0x09ffffff]
[ 0.035915] PM: hibernation: Registered nosave memory: [mem 0x0a200000-0x0a20afff]
[ 0.035917] PM: hibernation: Registered nosave memory: [mem 0x0b000000-0x0b01ffff]
[ 0.035919] PM: hibernation: Registered nosave memory: [mem 0x4b347000-0x4b6a3fff]
[ 0.035920] PM: hibernation: Registered nosave memory: [mem 0x4b6a4000-0x4b707fff]
[ 0.035920] PM: hibernation: Registered nosave memory: [mem 0x4b708000-0x4ce06fff]
[ 0.035921] PM: hibernation: Registered nosave memory: [mem 0x4ce07000-0x4ddfefff]
[ 0.035923] PM: hibernation: Registered nosave memory: [mem 0x4f000000-0xcfffffff]
[ 0.035923] PM: hibernation: Registered nosave memory: [mem 0xd0000000-0xffffffff]
[ 0.035924] PM: hibernation: Registered nosave memory: [mem 0xf0000000-0xf7ffffff]
[ 0.035925] PM: hibernation: Registered nosave memory: [mem 0xf8000000-0xfd0fffff]
[ 0.035926] PM: hibernation: Registered nosave memory: [mem 0xfd100000-0xfd1fffff]
[ 0.035926] PM: hibernation: Registered nosave memory: [mem 0xfd200000-0xfe9fffff]
[ 0.035927] PM: hibernation: Registered nosave memory: [mem 0xfea00000-0xfea0ffff]
[ 0.035928] PM: hibernation: Registered nosave memory: [mem 0xfea10000-0xfeb7ffff]
[ 0.035929] PM: hibernation: Registered nosave memory: [mem 0xfeb80000-0xfec01fff]
[ 0.035929] PM: hibernation: Registered nosave memory: [mem 0xfec02000-0xfec0ffff]
[ 0.035930] PM: hibernation: Registered nosave memory: [mem 0xfec10000-0xfec10fff]
[ 0.035931] PM: hibernation: Registered nosave memory: [mem 0xfec11000-0xfec2ffff]
[ 0.035932] PM: hibernation: Registered nosave memory: [mem 0xfec30000-0xfec30fff]
[ 0.035932] PM: hibernation: Registered nosave memory: [mem 0xfec31000-0xfecfffff]
[ 0.035933] PM: hibernation: Registered nosave memory: [mem 0xfed00000-0xfed00fff]
[ 0.035934] PM: hibernation: Registered nosave memory: [mem 0xfed01000-0xfed3ffff]
[ 0.035935] PM: hibernation: Registered nosave memory: [mem 0xfed40000-0xfed44fff]
[ 0.035935] PM: hibernation: Registered nosave memory: [mem 0xfed45000-0xfed7ffff]
[ 0.035936] PM: hibernation: Registered nosave memory: [mem 0xfed80000-0xfed8ffff]
[ 0.035937] PM: hibernation: Registered nosave memory: [mem 0xfed90000-0xfedc1fff]
[ 0.035938] PM: hibernation: Registered nosave memory: [mem 0xfedc2000-0xfedcffff]
[ 0.035938] PM: hibernation: Registered nosave memory: [mem 0xfedd0000-0xfedd3fff]
[ 0.035939] PM: hibernation: Registered nosave memory: [mem 0xfedd4000-0xfedd5fff]
[ 0.035940] PM: hibernation: Registered nosave memory: [mem 0xfedd6000-0xfeffffff]
[ 0.035941] PM: hibernation: Registered nosave memory: [mem 0xff000000-0xffffffff]
[ 0.035942] [mem 0xd0000000-0xffffffff] available for PCI devices
[ 0.035944] Booting paravirtualized kernel on bare hardware
[ 0.035947] clocksource: refined-jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns: 7645519600211568
ns
[ 0.035953] setup_percpu: NR_CPUS:8192 nr_cpumask_bits:32 nr_cpu_ids:32 nr_node_ids:1
[ 0.037582] percpu: Embedded 56 pages/cpu s192512 r8192 d28672 u262144
[ 0.037593] pcpu-alloc: s192512 r8192 d28672 u262144 alloc=1*2097152
[ 0.037596] pcpu-alloc: [0] 00 01 02 03 04 05 06 07 [0] 08 09 10 11 12 13 14 15
[ 0.037606] pcpu-alloc: [0] 16 17 18 19 20 21 22 23 [0] 24 25 26 27 28 29 30 31
[ 0.037647] Built 1 zonelists, mobility grouping on. Total pages: 3593871
[ 0.037649] Policy zone: Normal
[ 0.037650] Kernel command line: BOOT_IMAGE=/boot/vmlinuz-5.11.0-43-generic root=/dev/mapper/vgubuntu-
root ro quiet splash vt.handoff=7

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[ 0.039376] Dentry cache hash table entries: 2097152 (order: 12, 16777216 bytes, linear)
[ 0.040245] Inode-cache hash table entries: 1048576 (order: 11, 8388608 bytes, linear)
[ 0.040340] mem auto-init: stack:off, heap alloc:on, heap free:off
[ 0.072006] Memory: 14174196K/14603760K available (14345K kernel code, 3481K rwddata, 10348K rodata, 268
8K init, 5976K bss, 429304K reserved, 0K cma-reserved)
[ 0.072015] random: get_random_u64 called from __kmem_cache_create+0x2d/0x430 with crng_init=0
[ 0.072171] SLUB: HWalign=64, Order=0-3, MinObjects=0, CPUs=32, Nodes=1
[ 0.072187] ftrace: allocating 48714 entries in 191 pages
[ 0.084987] ftrace: allocated 191 pages with 7 groups
[ 0.085171] rcu: Hierarchical RCU implementation.
[ 0.085172] rcu: RCU restricting CPUs from NR_CPUS=8192 to nr_cpu_ids=32.
[ 0.085173] Rude variant of Tasks RCU enabled.
[ 0.085174] Tracing variant of Tasks RCU enabled.
[ 0.085175] rcu: RCU calculated value of scheduler-enlistment delay is 25 jiffies.
[ 0.085175] rcu: Adjusting geometry for rcu_fanout_leaf=16, nr_cpu_ids=32
[ 0.087826] NR_IRQS: 524544, nr_irqs: 1224, preallocated irq: 16
[ 0.088205] random: crng done (trusting CPU's manufacturer)
[ 0.088249] spurious 8259A interrupt: IRQ7.
[ 0.088260] vt handoff: transparent VT on vt#7
[ 0.088264] Console: colour dummy device 80x25
[ 0.088276] printk: console [tty0] enabled
[ 0.088310] ACPI: Core revision 20201113
[ 0.088462] clocksource: hpet: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns: 133484873504 ns
[ 0.088487] APIC: Switch to symmetric I/O mode setup
[ 0.089631] Switched APIC routing to physical flat.
[ 0.090428] ..TIMER: vector=0x30 apic1=0 pin1=2 apic2=-1 pin2=-1
[ 0.108491] clocksource: tsc-early: mask: 0xffffffffffffffff max_cycles: 0x33e5e6069d3, max_idle_ns: 440795290
220 ns
[ 0.108499] Calibrating delay loop (skipped), value calculated using timer frequency.. 7200.85 BogoMIPS (lpj=14
401704)
[ 0.108502] pid_max: default: 32768 minimum: 301
[ 0.108562] LSM: Security Framework initializing
[ 0.108576] Yama: becoming mindful.
[ 0.108610] AppArmor: AppArmor initialized
[ 0.108692] Mount-cache hash table entries: 32768 (order: 6, 262144 bytes, linear)
[ 0.108732] Mountpoint-cache hash table entries: 32768 (order: 6, 262144 bytes, linear)
[ 0.109188] LVT offset 1 assigned for vector 0xf9
[ 0.109269] LVT offset 2 assigned for vector 0xf4
[ 0.109291] Last level iTLB entries: 4KB 1024, 2MB 1024, 4MB 512
[ 0.109292] Last level dTLB entries: 4KB 1536, 2MB 1536, 4MB 768, 1GB 0
[ 0.109297] Spectre V1 : Mitigation: usercopy/swaps barriers and __user pointer sanitization
[ 0.109299] Spectre V2 : Mitigation: Full AMD retpoline
[ 0.109300] Spectre V2 : Spectre v2 / SpectreRSB mitigation: Filling RSB on context switch
[ 0.109302] Spectre V2 : mitigation: Enabling conditional Indirect Branch Prediction Barrier
[ 0.109303] Speculative Store Bypass: Mitigation: Speculative Store Bypass disabled via prctl and seccomp
[ 0.109604] Freeing SMP alternatives memory: 40K
[ 0.221867] smpboot: CPU0: AMD Ryzen 3 3200G with Radeon Vega Graphics (family: 0x17, model: 0x18, step
ping: 0x1)
[ 0.222022] Performance Events: Fam17h+ core perfctr, AMD PMU driver.
[ 0.222026] ... version: 0
[ 0.222027] ... bit width: 48
[ 0.222027] ... generic registers: 6
[ 0.222028] ... value mask: 0000ffffffffffff
[ 0.222028] ... max period: 00007fffffffffff
[ 0.222029] ... fixed-purpose events: 0

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[0.222030] ... event mask: 0000000000000003f
[0.222090] rcu: Hierarchical SRCU implementation.
[0.222415] NMI watchdog: Enabled. Permanently consumes one hw-PMU counter.
[0.222627] smp: Bringing up secondary CPUs ...
[0.222703] x86: Booting SMP configuration:
[0.222703] node #0, CPUs: #1
[0.004436] __common_interrupt: 1.55 No irq handler for vector
[0.224495] #2
[0.004436] __common_interrupt: 2.55 No irq handler for vector
[0.224572] #3
[0.004436] __common_interrupt: 3.55 No irq handler for vector
[0.226715] smp: Brought up 1 node, 4 CPUs
[0.226715] smpboot: Max logical packages: 8
[0.226715] smpboot: Total of 4 processors activated (28803.40 BogoMIPS)
[0.228977] devtmpfs: initialized
[0.228977] x86/mm: Memory block size: 128MB
[0.229245] PM: Registering ACPI NVS region [mem 0x0a200000-0x0a20afff] (45056 bytes)
[0.229245] PM: Registering ACPI NVS region [mem 0x4b708000-0x4ce06fff] (24113152 bytes)
[0.229245] clocksource: jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns: 7645041785100000 ns
[0.229245] futex hash table entries: 8192 (order: 7, 524288 bytes, linear)
[0.229245] pinctrl core: initialized pinctrl subsystem
[0.229245] PM: RTC time: 17:57:14, date: 2021-12-29
[0.229245] NET: Registered protocol family 16
[0.229316] DMA: preallocated 2048 KiB GFP_KERNEL pool for atomic allocations
[0.229536] DMA: preallocated 2048 KiB GFP_KERNEL|GFP_DMA pool for atomic allocations
[0.229748] DMA: preallocated 2048 KiB GFP_KERNEL|GFP_DMA32 pool for atomic allocations
[0.229763] audit: initializing netlink subsys (disabled)
[0.229777] audit: type=2000 audit(1640800634.140:1): state=initialized audit_enabled=0 res=1
[0.229777] thermal_sys: Registered thermal governor 'fair_share'
[0.229777] thermal_sys: Registered thermal governor 'bang_bang'
[0.229777] thermal_sys: Registered thermal governor 'step_wise'
[0.229777] thermal_sys: Registered thermal governor 'user_space'
[0.229777] thermal_sys: Registered thermal governor 'power_allocator'
[0.229777] EISA bus registered
[0.229777] cpuidle: using governor ladder
[0.229777] cpuidle: using governor menu
[0.229777] ACPI: bus type PCI registered
[0.229777] acpiphp: ACPI Hot Plug PCI Controller Driver version: 0.5
[0.229777] PCI: MMCONFIG for domain 0000 [bus 00-7f] at [mem 0xf0000000-0xf7ffffff] (base 0xf0000000)
[0.229777] PCI: MMCONFIG at [mem 0xf0000000-0xf7ffffff] reserved in E820
[0.229777] PCI: Using configuration type 1 for base access
[0.229777] mtrr: your CPUs had inconsistent variable MTRR settings
[0.229777] mtrr: probably your BIOS does not setup all CPUs.
[0.229777] mtrr: corrected configuration.
[0.232707] Kprobes globally optimized
[0.232710] HugeTLB registered 1.00 GiB page size, pre-allocated 0 pages
[0.232710] HugeTLB registered 2.00 MiB page size, pre-allocated 0 pages
[0.232710] ACPI: Added _OSI(Module Device)
[0.232710] ACPI: Added _OSI(Processor Device)
[0.232710] ACPI: Added _OSI(3.0 _SCP Extensions)
[0.232710] ACPI: Added _OSI(Processor Aggregator Device)
[0.232710] ACPI: Added _OSI(Linux-Dell-Video)
[0.232710] ACPI: Added _OSI(Linux-Lenovo-NV-HDMI-Audio)
[0.232710] ACPI: Added _OSI(Linux-HPI-Hybrid-Graphics)
[0.243784] ACPI: 10 ACPI AML tables successfully acquired and loaded

[0.244929] ACPI: [Firmware Bug]: BIOS _OSI(Linux) query ignored
[0.247007] ACPI: Interpreter enabled
[0.247021] ACPI: (supports S0 S3 S4 S5)
[0.247022] ACPI: Using IOAPIC for interrupt routing
[0.247352] PCI: Using host bridge windows from ACPI; if necessary, use "pci=nocrs" and report a bug
[0.247791] ACPI: Enabled 2 GPEs in block 00 to 1F
[0.256099] ACPI: PCI Root Bridge [PCI0] (domain 0000 [bus 00-ff])
[0.256105] acpi PNP0A08:00: _OSC: OS supports [ExtendedConfig ASPM ClockPM Segments MSI HPX-Type3]
[0.256278] acpi PNP0A08:00: _OSC: platform does not support [SHPCHotplug PME LTR]
[0.256443] acpi PNP0A08:00: _OSC: OS now controls [PCIeHotplug AER PCIeCapability]
[0.256453] acpi PNP0A08:00: [Firmware Info]: MMCONFIG for domain 0000 [bus 00-7f] only partially covers this bridge
[0.256757] PCI host bridge to bus 0000:00
[0.256760] pci_bus 0000:00: root bus resource [bus 00-ff]
[0.256761] pci_bus 0000:00: root bus resource [io 0x0000-0x0cf7 window]
[0.256763] pci_bus 0000:00: root bus resource [io 0x0d00-0xffff window]
[0.256764] pci_bus 0000:00: root bus resource [mem 0x000a0000-0x000dffff window]
[0.256765] pci_bus 0000:00: root bus resource [mem 0xd0000000-0xfec2ffff window]
[0.256766] pci_bus 0000:00: root bus resource [mem 0xfe000000-0xffffffff window]
[0.256777] pci 0000:00:00.0: [1022:15d0] type 00 class 0x060000
[0.256883] pci 0000:00:00.2: [1022:15d1] type 00 class 0x080600
[0.256999] pci 0000:00:01.0: [1022:1452] type 00 class 0x060000
[0.257085] pci 0000:00:01.2: [1022:15d3] type 01 class 0x060400
[0.257117] pci 0000:00:01.2: enabling Extended Tags
[0.257161] pci 0000:00:01.2: PME# supported from D0 D3hot D3cold
[0.257262] pci 0000:00:01.6: [1022:15d3] type 01 class 0x060400
[0.257336] pci 0000:00:01.6: PME# supported from D0 D3hot D3cold
[0.257434] pci 0000:00:08.0: [1022:1452] type 00 class 0x060000
[0.257518] pci 0000:00:08.1: [1022:15db] type 01 class 0x060400
[0.257551] pci 0000:00:08.1: enabling Extended Tags
[0.257589] pci 0000:00:08.1: PME# supported from D0 D3hot D3cold
[0.257694] pci 0000:00:14.0: [1022:790b] type 00 class 0x0c0500
[0.257830] pci 0000:00:14.3: [1022:790e] type 00 class 0x060100
[0.257975] pci 0000:00:18.0: [1022:15e8] type 00 class 0x060000
[0.258021] pci 0000:00:18.1: [1022:15e9] type 00 class 0x060000
[0.258065] pci 0000:00:18.2: [1022:15ea] type 00 class 0x060000
[0.258109] pci 0000:00:18.3: [1022:15eb] type 00 class 0x060000
[0.258153] pci 0000:00:18.4: [1022:15ec] type 00 class 0x060000
[0.258199] pci 0000:00:18.5: [1022:15ed] type 00 class 0x060000
[0.258244] pci 0000:00:18.6: [1022:15ee] type 00 class 0x060000
[0.258287] pci 0000:00:18.7: [1022:15ef] type 00 class 0x060000
[0.258410] pci 0000:12:00.0: [1022:43d5] type 00 class 0x0c0330
[0.258428] pci 0000:12:00.0: reg 0x10: [mem 0xfcea0000-0xfcea7fff 64bit]
[0.258468] pci 0000:12:00.0: enabling Extended Tags
[0.258523] pci 0000:12:00.0: PME# supported from D3hot D3cold
[0.258624] pci 0000:12:00.1: [1022:43c8] type 00 class 0x010601
[0.258669] pci 0000:12:00.1: reg 0x24: [mem 0xfce80000-0xfce9ffff]
[0.258677] pci 0000:12:00.1: reg 0x30: [mem 0xfce00000-0xfce7ffff pref]
[0.258684] pci 0000:12:00.1: enabling Extended Tags
[0.258723] pci 0000:12:00.1: PME# supported from D3hot D3cold
[0.258790] pci 0000:12:00.2: [1022:43c6] type 01 class 0x060400
[0.258833] pci 0000:12:00.2: enabling Extended Tags
[0.258877] pci 0000:12:00.2: PME# supported from D3hot D3cold
[0.258970] pci 0000:00:01.2: PCI bridge to [bus 12-28]

[0.258975] pci 0000:00:01.2: bridge window [io 0xf000-0xffff]
[0.258977] pci 0000:00:01.2: bridge window [mem 0xfcc00000-0xfcefffff]
[0.259074] pci 0000:20:00.0: [1022:43c7] type 01 class 0x060400
[0.259120] pci 0000:20:00.0: enabling Extended Tags
[0.259176] pci 0000:20:00.0: PME# supported from D3hot D3cold
[0.259272] pci 0000:20:01.0: [1022:43c7] type 01 class 0x060400
[0.259319] pci 0000:20:01.0: enabling Extended Tags
[0.259375] pci 0000:20:01.0: PME# supported from D3hot D3cold
[0.259475] pci 0000:20:04.0: [1022:43c7] type 01 class 0x060400
[0.259521] pci 0000:20:04.0: enabling Extended Tags
[0.259578] pci 0000:20:04.0: PME# supported from D3hot D3cold
[0.259671] pci 0000:20:05.0: [1022:43c7] type 01 class 0x060400
[0.259718] pci 0000:20:05.0: enabling Extended Tags
[0.259774] pci 0000:20:05.0: PME# supported from D3hot D3cold
[0.259867] pci 0000:20:06.0: [1022:43c7] type 01 class 0x060400
[0.259914] pci 0000:20:06.0: enabling Extended Tags
[0.259970] pci 0000:20:06.0: PME# supported from D3hot D3cold
[0.260068] pci 0000:20:07.0: [1022:43c7] type 01 class 0x060400
[0.260114] pci 0000:20:07.0: enabling Extended Tags
[0.260170] pci 0000:20:07.0: PME# supported from D3hot D3cold
[0.260276] pci 0000:12:00.2: PCI bridge to [bus 20-28]
[0.260281] pci 0000:12:00.2: bridge window [io 0xf000-0xffff]
[0.260284] pci 0000:12:00.2: bridge window [mem 0xfcc00000-0xfcdfffff]
[0.260326] pci 0000:20:00.0: PCI bridge to [bus 21]
[0.260416] pci 0000:22:00.0: [10ec:8168] type 00 class 0x020000
[0.260444] pci 0000:22:00.0: reg 0x10: [io 0xf000-0xf0ff]
[0.260481] pci 0000:22:00.0: reg 0x18: [mem 0xfcd04000-0xfcd04fff 64bit]
[0.260507] pci 0000:22:00.0: reg 0x20: [mem 0xfcd00000-0xfcd03fff 64bit]
[0.260656] pci 0000:22:00.0: supports D1 D2
[0.260657] pci 0000:22:00.0: PME# supported from D0 D1 D2 D3hot D3cold
[0.260834] pci 0000:20:01.0: PCI bridge to [bus 22]
[0.260839] pci 0000:20:01.0: bridge window [io 0xf000-0xffff]
[0.260842] pci 0000:20:01.0: bridge window [mem 0xfcd00000-0xfcdfffff]
[0.260886] pci 0000:20:04.0: PCI bridge to [bus 25]
[0.260929] pci 0000:20:05.0: PCI bridge to [bus 26]
[0.261001] pci 0000:27:00.0: [544d:6178] type 00 class 0x048000
[0.261032] pci 0000:27:00.0: reg 0x10: [mem 0xfcc00000-0xfcc3ffff]
[0.261315] pci 0000:20:06.0: PCI bridge to [bus 27]
[0.261321] pci 0000:20:06.0: bridge window [mem 0xfcc00000-0xfccfffff]
[0.261358] pci 0000:20:07.0: PCI bridge to [bus 28]
[0.261475] pci 0000:29:00.0: [1987:5012] type 00 class 0x010802
[0.261519] pci 0000:29:00.0: reg 0x10: [mem 0xfcf00000-0xfcf03fff 64bit]
[0.261969] pci 0000:00:01.6: PCI bridge to [bus 29]
[0.261975] pci 0000:00:01.6: bridge window [mem 0xfcf00000-0xfcffffff]
[0.262072] pci 0000:2a:00.0: [1002:15d8] type 00 class 0x030000
[0.262089] pci 0000:2a:00.0: reg 0x10: [mem 0xd0000000-0xdfffffff 64bit pref]
[0.262100] pci 0000:2a:00.0: reg 0x18: [mem 0xe0000000-0xe01fffff 64bit pref]
[0.262107] pci 0000:2a:00.0: reg 0x20: [io 0xe000-0xe0ff]
[0.262115] pci 0000:2a:00.0: reg 0x24: [mem 0xfcb00000-0xfcb7ffff]
[0.262127] pci 0000:2a:00.0: enabling Extended Tags
[0.262197] pci 0000:2a:00.0: PME# supported from D1 D2 D3hot D3cold
[0.262305] pci 0000:2a:00.1: [1002:15de] type 00 class 0x040300
[0.262318] pci 0000:2a:00.1: reg 0x10: [mem 0xfcb80000-0xfcb83fff]
[0.262361] pci 0000:2a:00.1: enabling Extended Tags
[0.262403] pci 0000:2a:00.1: PME# supported from D1 D2 D3hot D3cold

[0.262470] pci 0000:2a:00.2: [1022:15df] type 00 class 0x108000
[0.262495] pci 0000:2a:00.2: reg 0x18: [mem 0xfca00000-0xfcafffff]
[0.262514] pci 0000:2a:00.2: reg 0x24: [mem 0xfcb84000-0xfcb85fff]
[0.262526] pci 0000:2a:00.2: enabling Extended Tags
[0.262641] pci 0000:2a:00.3: [1022:15e0] type 00 class 0x0c0330
[0.262657] pci 0000:2a:00.3: reg 0x10: [mem 0xfc900000-0xfc9fffff 64bit]
[0.262693] pci 0000:2a:00.3: enabling Extended Tags
[0.262739] pci 0000:2a:00.3: PME# supported from D0 D3hot D3cold
[0.262816] pci 0000:2a:00.4: [1022:15e1] type 00 class 0x0c0330
[0.262833] pci 0000:2a:00.4: reg 0x10: [mem 0xfc800000-0xfc8fffff 64bit]
[0.262869] pci 0000:2a:00.4: enabling Extended Tags
[0.262915] pci 0000:2a:00.4: PME# supported from D0 D3hot D3cold
[0.263004] pci 0000:00:08.1: PCI bridge to [bus 2a]
[0.263008] pci 0000:00:08.1: bridge window [io 0xe000-0xefff]
[0.263010] pci 0000:00:08.1: bridge window [mem 0xfc800000-0xfcbfffff]
[0.263014] pci 0000:00:08.1: bridge window [mem 0xd0000000-0xe01fffff 64bit pref]
[0.263617] ACPI: PCI Interrupt Link [LNKA] (IRQs 4 5 7 10 11 14 15) *0
[0.263673] ACPI: PCI Interrupt Link [LNKB] (IRQs 4 5 7 10 11 14 15) *0
[0.263723] ACPI: PCI Interrupt Link [LNKC] (IRQs 4 5 7 10 11 14 15) *0
[0.263784] ACPI: PCI Interrupt Link [LNKD] (IRQs 4 5 7 10 11 14 15) *0
[0.263843] ACPI: PCI Interrupt Link [LNKE] (IRQs 4 5 7 10 11 14 15) *0
[0.263889] ACPI: PCI Interrupt Link [LNKF] (IRQs 4 5 7 10 11 14 15) *0
[0.263934] ACPI: PCI Interrupt Link [LNKG] (IRQs 4 5 7 10 11 14 15) *0
[0.263979] ACPI: PCI Interrupt Link [LNKH] (IRQs 4 5 7 10 11 14 15) *0
[0.266393] iommu: Default domain type: Translated
[0.266393] SCSI subsystem initialized
[0.266393] libata version 3.00 loaded.
[0.266393] pci 0000:2a:00.0: vgaarb: setting as boot VGA device
[0.266393] pci 0000:2a:00.0: vgaarb: VGA device added: decodes=io+mem,owns=io+mem,locks=none
[0.266393] pci 0000:2a:00.0: vgaarb: bridge control possible
[0.266393] vgaarb: loaded
[0.266393] ACPI: bus type USB registered
[0.266393] usbcore: registered new interface driver usbfs
[0.266393] usbcore: registered new interface driver hub
[0.266393] usbcore: registered new device driver usb
[0.266393] pps_core: LinuxPPS API ver. 1 registered
[0.266393] pps_core: Software ver. 5.3.6 - Copyright 2005-2007 Rodolfo Giometti <giometti@linux.it>
[0.266393] PTP clock support registered
[0.266393] EDAC MC: Ver: 3.0.0
[0.266393] NetLabel: Initializing
[0.266393] NetLabel: domain hash size = 128
[0.266393] NetLabel: protocols = UNLABELED CIPSOv4 CALIPSO
[0.266393] NetLabel: unlabeled traffic allowed by default
[0.266393] PCI: Using ACPI for IRQ routing
[0.271612] PCI: pci_cache_line_size set to 64 bytes
[0.271689] e820: reserve RAM buffer [mem 0x0009ec00-0x0009ffff]
[0.271691] e820: reserve RAM buffer [mem 0x09d82000-0x0bffffff]
[0.271692] e820: reserve RAM buffer [mem 0x0a200000-0x0bffffff]
[0.271693] e820: reserve RAM buffer [mem 0x0b000000-0x0bffffff]
[0.271693] e820: reserve RAM buffer [mem 0x4b347000-0x4bffffff]
[0.271694] e820: reserve RAM buffer [mem 0x4f000000-0x4ffffff]
[0.271695] e820: reserve RAM buffer [mem 0x42f340000-0x42ffffff]
[0.271698] hpet0: at MMIO 0xfed00000, IRQs 2, 8, 0
[0.271698] hpet0: 3 comparators, 32-bit 14.318180 MHz counter
[0.274546] clocksource: Switched to clocksource tsc-early

[0.279698] VFS: Disk quotas dquot_6.6.0
[0.279720] VFS: Dquot-cache hash table entries: 512 (order 0, 4096 bytes)
[0.279825] AppArmor: AppArmor Filesystem Enabled
[0.279855] pnp: PnP ACPI init
[0.279989] system 00:00: [mem 0xf0000000-0xf7ffffff] has been reserved
[0.279995] system 00:00: Plug and Play ACPI device, IDs PNP0c01 (active)
[0.280054] system 00:01: [mem 0x50000000-0xcfffffff window] has been reserved
[0.280058] system 00:01: Plug and Play ACPI device, IDs PNP0c02 (active)
[0.280179] pnp 00:02: Plug and Play ACPI device, IDs PNP0b00 (active)
[0.280356] system 00:03: [io 0x0a00-0x0a0f] has been reserved
[0.280358] system 00:03: [io 0x0a10-0x0a1f] has been reserved
[0.280359] system 00:03: [io 0x0a20-0x0a2f] has been reserved
[0.280362] system 00:03: [io 0x0a30-0x0a3f] has been reserved
[0.280365] system 00:03: Plug and Play ACPI device, IDs PNP0c02 (active)
[0.280681] pnp 00:04: [dma 0 disabled]
[0.280782] pnp 00:04: Plug and Play ACPI device, IDs PNP0400 (active)
[0.281037] pnp 00:05: [dma 0 disabled]
[0.281065] pnp 00:05: Plug and Play ACPI device, IDs PNP0501 (active)
[0.281262] system 00:06: [io 0x04d0-0x04d1] has been reserved
[0.281263] system 00:06: [io 0x040b] has been reserved
[0.281265] system 00:06: [io 0x04d6] has been reserved
[0.281266] system 00:06: [io 0x0c00-0x0c01] has been reserved
[0.281267] system 00:06: [io 0x0c14] has been reserved
[0.281268] system 00:06: [io 0x0c50-0x0c51] has been reserved
[0.281269] system 00:06: [io 0x0c52] has been reserved
[0.281270] system 00:06: [io 0x0c6c] has been reserved
[0.281271] system 00:06: [io 0x0c6f] has been reserved
[0.281272] system 00:06: [io 0x0cd0-0x0cd1] has been reserved
[0.281273] system 00:06: [io 0x0cd2-0x0cd3] has been reserved
[0.281274] system 00:06: [io 0x0cd4-0x0cd5] has been reserved
[0.281275] system 00:06: [io 0x0cd6-0x0cd7] has been reserved
[0.281276] system 00:06: [io 0x0cd8-0x0cdf] has been reserved
[0.281277] system 00:06: [io 0x0800-0x089f] has been reserved
[0.281278] system 00:06: [io 0x0b00-0x0b0f] has been reserved
[0.281279] system 00:06: [io 0x0b20-0x0b3f] has been reserved
[0.281280] system 00:06: [io 0x0900-0x090f] has been reserved
[0.281281] system 00:06: [io 0x0910-0x091f] has been reserved
[0.281283] system 00:06: [mem 0xfec00000-0xfec00fff] could not be reserved
[0.281284] system 00:06: [mem 0xfec01000-0xfec01fff] could not be reserved
[0.281285] system 00:06: [mem 0xfedc0000-0xfedc0fff] has been reserved
[0.281286] system 00:06: [mem 0xfef00000-0xfef00fff] has been reserved
[0.281288] system 00:06: [mem 0xfed80000-0xfed8ffff] could not be reserved
[0.281289] system 00:06: [mem 0xfec10000-0xfec10fff] has been reserved
[0.281290] system 00:06: [mem 0xff000000-0xffffffff] has been reserved
[0.281293] system 00:06: Plug and Play ACPI device, IDs PNP0c02 (active)
[0.281826] pnp: PnP ACPI: found 7 devices
[0.287418] clocksource: acpi_pm: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns: 2085701024 ns
[0.287469] NET: Registered protocol family 2
[0.287692] IP idents hash table entries: 262144 (order: 9, 2097152 bytes, linear)
[0.289325] tcp_listen_portaddr_hash hash table entries: 8192 (order: 5, 131072 bytes, linear)
[0.289443] TCP established hash table entries: 131072 (order: 8, 1048576 bytes, linear)
[0.289645] TCP bind hash table entries: 65536 (order: 8, 1048576 bytes, linear)
[0.289715] TCP: Hash tables configured (established 131072 bind 65536)
[0.289823] MPTCP token hash table entries: 16384 (order: 6, 393216 bytes, linear)
[0.289873] UDP hash table entries: 8192 (order: 6, 262144 bytes, linear)

[0.289918] UDP-Lite hash table entries: 8192 (order: 6, 262144 bytes, linear)
[0.290011] NET: Registered protocol family 1
[0.290016] NET: Registered protocol family 44
[0.290037] pci 0000:20:00.0: PCI bridge to [bus 21]
[0.290049] pci 0000:20:01.0: PCI bridge to [bus 22]
[0.290052] pci 0000:20:01.0: bridge window [io 0xf000-0xffff]
[0.290056] pci 0000:20:01.0: bridge window [mem 0xfcd00000-0xfcdfffff]
[0.290063] pci 0000:20:04.0: PCI bridge to [bus 25]
[0.290073] pci 0000:20:05.0: PCI bridge to [bus 26]
[0.290083] pci 0000:20:06.0: PCI bridge to [bus 27]
[0.290086] pci 0000:20:06.0: bridge window [mem 0xfcc00000-0xfccfffff]
[0.290093] pci 0000:20:07.0: PCI bridge to [bus 28]
[0.290103] pci 0000:12:00.2: PCI bridge to [bus 20-28]
[0.290104] pci 0000:12:00.2: bridge window [io 0xf000-0xffff]
[0.290108] pci 0000:12:00.2: bridge window [mem 0xfcc00000-0xfcdfffff]
[0.290114] pci 0000:00:01.2: PCI bridge to [bus 12-28]
[0.290116] pci 0000:00:01.2: bridge window [io 0xf000-0xffff]
[0.290119] pci 0000:00:01.2: bridge window [mem 0xfcc00000-0xfcefffff]
[0.290125] pci 0000:00:01.6: PCI bridge to [bus 29]
[0.290128] pci 0000:00:01.6: bridge window [mem 0xfcf00000-0xfcffffff]
[0.290134] pci 0000:00:08.1: PCI bridge to [bus 2a]
[0.290140] pci 0000:00:08.1: bridge window [io 0xe000-0xefff]
[0.290143] pci 0000:00:08.1: bridge window [mem 0xfc800000-0xfcbfffff]
[0.290146] pci 0000:00:08.1: bridge window [mem 0xd0000000-0xe01fffff 64bit pref]
[0.290151] pci_bus 0000:00: resource 4 [io 0x0000-0x0cf7 window]
[0.290152] pci_bus 0000:00: resource 5 [io 0x0d00-0xffff window]
[0.290154] pci_bus 0000:00: resource 6 [mem 0x000a0000-0x000dffff window]
[0.290155] pci_bus 0000:00: resource 7 [mem 0xd0000000-0xfec2ffff window]
[0.290156] pci_bus 0000:00: resource 8 [mem 0xfe000000-0xffffffff window]
[0.290157] pci_bus 0000:12: resource 0 [io 0xf000-0xffff]
[0.290167] pci_bus 0000:12: resource 1 [mem 0xfcc00000-0xfcefffff]
[0.290168] pci_bus 0000:20: resource 0 [io 0xf000-0xffff]
[0.290169] pci_bus 0000:20: resource 1 [mem 0xfcc00000-0xfcdfffff]
[0.290170] pci_bus 0000:22: resource 0 [io 0xf000-0xffff]
[0.290171] pci_bus 0000:22: resource 1 [mem 0xfcd00000-0xfcdfffff]
[0.290173] pci_bus 0000:27: resource 1 [mem 0xfcc00000-0xfccfffff]
[0.290174] pci_bus 0000:29: resource 1 [mem 0xfcf00000-0xfcffffff]
[0.290175] pci_bus 0000:2a: resource 0 [io 0xe000-0xefff]
[0.290176] pci_bus 0000:2a: resource 1 [mem 0xfc800000-0xfcbfffff]
[0.290177] pci_bus 0000:2a: resource 2 [mem 0xd0000000-0xe01fffff 64bit pref]
[0.290472] pci 0000:2a:00.0: Video device with shadowed ROM at [mem 0x000c0000-0x000dffff]
[0.290495] pci 0000:2a:00.1: D0 power state depends on 0000:2a:00.0
[0.290511] pci 0000:2a:00.3: extending delay after power-on from D3hot to 20 msec
[0.290675] pci 0000:2a:00.4: extending delay after power-on from D3hot to 20 msec
[0.290762] PCI: CLS 64 bytes, default 64
[0.290803] Trying to unpack rootfs image as initramfs...
[0.406082] Freeing initrd memory: 60916K
[0.406149] pci 0000:00:00.2: AMD-Vi: IOMMU performance counters supported
[0.406242] pci 0000:00:00.2: can't derive routing for PCI INT A
[0.406244] pci 0000:00:00.2: PCI INT A: not connected
[0.406278] pci 0000:00:01.0: Adding to iommu group 0
[0.406285] pci 0000:00:01.2: Adding to iommu group 0
[0.406292] pci 0000:00:01.6: Adding to iommu group 0
[0.406307] pci 0000:00:08.0: Adding to iommu group 1
[0.406315] pci 0000:00:08.1: Adding to iommu group 1

[0.406328] pci 0000:00:14.0: Adding to iommu group 2
[0.406334] pci 0000:00:14.3: Adding to iommu group 2
[0.406364] pci 0000:00:18.0: Adding to iommu group 3
[0.406371] pci 0000:00:18.1: Adding to iommu group 3
[0.406378] pci 0000:00:18.2: Adding to iommu group 3
[0.406385] pci 0000:00:18.3: Adding to iommu group 3
[0.406392] pci 0000:00:18.4: Adding to iommu group 3
[0.406398] pci 0000:00:18.5: Adding to iommu group 3
[0.406405] pci 0000:00:18.6: Adding to iommu group 3
[0.406412] pci 0000:00:18.7: Adding to iommu group 3
[0.406415] pci 0000:12:00.0: Adding to iommu group 0
[0.406419] pci 0000:12:00.1: Adding to iommu group 0
[0.406426] pci 0000:12:00.2: Adding to iommu group 0
[0.406429] pci 0000:20:00.0: Adding to iommu group 0
[0.406433] pci 0000:20:01.0: Adding to iommu group 0
[0.406436] pci 0000:20:04.0: Adding to iommu group 0
[0.406439] pci 0000:20:05.0: Adding to iommu group 0
[0.406443] pci 0000:20:06.0: Adding to iommu group 0
[0.406446] pci 0000:20:07.0: Adding to iommu group 0
[0.406449] pci 0000:22:00.0: Adding to iommu group 0
[0.406453] pci 0000:27:00.0: Adding to iommu group 0
[0.406457] pci 0000:29:00.0: Adding to iommu group 0
[0.406478] pci 0000:2a:00.0: Adding to iommu group 1
[0.406482] pci 0000:2a:00.1: Adding to iommu group 1
[0.406485] pci 0000:2a:00.2: Adding to iommu group 1
[0.406488] pci 0000:2a:00.3: Adding to iommu group 1
[0.406491] pci 0000:2a:00.4: Adding to iommu group 1
[0.407816] pci 0000:00:00.2: AMD-Vi: Found IOMMU cap 0x40
[0.407820] AMD-Vi: Extended features (0x4f77ef22294ada): PPR NX GT IA GA PC GA_vAPIC
[0.407826] AMD-Vi: Interrupt remapping enabled
[0.407826] AMD-Vi: Virtual APIC enabled
[0.407992] AMD-Vi: Lazy IO/TLB flushing enabled
[0.407993] PCI-DMA: Using software bounce buffering for IO (SWIOTLB)
[0.407994] software IO TLB: mapped [mem 0x0000000047347000-0x000000004b347000] (64MB)
[0.408041] amd_uncore: 4 amd_df counters detected
[0.408052] amd_uncore: 6 amd_l3 counters detected
[0.408204] perf/amd_iommu: Detected AMD IOMMU #0 (2 banks, 4 counters/bank).
[0.408250] check: Scanning for low memory corruption every 60 seconds
[0.408758] Initialise system trusted keyrings
[0.408773] Key type blacklist registered
[0.408842] workingset: timestamp_bits=36 max_order=22 bucket_order=0
[0.409595] zbud: loaded
[0.409808] squashfs: version 4.0 (2009/01/31) Phillip Lougher
[0.409967] fuse: init (API version 7.33)
[0.410117] integrity: Platform Keyring initialized
[0.417988] Key type asymmetric registered
[0.417989] Asymmetric key parser 'x509' registered
[0.417997] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 243)
[0.418108] io scheduler mq-deadline registered
[0.420098] shpchp: Standard Hot Plug PCI Controller Driver version: 0.4
[0.420134] vesafb: mode is 1920x1080x32, linelength=7680, pages=0
[0.420135] vesafb: scrolling: redraw
[0.420136] vesafb: Truecolor: size=0:8:8:8, shift=0:16:8:0
[0.420162] vesafb: framebuffer at 0xd0000000, mapped to 0x0000000074b5d6b3, using 8128k, total 8128k
[0.420206] fbcon: Deferring console take-over

[0.420207] fb0: VESA VGA frame buffer device
[0.420303] input: Power Button as /devices/LNXSYSTM:00/LNXXSYBUS:00/PNP0C0C:00/input/input0
[0.420317] ACPI: Power Button [PWRB]
[0.420340] input: Power Button as /devices/LNXSYSTM:00/LNXPWRBN:00/input/input1
[0.420366] ACPI: Power Button [PWRF]
[0.420400] Monitor-Mwait will be used to enter C-1 state
[0.420403] ACPI: _PR_.C000: Found 2 idle states
[0.420474] ACPI: _PR_.C001: Found 2 idle states
[0.420560] ACPI: _PR_.C002: Found 2 idle states
[0.420653] ACPI: _PR_.C003: Found 2 idle states
[0.420875] Serial: 8250/16550 driver, 32 ports, IRQ sharing enabled
[0.442051] 00:05: ttyS0 at I/O 0x3f8 (irq = 4, base_baud = 115200) is a 16550A
[0.444240] Linux agpgart interface v0.103
[0.574717] loop: module loaded
[0.575291] libphy: Fixed MDIO Bus: probed
[0.575294] tun: Universal TUN/TAP device driver, 1.6
[0.575345] PPP generic driver version 2.4.2
[0.575431] VFIO - User Level meta-driver version: 0.3
[0.575576] ehci_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver
[0.575582] ehci-pci: EHCI PCI platform driver
[0.575605] ehci-platform: EHCI generic platform driver
[0.575618] ohci_hcd: USB 1.1 'Open' Host Controller (OHCI) Driver
[0.575620] ohci-pci: OHCI PCI platform driver
[0.575633] ohci-platform: OHCI generic platform driver
[0.575644] uhci_hcd: USB Universal Host Controller Interface driver
[0.575706] i8042: PNP: No PS/2 controller found.
[0.575789] mousedev: PS/2 mouse device common for all mice
[0.575932] rtc_cmos 00:02: RTC can wake from S4
[0.576170] rtc_cmos 00:02: registered as rtc0
[0.576236] rtc_cmos 00:02: setting system clock to 2021-12-29T17:57:14 UTC (1640800634)
[0.576252] rtc_cmos 00:02: alarms up to one month, y3k, 114 bytes nvram, hpet irqs
[0.576259] i2c /dev entries driver
[0.576293] device-mapper: uevent: version 1.0.3
[0.576339] device-mapper: ioctl: 4.43.0-ioclt (2020-10-01) initialised: dm-devel@redhat.com
[0.576354] platform eisa.0: Probing EISA bus 0
[0.576356] platform eisa.0: EISA: Cannot allocate resource for mainboard
[0.576357] platform eisa.0: Cannot allocate resource for EISA slot 1
[0.576359] platform eisa.0: Cannot allocate resource for EISA slot 2
[0.576360] platform eisa.0: Cannot allocate resource for EISA slot 3
[0.576361] platform eisa.0: Cannot allocate resource for EISA slot 4
[0.576362] platform eisa.0: Cannot allocate resource for EISA slot 5
[0.576363] platform eisa.0: Cannot allocate resource for EISA slot 6
[0.576364] platform eisa.0: Cannot allocate resource for EISA slot 7
[0.576365] platform eisa.0: Cannot allocate resource for EISA slot 8
[0.576366] platform eisa.0: EISA: Detected 0 cards
[0.576421] ledtrig-cpu: registered to indicate activity on CPUs
[0.576502] drop_monitor: Initializing network drop monitor service
[0.576636] NET: Registered protocol family 10
[0.581150] Segment Routing with IPv6
[0.581173] NET: Registered protocol family 17
[0.581211] Key type dns_resolver registered
[0.581531] microcode: CPU0: patch_level=0x08108109
[0.581536] microcode: CPU1: patch_level=0x08108109
[0.581548] microcode: CPU2: patch_level=0x08108109
[0.581553] microcode: CPU3: patch_level=0x08108109

[0.581574] microcode: Microcode Update Driver: v2.2.
[0.581578] IPI shorthand broadcast: enabled
[0.581588] sched_clock: Marking stable (581135691, 436142)->(585353703, -3781870)
[0.581652] registered taskstats version 1
[0.581663] Loading compiled-in X.509 certificates
[0.582264] Loaded X.509 cert 'Build time autogenerated kernel key: fc2fd0dc8068b95531af063bdcd4f8c2769622b5'
[0.582792] Loaded X.509 cert 'Canonical Ltd. Live Patch Signing: 14df34d1a87cf37625abec039ef2bf521249b969'
[0.583312] Loaded X.509 cert 'Canonical Ltd. Kernel Module Signing: 88f752e560a1e0737e31163a466ad7b70a850c19'
[0.583313] blacklist: Loading compiled-in revocation X.509 certificates
[0.583332] Loaded X.509 cert 'Canonical Ltd. Secure Boot Signing: 61482aa2830d0ab2ad5af10b7250da9033ddcef0'
[0.584340] zswap: loaded using pool lzo/zbud
[0.584544] Key type ._fscrypt registered
[0.584546] Key type .fscrypt registered
[0.584547] Key type fscrypt-provisioning registered
[0.587268] Key type encrypted registered
[0.587270] AppArmor: AppArmor sha1 policy hashing enabled
[0.587276] ima: No TPM chip found, activating TPM-bypass!
[0.587279] ima: Allocated hash algorithm: sha1
[0.587287] ima: No architecture policies found
[0.587293] evm: Initialising EVM extended attributes:
[0.587294] evm: security.selinux
[0.587294] evm: security.SMACK64
[0.587295] evm: security.SMACK64EXEC
[0.587295] evm: security.SMACK64TRANSMUTE
[0.587296] evm: security.SMACK64MMAP
[0.587296] evm: security.apparmor
[0.587297] evm: security.ima
[0.587298] evm: security.capability
[0.587298] evm: HMAC attrs: 0x1
[0.587619] PM: Magic number: 1:464:998
[0.587662] system 00:00: hash matches
[0.587936] acpi_cpufreq: overriding BIOS provided _PSD data
[0.588349] RAS: Correctable Errors collector initialized.
[0.589358] Freeing unused decrypted memory: 2036K
[0.589670] Freeing unused kernel image (initmem) memory: 2688K
[0.606627] Write protecting the kernel read-only data: 28672k
[0.607345] Freeing unused kernel image (text/rodata gap) memory: 2036K
[0.607612] Freeing unused kernel image (rodata/data gap) memory: 1940K
[0.645476] x86/mm: Checked W+X mappings: passed, no W+X pages found.
[0.645484] Run /init as init process
[0.645485] with arguments:
[0.645487] /init
[0.645487] splash
[0.645488] with environment:
[0.645489] HOME=/
[0.645489] TERM=linux
[0.645490] BOOT_IMAGE=/boot/vmlinuz-5.11.0-43-generic
[0.734997] ACPI: Video Device [VGA1] (multi-head: yes rom: no post: no)
[0.737397] acpi device:10: registered as cooling_device4
[0.737437] input: Video Bus as /devices/LNXSYSTM:00/LNXSYBUS:00/PNP0A08:00/device:0f/LNXVIDEO:01/input/input2

[0.738703] acpi PNP0C14:02: duplicate WMI GUID 05901221-D566-11D1-B2F0-00A0C9062910 (first instance was on PNP0C14:01)

[0.743205] xhci_hcd 0000:12:00.0: xHCI Host Controller

[0.743212] xhci_hcd 0000:12:00.0: new USB bus registered, assigned bus number 1

[0.743715] ahci 0000:12:00.1: version 3.0

[0.743848] ahci 0000:12:00.1: SSS flag set, parallel bus scan disabled

[0.743885] ahci 0000:12:00.1: AHCI 0001.0301 32 slots 8 ports 6 Gbps 0x33 impl SATA mode

[0.743888] ahci 0000:12:00.1: flags: 64bit ncq sntf stag pm led clo only pmp pio slum part sxs deso sadm sds apst

[0.760428] scsi host0: ahci

[0.760564] scsi host1: ahci

[0.760667] scsi host2: ahci

[0.760763] scsi host3: ahci

[0.780455] scsi host4: ahci

[0.783837] scsi host5: ahci

[0.785135] scsi host6: ahci

[0.785294] scsi host7: ahci

[0.785337] ata1: SATA max UDMA/133 abar m131072@0xfce80000 port 0xfce80100 irq 40

[0.785341] ata2: SATA max UDMA/133 abar m131072@0xfce80000 port 0xfce80180 irq 40

[0.785342] ata3: DUMMY

[0.785343] ata4: DUMMY

[0.785345] ata5: SATA max UDMA/133 abar m131072@0xfce80000 port 0xfce80300 irq 40

[0.785347] ata6: SATA max UDMA/133 abar m131072@0xfce80000 port 0xfce80380 irq 40

[0.785348] ata7: DUMMY

[0.785349] ata8: DUMMY

[0.786217] libphy: r8169: probed

[0.786385] r8169 0000:22:00.0 eth0: RTL8168h/8111h, d8:bb:c1:09:35:51, XID 541, IRQ 41

[0.786388] r8169 0000:22:00.0 eth0: jumbo features [frames: 9194 bytes, tx checksumming: ko]

[0.798548] xhci_hcd 0000:12:00.0: hcc params 0x0200ef81 hci version 0x110 quirks 0x00000000000000410

[0.798915] xhci_hcd 0000:12:00.0: xHCI Host Controller

[0.798918] xhci_hcd 0000:12:00.0: new USB bus registered, assigned bus number 2

[0.798922] xhci_hcd 0000:12:00.0: Host supports USB 3.1 Enhanced SuperSpeed

[0.798991] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002, bcdDevice= 5.11

[0.798994] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[0.798996] usb usb1: Product: xHCI Host Controller

[0.798998] usb usb1: Manufacturer: Linux 5.11.0-43-generic xhci-hcd

[0.798999] usb usb1: SerialNumber: 0000:12:00.0

[0.799124] hub 1-0:1.0: USB hub found

[0.799141] hub 1-0:1.0: 10 ports detected

[0.799447] usb usb2: We don't know the algorithms for LPM for this host, disabling LPM.

[0.799467] usb usb2: New USB device found, idVendor=1d6b, idProduct=0003, bcdDevice= 5.11

[0.799470] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[0.799471] usb usb2: Product: xHCI Host Controller

[0.799473] usb usb2: Manufacturer: Linux 5.11.0-43-generic xhci-hcd

[0.799474] usb usb2: SerialNumber: 0000:12:00.0

[0.799554] hub 2-0:1.0: USB hub found

[0.799563] hub 2-0:1.0: 4 ports detected

[0.799831] xhci_hcd 0000:2a:00.3: xHCI Host Controller

[0.799836] xhci_hcd 0000:2a:00.3: new USB bus registered, assigned bus number 3

[0.799982] xhci_hcd 0000:2a:00.3: hcc params 0x0270ffe5 hci version 0x110 quirks 0x00000000840000410

[0.800308] xhci_hcd 0000:2a:00.3: xHCI Host Controller

[0.800311] xhci_hcd 0000:2a:00.3: new USB bus registered, assigned bus number 4

[0.800314] xhci_hcd 0000:2a:00.3: Host supports USB 3.1 Enhanced SuperSpeed

[0.800353] usb usb3: New USB device found, idVendor=1d6b, idProduct=0002, bcdDevice= 5.11

[0.800355] usb usb3: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[0.800357] usb usb3: Product: xHCI Host Controller
[0.800358] usb usb3: Manufacturer: Linux 5.11.0-43-generic xhci-hcd
[0.800359] usb usb3: SerialNumber: 0000:2a:00.3
[0.800443] hub 3-0:1.0: USB hub found
[0.800457] hub 3-0:1.0: 4 ports detected
[0.800814] usb usb4: We don't know the algorithms for LPM for this host, disabling LPM.
[0.800833] usb usb4: New USB device found, idVendor=1d6b, idProduct=0003, bcdDevice= 5.11
[0.800835] usb usb4: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[0.800836] usb usb4: Product: xHCI Host Controller
[0.800838] usb usb4: Manufacturer: Linux 5.11.0-43-generic xhci-hcd
[0.800839] usb usb4: SerialNumber: 0000:2a:00.3
[0.800922] hub 4-0:1.0: USB hub found
[0.800935] hub 4-0:1.0: 4 ports detected
[0.801392] xhci_hcd 0000:2a:00.4: xHCI Host Controller
[0.801396] xhci_hcd 0000:2a:00.4: new USB bus registered, assigned bus number 5
[0.801528] xhci_hcd 0000:2a:00.4: hcc params 0x0260ffe5 hci version 0x110 quirks 0x0000000840000410
[0.801823] xhci_hcd 0000:2a:00.4: xHCI Host Controller
[0.801827] xhci_hcd 0000:2a:00.4: new USB bus registered, assigned bus number 6
[0.801830] xhci_hcd 0000:2a:00.4: Host supports USB 3.1 Enhanced SuperSpeed
[0.801889] usb usb5: New USB device found, idVendor=1d6b, idProduct=0002, bcdDevice= 5.11
[0.801891] usb usb5: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[0.801893] usb usb5: Product: xHCI Host Controller
[0.801894] usb usb5: Manufacturer: Linux 5.11.0-43-generic xhci-hcd
[0.801895] usb usb5: SerialNumber: 0000:2a:00.4
[0.801978] hub 5-0:1.0: USB hub found
[0.801993] hub 5-0:1.0: 1 port detected
[0.802090] usb usb6: We don't know the algorithms for LPM for this host, disabling LPM.
[0.802110] usb usb6: New USB device found, idVendor=1d6b, idProduct=0003, bcdDevice= 5.11
[0.802112] usb usb6: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[0.802113] usb usb6: Product: xHCI Host Controller
[0.802115] usb usb6: Manufacturer: Linux 5.11.0-43-generic xhci-hcd
[0.802116] usb usb6: SerialNumber: 0000:2a:00.4
[0.802196] hub 6-0:1.0: USB hub found
[0.802207] hub 6-0:1.0: 1 port detected
[0.807890] piix4_smbus 0000:00:14.0: SMBus Host Controller at 0xb00, revision 0
[0.807894] piix4_smbus 0000:00:14.0: Using register 0x02 for SMBus port selection
[0.808147] piix4_smbus 0000:00:14.0: Auxiliary SMBus Host Controller at 0xb20
[0.809457] nvme nvme0: pci function 0000:29:00.0
[0.810647] r8169 0000:22:00.0 enp34s0: renamed from eth0
[0.814304] nvme nvme0: missing or invalid SUBNQN field.
[0.814337] nvme nvme0: Shutdown timeout set to 10 seconds
[0.815996] nvme nvme0: 8/0/0 default/read/poll queues
[0.817170] nvme0n1: p1 p2 < p5 >
[1.099063] ata1: SATA link down (SStatus 0 SControl 330)
[1.393566] ata2: SATA link down (SStatus 0 SControl 330)
[1.428910] tsc: Refined TSC clocksource calibration: 3603.091 MHz
[1.428931] clocksource: tsc: mask: 0xffffffffffffffff max_cycles: 0x33efbb17a9d, max_idle_ns: 440795278786 ns
[1.428980] clocksource: Switched to clocksource tsc
[1.704794] ata5: SATA link down (SStatus 0 SControl 330)
[2.017083] ata6: SATA link down (SStatus 0 SControl 330)
[2.264201] fbcon: Taking over console
[2.264298] Console: switching to colour frame buffer device 240x67
[2.269532] EXT4-fs (dm-0): mounted filesystem with ordered data mode. Opts: (null). Quota mode: none.
[2.369073] systemd[1]: Inserted module 'autofs4'
[2.379879] systemd[1]: systemd 245.4-ubuntu3.13 running in system mode. (+PAM +AUDIT +SELINUX +IM

A +APPARMOR +SMACK +SYSVINIT +UTMP +LIBCRYPTSETUP +GCRYPT +GNUTLS +ACL +XZ +LZ4
+SECCOMP +BLKID +ELFUTILS +KMOD +IDN2 -IDN +PCRE2 default-hierarchy=hybrid)

[2.396546] systemd[1]: Detected architecture x86-64.

[2.416894] systemd[1]: Set hostname to <tbs>.

[2.521242] systemd[1]: Created slice system-modprobe.slice.

[2.521452] systemd[1]: Created slice system-systemd\x2dfsck.slice.

[2.521618] systemd[1]: Created slice User and Session Slice.

[2.521666] systemd[1]: Started Forward Password Requests to Wall Directory Watch.

[2.521803] systemd[1]: Set up automount Arbitrary Executable File Formats File System Automount Point.

[2.521841] systemd[1]: Reached target User and Group Name Lookups.

[2.521857] systemd[1]: Reached target Remote File Systems.

[2.521866] systemd[1]: Reached target Slices.

[2.521925] systemd[1]: Listening on Device-mapper event daemon FIFOs.

[2.522001] systemd[1]: Listening on LVM2 poll daemon socket.

[2.522062] systemd[1]: Listening on Syslog Socket.

[2.522123] systemd[1]: Listening on fsck to fsckd communication Socket.

[2.522164] systemd[1]: Listening on initctl Compatibility Named Pipe.

[2.522286] systemd[1]: Listening on Journal Audit Socket.

[2.522343] systemd[1]: Listening on Journal Socket (/dev/log).

[2.522423] systemd[1]: Listening on Journal Socket.

[2.522492] systemd[1]: Listening on udev Control Socket.

[2.522539] systemd[1]: Listening on udev Kernel Socket.

[2.523325] systemd[1]: Mounting Huge Pages File System...

[2.523995] systemd[1]: Mounting POSIX Message Queue File System...

[2.524793] systemd[1]: Mounting Kernel Debug File System...

[2.525563] systemd[1]: Mounting Kernel Trace File System...

[2.526599] systemd[1]: Starting Journal Service...

[2.527446] systemd[1]: Starting Availability of block devices...

[2.528456] systemd[1]: Starting Set the console keyboard layout...

[2.529202] systemd[1]: Starting Create list of static device nodes for the current kernel...

[2.529895] systemd[1]: Starting Monitoring of LVM2 mirrors, snapshots etc. using dmeventd or progress polling..

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[2.530735] systemd[1]: Starting Load Kernel Module drm...

[2.531539] systemd[1]: Condition check resulted in Set Up Additional Binary Formats being skipped.

[2.531578] systemd[1]: Condition check resulted in File System Check on Root Device being skipped.

[2.532853] systemd[1]: Starting Load Kernel Modules...

[2.533625] systemd[1]: Starting Remount Root and Kernel File Systems...

[2.534400] systemd[1]: Starting udev Coldplug all Devices...

[2.535341] systemd[1]: Starting Uncomplicated firewall...

[2.536698] systemd[1]: Mounted Huge Pages File System.

[2.536819] systemd[1]: Mounted POSIX Message Queue File System.

[2.536905] systemd[1]: Mounted Kernel Debug File System.

[2.537226] systemd[1]: Mounted Kernel Trace File System.

[2.537609] systemd[1]: Finished Availability of block devices.

[2.538046] systemd[1]: Finished Create list of static device nodes for the current kernel.

[2.545569] systemd[1]: modprobe@drm.service: Succeeded.

[2.546011] systemd[1]: Finished Load Kernel Module drm.

[2.549111] systemd[1]: Finished Uncomplicated firewall.

[2.549225] EXT4-fs (dm-0): re-mounted. Opts: errors=remount-ro. Quota mode: none.

[2.550681] systemd[1]: Finished Remount Root and Kernel File Systems.

[2.551080] systemd[1]: Condition check resulted in Rebuild Hardware Database being skipped.

[2.551114] systemd[1]: Condition check resulted in Platform Persistent Storage Archival being skipped.

[2.551864] systemd[1]: Starting Load/Save Random Seed...

[2.552728] systemd[1]: Starting Create System Users...

[2.559566] systemd[1]: Finished Create System Users.

[2.560359] systemd[1]: Starting Create Static Device Nodes in /dev...
[2.561360] lp: driver loaded but no devices found
[2.565574] systemd[1]: Finished Load/Save Random Seed.
[2.569926] systemd[1]: Finished Create Static Device Nodes in /dev.
[2.570756] systemd[1]: Starting udev Kernel Device Manager...
[2.571869] ppdev: user-space parallel port driver
[2.573708] parport_pc 00:04: reported by Plug and Play ACPI
[2.573842] parport0: PC-style at 0x378, irq 5 [PCSPP]
[2.590011] systemd[1]: Finished Monitoring of LVM2 mirrors, snapshots etc. using dmeventd or progress polling.

[2.590336] systemd[1]: Started Journal Service.
[2.594339] systemd-journald[307]: Received client request to flush runtime journal.

[2.609403] loop0: detected capacity change from 0 to 8
[2.628856] loop1: detected capacity change from 0 to 113656
[2.641824] loop2: detected capacity change from 0 to 113640
[2.642056] loop3: detected capacity change from 0 to 126632
[2.668734] lp0: using parport0 (interrupt-driven).
[2.674675] loop4: detected capacity change from 0 to 126784
[2.688334] loop5: detected capacity change from 0 to 448512
[2.725351] loop6: detected capacity change from 0 to 507712
[2.749832] loop7: detected capacity change from 0 to 448512
[2.828569] loop8: detected capacity change from 0 to 133320
[2.838011] drm_kms_helper: Unknown symbol cec_delete_adapter (err -2)
[2.838093] drm_kms_helper: Unknown symbol cec_transmit_attempt_done_ts (err -2)
[2.838227] drm_kms_helper: Unknown symbol cec_s_phys_addr (err -2)
[2.838237] drm_kms_helper: Unknown symbol cec_s_conn_info (err -2)
[2.838248] ccp 0000:2a:00.2: ccp enabled
[2.838253] drm_kms_helper: Unknown symbol cec_s_phys_addr_from_edid (err -2)
[2.838543] drm_kms_helper: Unknown symbol cec_unregister_adapter (err -2)
[2.838616] drm_kms_helper: Unknown symbol cec_allocate_adapter (err -2)
[2.838710] drm_kms_helper: Unknown symbol cec_fill_conn_info_from_drm (err -2)
[2.838724] drm_kms_helper: Unknown symbol cec_received_msg_ts (err -2)
[2.838761] drm_kms_helper: Unknown symbol cec_register_adapter (err -2)
[2.846759] mc: loading out-of-tree module taints kernel.
[2.848407] ccp 0000:2a:00.2: tee enabled
[2.848411] ccp 0000:2a:00.2: psp enabled
[2.887106] mc: module verification failed: signature and/or required key missing - tainting kernel
[2.890292] RAPL PMU: API unit is 2⁻³² Joules, 1 fixed counters, 163840 ms ovfl timer
[2.890295] RAPL PMU: hw unit of domain package 2⁻¹⁶ Joules
[2.895633] cryptd: max_cpu_qlen set to 1000
[2.900368] AVX2 version of gcm_enc/dec engaged.
[2.900371] AES CTR mode by8 optimization enabled
[2.900883] loop9: detected capacity change from 0 to 86368
[2.924780] mc: Linux media interface: v0.10
[2.927428] videodev: Linux video capture interface: v2.00
[2.985734] tbsecp3version 2021-08-25
[2.985746] TBSECP3 driver 0000:27:00.0: Turbosight TBS 6209 (Octa DVB-T/T2/C/C2/ISDB-T)
[2.989617] kvm: disabled by bios
[2.989881] loop10: detected capacity change from 0 to 111080
[2.990129] dvbdev: DVB: registering new adapter (TBSECP3 DVB Adapter)
[3.046399] kvm: disabled by bios
[3.047967] MCE: In-kernel MCE decoding enabled.
[3.049743] EDAC amd64: F17h_M10h detected (node 0).
[3.049800] EDAC amd64: Node 0: DRAM ECC disabled.
[3.059525] loop11: detected capacity change from 0 to 88616

[3.088544] Adding 999420k swap on /dev/mapper/vgubuntu-swap_1. Priority:-2 extents:1 across:999420k SSFS

[3.096698] loop12: detected capacity change from 0 to 133552

[3.102022] kvm: disabled by bios

[3.102272] EDAC amd64: F17h_M10h detected (node 0).

[3.102328] EDAC amd64: Node 0: DRAM ECC disabled.

[3.111156] TBSECP3 driver 0000:27:00.0: MAC address 00:22:ab:b2:5c:28

[3.169369] intel_rapl_common: Found RAPL domain package

[3.169375] intel_rapl_common: Found RAPL domain core

[3.170295] EDAC amd64: F17h_M10h detected (node 0).

[3.170380] EDAC amd64: Node 0: DRAM ECC disabled.

[3.170600] i2c i2c-3: Added multiplexed i2c bus 7

[3.170603] si2183 3-0064: Silicon Labs Si2183 successfully attached

[3.171229] kvm: disabled by bios

[3.178536] si2157 7-0063: Silicon Labs Si2147/2148/2157/2158 successfully attached

[3.178572] TBSECP3 driver 0000:27:00.0: DVB: registering adapter 0 frontend 0 (Turbosight TBS 6209 (Octa D VB-T/T2/C/C2/ISDB-T))...

[3.179177] dvbdev: DVB: registering new adapter (TBSECP3 DVB Adapter)

[3.184786] loop13: detected capacity change from 0 to 104360

[3.234057] audit: type=1400 audit(1640800637.152:2): apparmor="STATUS" operation="profile_load" profile="unconfined" name="lsb_release" pid=546 comm="apparmor_parser"

[3.234880] audit: type=1400 audit(1640800637.152:3): apparmor="STATUS" operation="profile_load" profile="unconfined" name="nvidia_modprobe" pid=547 comm="apparmor_parser"

[3.234885] audit: type=1400 audit(1640800637.152:4): apparmor="STATUS" operation="profile_load" profile="unconfined" name="nvidia_modprobe//kmod" pid=547 comm="apparmor_parser"

[3.235995] audit: type=1400 audit(1640800637.152:5): apparmor="STATUS" operation="profile_load" profile="unconfined" name="/usr/bin/man" pid=549 comm="apparmor_parser"

[3.236000] audit: type=1400 audit(1640800637.152:6): apparmor="STATUS" operation="profile_load" profile="unconfined" name="man_filter" pid=549 comm="apparmor_parser"

[3.236003] audit: type=1400 audit(1640800637.152:7): apparmor="STATUS" operation="profile_load" profile="unconfined" name="man_groff" pid=549 comm="apparmor_parser"

[3.239866] audit: type=1400 audit(1640800637.156:8): apparmor="STATUS" operation="profile_load" profile="unconfined" name="ippusbxd" pid=553 comm="apparmor_parser"

[3.244130] audit: type=1400 audit(1640800637.160:9): apparmor="STATUS" operation="profile_load" profile="unconfined" name="/usr/sbin/cups-browsed" pid=554 comm="apparmor_parser"

[3.246136] EDAC amd64: F17h_M10h detected (node 0).

[3.246194] EDAC amd64: Node 0: DRAM ECC disabled.

[3.248389] audit: type=1400 audit(1640800637.164:10): apparmor="STATUS" operation="profile_load" profile="unconfined" name="/usr/sbin/tcpdump" pid=548 comm="apparmor_parser"

[3.265297] snd_hda_intel 0000:2a:00.1: Handle vga_switcheroo audio client

[3.303295] TBSECP3 driver 0000:27:00.0: MAC address 00:22:ab:b2:5c:29

[3.304679] si2183 3-0067: Silicon Labs Si2183 successfully attached

[3.310426] si2157 7-0060: Silicon Labs Si2147/2148/2157/2158 successfully attached

[3.310439] TBSECP3 driver 0000:27:00.0: DVB: registering adapter 1 frontend 0 (Turbosight TBS 6209 (Octa D VB-T/T2/C/C2/ISDB-T))...

[3.310477] dvbdev: DVB: registering new adapter (TBSECP3 DVB Adapter)

[3.355492] input: HD-Audio Generic HDMI/DP,pcm=3 as /devices/pci0000:00/0000:00:08.1/0000:2a:00.1/sound/card0/input3

[3.355535] input: HD-Audio Generic HDMI/DP,pcm=7 as /devices/pci0000:00/0000:00:08.1/0000:2a:00.1/sound/card0/input4

[3.433861] TBSECP3 driver 0000:27:00.0: MAC address 00:22:ab:b2:5c:2a

[3.445784] i2c i2c-4: Added multiplexed i2c bus 8

[3.445790] si2183 4-0064: Silicon Labs Si2183 successfully attached

[3.460871] si2157 8-0063: Silicon Labs Si2147/2148/2157/2158 successfully attached

[3.461065] TBSECP3 driver 0000:27:00.0: DVB: registering adapter 2 frontend 0 (Turbosight TBS 6209 (Octa D VB-T/T2/C/C2/ISDB-T))...

[3.461644] dvbdev: DVB: registering new adapter (TBSECP3 DVB Adapter)
[3.583170] TBSECP3 driver 0000:27:00.0: MAC address 00:22:ab:b2:5c:2b
[3.589928] si2183 4-0067: Silicon Labs Si2183 successfully attached
[3.600961] si2157 8-0060: Silicon Labs Si2147/2148/2157/2158 successfully attached
[3.600995] TBSECP3 driver 0000:27:00.0: DVB: registering adapter 3 frontend 0 (Turbosight TBS 6209 (Octa DVB-T/T2/C/C2/ISDB-T))...
[3.601053] dvbdev: DVB: registering new adapter (TBSECP3 DVB Adapter)
[3.636537] Generic FE-GE Realtek PHY r8169-0-2200:00: attached PHY driver (mii_bus:phy_addr=r8169-0-2200:00, irq=MAC)
[3.723171] TBSECP3 driver 0000:27:00.0: MAC address 00:22:ab:b2:5c:2c
[3.725333] i2c i2c-5: Added multiplexed i2c bus 9
[3.725339] si2183 5-0064: Silicon Labs Si2183 successfully attached
[3.731849] si2157 9-0063: Silicon Labs Si2147/2148/2157/2158 successfully attached
[3.731882] TBSECP3 driver 0000:27:00.0: DVB: registering adapter 4 frontend 0 (Turbosight TBS 6209 (Octa DVB-T/T2/C/C2/ISDB-T))...
[3.731946] dvbdev: DVB: registering new adapter (TBSECP3 DVB Adapter)
[3.831816] TBSECP3 driver 0000:27:00.0: MAC address 00:22:ab:b2:5c:2d
[3.833861] si2183 5-0067: Silicon Labs Si2183 successfully attached
[3.836642] r8169 0000:22:00.0 enp34s0: Link is Down
[3.841404] si2157 9-0060: Silicon Labs Si2147/2148/2157/2158 successfully attached
[3.841444] TBSECP3 driver 0000:27:00.0: DVB: registering adapter 5 frontend 0 (Turbosight TBS 6209 (Octa DVB-T/T2/C/C2/ISDB-T))...
[3.841524] dvbdev: DVB: registering new adapter (TBSECP3 DVB Adapter)
[3.963159] TBSECP3 driver 0000:27:00.0: MAC address 00:22:ab:b2:5c:2e
[3.965271] i2c i2c-6: Added multiplexed i2c bus 10
[3.965277] si2183 6-0064: Silicon Labs Si2183 successfully attached
[3.971788] si2157 10-0063: Silicon Labs Si2147/2148/2157/2158 successfully attached
[3.971823] TBSECP3 driver 0000:27:00.0: DVB: registering adapter 6 frontend 0 (Turbosight TBS 6209 (Octa DVB-T/T2/C/C2/ISDB-T))...
[3.971895] dvbdev: DVB: registering new adapter (TBSECP3 DVB Adapter)
[4.077131] TBSECP3 driver 0000:27:00.0: MAC address 00:22:ab:b2:5c:2f
[4.079133] si2183 6-0067: Silicon Labs Si2183 successfully attached
[4.085713] si2157 10-0060: Silicon Labs Si2147/2148/2157/2158 successfully attached
[4.085740] TBSECP3 driver 0000:27:00.0: DVB: registering adapter 7 frontend 0 (Turbosight TBS 6209 (Octa DVB-T/T2/C/C2/ISDB-T))...
[4.085814] TBSECP3 driver 0000:27:00.0: Turbosight TBS 6209 (Octa DVB-T/T2/C/C2/ISDB-T): PCI 0000:27:00.0, IRQ 72, MMIO 0xfcc00000
[4.212397] si2183 6-0067: found a 'Silicon Labs Si2183-B60'
[4.212658] si2183 6-0067: downloading firmware from file 'dvb-demod-si2183-b60-01.fw'
[4.244636] loop14: detected capacity change from 0 to 8
[4.627332] si2183 6-0067: firmware version: 6.0.2
[4.654320] si2157 10-0060: found a 'Silicon Labs Si2157-A30'
[4.694004] si2157 10-0060: firmware version: 3.0.5
[4.704444] TBSECP3 driver 0000:27:00.0: DVB: adapter 7 frontend 0 frequency 0 out of range (174000000..862000000)
[4.715714] si2183 6-0064: found a 'Silicon Labs Si2183-B60'
[4.715742] si2183 6-0064: downloading firmware from file 'dvb-demod-si2183-b60-01.fw'
[4.731315] si2157 10-0060: found a 'Silicon Labs Si2157-A30'
[4.762294] si2157 10-0060: firmware version: 3.0.5
[5.134960] si2183 6-0064: firmware version: 6.0.2
[5.162867] si2157 10-0063: found a 'Silicon Labs Si2157-A30'
[5.217056] si2157 10-0063: firmware version: 3.0.5
[5.227781] TBSECP3 driver 0000:27:00.0: DVB: adapter 6 frontend 0 frequency 0 out of range (174000000..862000000)
[5.238387] si2183 5-0067: found a 'Silicon Labs Si2183-B60'

[5.238433] si2183 5-0067: downloading firmware from file 'dvb-demod-si2183-b60-01.fw'
[5.244088] si2157 10-0063: found a 'Silicon Labs Si2157-A30'
[5.270208] si2157 10-0063: firmware version: 3.0.5
[5.657050] si2183 5-0067: firmware version: 6.0.2
[5.687925] si2157 9-0060: found a 'Silicon Labs Si2157-A30'
[5.726853] si2157 9-0060: firmware version: 3.0.5
[5.737572] TBSECP3 driver 0000:27:00.0: DVB: adapter 5 frontend 0 frequency 0 out of range (174000000..862000000)
[5.752830] si2183 5-0064: found a 'Silicon Labs Si2183-B60'
[5.752879] si2183 5-0064: downloading firmware from file 'dvb-demod-si2183-b60-01.fw'
[5.767775] si2157 9-0060: found a 'Silicon Labs Si2157-A30'
[5.799038] si2157 9-0060: firmware version: 3.0.5
[6.198686] si2183 5-0064: firmware version: 6.0.2
[6.226535] si2157 9-0063: found a 'Silicon Labs Si2157-A30'
[6.279742] si2157 9-0063: firmware version: 3.0.5
[6.291039] TBSECP3 driver 0000:27:00.0: DVB: adapter 4 frontend 0 frequency 0 out of range (174000000..862000000)
[6.301524] si2183 4-0067: found a 'Silicon Labs Si2183-B60'
[6.301557] si2183 4-0067: downloading firmware from file 'dvb-demod-si2183-b60-01.fw'
[6.307321] si2157 9-0063: found a 'Silicon Labs Si2157-A30'
[6.333324] si2157 9-0063: firmware version: 3.0.5
[6.743893] si2183 4-0067: firmware version: 6.0.2
[6.773319] si2157 8-0060: found a 'Silicon Labs Si2157-A30'
[6.814213] si2157 8-0060: firmware version: 3.0.5
[6.825303] TBSECP3 driver 0000:27:00.0: DVB: adapter 3 frontend 0 frequency 0 out of range (174000000..862000000)
[6.839721] si2183 4-0064: found a 'Silicon Labs Si2183-B60'
[6.839770] si2183 4-0064: downloading firmware from file 'dvb-demod-si2183-b60-01.fw'
[6.856818] si2157 8-0060: found a 'Silicon Labs Si2157-A30'
[6.887259] si2157 8-0060: firmware version: 3.0.5
[7.269264] si2183 4-0064: firmware version: 6.0.2
[7.298371] si2157 8-0063: found a 'Silicon Labs Si2157-A30'
[7.343386] r8169 0000:22:00.0 enp34s0: Link is Up - 1Gbps/Full - flow control off
[7.343410] IPv6: ADDRCONF(NETDEV_CHANGE): enp34s0: link becomes ready
[7.353203] si2157 8-0063: firmware version: 3.0.5
[7.363619] TBSECP3 driver 0000:27:00.0: DVB: adapter 2 frontend 0 frequency 0 out of range (174000000..862000000)
[7.371369] si2183 3-0067: found a 'Silicon Labs Si2183-B60'
[7.371418] si2183 3-0067: downloading firmware from file 'dvb-demod-si2183-b60-01.fw'
[7.376961] si2157 8-0063: found a 'Silicon Labs Si2157-A30'
[7.402944] si2157 8-0063: firmware version: 3.0.5
[7.794418] si2183 3-0067: firmware version: 6.0.2
[7.825127] si2157 7-0060: found a 'Silicon Labs Si2157-A30'
[7.866176] si2157 7-0060: firmware version: 3.0.5
[7.876939] TBSECP3 driver 0000:27:00.0: DVB: adapter 1 frontend 0 frequency 0 out of range (174000000..862000000)
[7.893266] si2183 3-0064: found a 'Silicon Labs Si2183-B60'
[7.893320] si2183 3-0064: downloading firmware from file 'dvb-demod-si2183-b60-01.fw'
[7.903481] si2157 7-0060: found a 'Silicon Labs Si2157-A30'
[7.933831] si2157 7-0060: firmware version: 3.0.5
[8.351236] si2183 3-0064: firmware version: 6.0.2
[8.378459] si2157 7-0063: found a 'Silicon Labs Si2157-A30'
[8.432867] si2157 7-0063: firmware version: 3.0.5
[8.443348] TBSECP3 driver 0000:27:00.0: DVB: adapter 0 frontend 0 frequency 0 out of range (174000000..862000000)

[8.457558] si2157 7-0063: found a 'Silicon Labs Si2157-A30'

[8.483522] si2157 7-0063: firmware version: 3.0.5

[17.314839] rfkill: input handler disabled[/code]

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