[0.000000] Linux version 4.15.18 (root@ubuntu) (gcc version 5.4.0 20160609 (Ubuntu 5.4.0-6ubuntu1~16.04.12)) #3 SMP Sun Dec 1 02:16:57 PST 2024 (Ubuntu 4.15.0-112.113~16.04.1-generic 4.15.18)

[0.000000] Command line: BOOT_IMAGE=/boot/vmlinuz-4.15.18 root=UUID=98d2dc31-2ca9-47ba-8ea2-c9273e96c682 ro find_preseed=/preseed.cfg auto noprompt priority=critical locale=en_US quiet

[0.000000] KERNEL supported cpus:

[0.000000]   Intel GenuineIntel

[0.000000]   AMD AuthenticAMD

[0.000000]   Centaur CentaurHauls

[0.000000] Disabled fast string operations

[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] e820: BIOS-provided physical RAM map:

[0.000000] BIOS-e820: [mem 0x0000000000000000-0x000000000009e7ff] usable

[0.000000] BIOS-e820: [mem 0x000000000009e800-0x000000000009ffff] reserved

[0.000000] BIOS-e820: [mem 0x00000000000dc000-0x00000000000fffff] reserved

[0.000000] BIOS-e820: [mem 0x0000000000100000-0x00000000bfecffff] usable

[0.000000] BIOS-e820: [mem 0x00000000bfed0000-0x00000000bfefefff] ACPI data

[0.000000] BIOS-e820: [mem 0x00000000bfeff000-0x00000000bfefffff] ACPI NVS

[0.000000] BIOS-e820: [mem 0x00000000bff00000-0x00000000bfffffff] usable

[0.000000] BIOS-e820: [mem 0x00000000f0000000-0x00000000f7ffffff] reserved

[0.000000] BIOS-e820: [mem 0x00000000fec00000-0x00000000fec0ffff] reserved

[0.000000] BIOS-e820: [mem 0x00000000fee00000-0x00000000fee00fff] reserved

[0.000000] BIOS-e820: [mem 0x00000000fffe0000-0x00000000ffffffff] reserved

[0.000000] BIOS-e820: [mem 0x0000000100000000-0x000000013fffffff] usable

[0.000000] NX (Execute Disable) protection: active

[0.000000] SMBIOS 2.7 present.

[0.000000] DMI: VMware, Inc. VMware Virtual Platform/440BX Desktop Reference Platform, BIOS 6.00 07/22/2020

[0.000000] Hypervisor detected: VMware

[0.000000] vmware: TSC freq read from hypervisor : 2592.006 MHz

[0.000000] vmware: Host bus clock speed read from hypervisor : 66000000 Hz

[0.000000] vmware: using sched offset of 16398171936 ns

[0.000000] e820: update [mem 0x00000000-0x00000fff] usable ==> reserved

[0.000000] e820: remove [mem 0x000a0000-0x000fffff] usable

[0.000000] e820: last_pfn = 0x140000 max_arch_pfn = 0x400000000

[0.000000] MTRR default type: uncachable

[0.000000] MTRR fixed ranges enabled:

[0.000000]   00000-9FFFF write-back

[0.000000]   A0000-BFFFF uncachable

[0.000000]   C0000-CFFFF write-protect

[0.000000]   D0000-EFFFF uncachable

[0.000000]   F0000-FFFFF write-protect

[0.000000] MTRR variable ranges enabled:

[0.000000]   0 base 000000000000 mask 1FE000000000 write-back

[0.000000]   1 base 0000C0000000 mask 1FFFC0000000 uncachable

[0.000000]   2 disabled

[0.000000]   3 disabled

[0.000000]   4 disabled

[0.000000]   5 disabled

[0.000000]   6 disabled

[0.000000]   7 disabled

[0.000000] x86/PAT: Configuration [0-7]: WB WC UC- UC WB WP UC- WT

[0.000000] total RAM covered: 130048M

[0.000000] Found optimal setting for mtrr clean up

[0.000000] gran_size: 64K   chunk_size: 64K   num_reg: 7   lose cover RAM: 0G

[0.000000] e820: update [mem 0xc0000000-0xffffffff] usable ==> reserved

[0.000000] e820: last_pfn = 0xc0000 max_arch_pfn = 0x400000000

[0.000000] found SMP MP-table at [mem 0x000f6a70-0x000f6a7f]

[0.000000] Scanning 1 areas for low memory corruption

[0.000000] Using GB pages for direct mapping

[0.000000] RAMDISK: [mem 0x31446000-0x34a1afff]

[0.000000] ACPI: Early table checksum verification disabled

[0.000000] ACPI: RSDP 0x00000000000F6A00 000024 (v02 PTLTD)

[0.000000] ACPI: XSDT 0x00000000BFEDC633 00005C (v01 INTEL 440BX   06040000 VMW 01324272)

[0.000000] ACPI: FACP 0x00000000BFEFEE73 0000F4 (v04 INTEL 440BX   06040000 PTL 000F4240)

[0.000000] ACPI: DSDT 0x00000000BFEDD9E8 02148B (v01 PTLTD Custom   06040000 MSFT 03000001)

[0.000000] ACPI: FACS 0x00000000BFEFFFC0 000040

[0.000000] ACPI: FACS 0x00000000BFEFFFC0 000040

[0.000000] ACPI: BOOT 0x00000000BFEDD9C0 000028 (v01 PTLTD $SBFTBL$ 06040000 LTP 00000001)

[0.000000] ACPI: APIC 0x00000000BFEDD27E 000742 (v01 PTLTD ? APIC   06040000 LTP 00000000)

[0.000000] ACPI: MCFG 0x00000000BFEDD242 00003C (v01 PTLTD $PCITBL$ 06040000 LTP 00000001)

[0.000000] ACPI: SRAT 0x00000000BFEDC72F 0008D0 (v02 VMWARE MEMPLUG 06040000 VMW 00000001)

[0.000000] ACPI: HPET 0x00000000BFEDC6F7 000038 (v01 VMWARE VMW HPET 06040000 VMW 00000001)

[0.000000] ACPI: WAET 0x00000000BFEDC6CF 000028 (v01 VMWARE VMW WAET 06040000 VMW 00000001)

[0.000000] ACPI: Local APIC address 0xfee00000

[0.000000] system APIC only can use physical flat

[0.000000] Setting APIC routing to physical flat.

[0.000000] SRAT: PXM 0 -> APIC 0x00 -> Node 0

[0.000000] SRAT: PXM 0 -> APIC 0x02 -> Node 0

[0.000000] SRAT: PXM 0 -> APIC 0x04 -> Node 0

[0.000000] SRAT: PXM 0 -> APIC 0x06 -> Node 0

[0.000000] SRAT: PXM 0 -> APIC 0x08 -> Node 0

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[    0.000000] SRAT: PXM 0 -> APIC 0x0a -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x0c -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x0e -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x10 -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x12 -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x14 -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x16 -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x18 -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x1a -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x1c -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x1e -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x20 -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x22 -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x24 -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x26 -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x28 -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x2a -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x2c -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x2e -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x30 -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x32 -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x34 -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x36 -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x38 -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x3a -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x3c -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x3e -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x40 -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x42 -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x44 -> Node 0
[    0.000000] SRAT: PXM 0 -> APIC 0x46 -> Node 0
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[    0.000000] SRAT: PXM 0 -> APIC 0x48 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x4a -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x4c -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x4e -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x50 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x52 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x54 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x56 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x58 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x5a -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x5c -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x5e -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x60 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x62 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x64 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x66 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x68 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x6a -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x6c -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x6e -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x70 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x72 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x74 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x76 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x78 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x7a -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x7c -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x7e -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x80 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x82 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x84 -> Node 0
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[    0.000000] SRAT: PXM 0 -> APIC 0x86 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x88 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x8a -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x8c -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x8e -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x90 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x92 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x94 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x96 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x98 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x9a -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x9c -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0x9e -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xa0 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xa2 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xa4 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xa6 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xa8 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xaa -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xac -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xae -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xb0 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xb2 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xb4 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xb6 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xb8 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xba -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xbc -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xbe -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xc0 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xc2 -> Node 0
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[    0.000000] SRAT: PXM 0 -> APIC 0xc4 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xc6 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xc8 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xca -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xcc -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xce -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xd0 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xd2 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xd4 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xd6 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xd8 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xda -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xdc -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xde -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xe0 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xe2 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xe4 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xe6 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xe8 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xea -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xec -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xee -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xf0 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xf2 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xf4 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xf6 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xf8 -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xfa -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xfc -> Node 0

[    0.000000] SRAT: PXM 0 -> APIC 0xfe -> Node 0

[    0.000000] ACPI: SRAT: Node 0 PXM 0 [mem 0x00000000-0x0009ffff]
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[0.000000] ACPI: SRAT: Node 0 PXM 0 [mem 0x00100000-0xbfffffff]

[0.000000] ACPI: SRAT: Node 0 PXM 0 [mem 0x100000000-0x13fffffff]

[0.000000] ACPI: SRAT: Node 0 PXM 0 [mem 0x140000000-0x103fffffff] hotplug

[0.000000] NUMA: Node 0 [mem 0x00000000-0x0009ffff] + [mem 0x00100000-0xbfffffff] -> [mem 0x00000000-0xbfffffff]

[0.000000] NUMA: Node 0 [mem 0x00000000-0xbfffffff] + [mem 0x100000000-0x13fffffff] -> [mem 0x00000000-0x13fffffff]

[0.000000] NODE_DATA(0) allocated [mem 0x13ffd3000-0x13fffdfff]

[0.000000] Zone ranges:

[0.000000]   DMA   [mem 0x0000000000001000-0x0000000000ffffff]

[0.000000]   DMA32   [mem 0x0000000001000000-0x00000000ffffffff]

[0.000000]   Normal   [mem 0x0000000100000000-0x000000013fffffff]

[0.000000]   Device   empty

[0.000000] Movable zone start for each node

[0.000000] Early memory node ranges

[0.000000]   node   0: [mem 0x0000000000001000-0x000000000009dfff]

[0.000000]   node   0: [mem 0x0000000000100000-0x00000000bfecffff]

[0.000000]   node   0: [mem 0x00000000bff00000-0x00000000bfffffff]

[0.000000]   node   0: [mem 0x0000000100000000-0x000000013fffffff]

[0.000000] Reserved but unavailable: 99 pages

[0.000000] Initmem setup node 0 [mem 0x0000000000001000-0x000000013fffffff]

[0.000000] On node 0 totalpages: 1048429

[0.000000]   DMA zone: 64 pages used for memmap

[0.000000]   DMA zone: 21 pages reserved

[0.000000]   DMA zone: 3997 pages, LIFO batch:0

[0.000000]   DMA32 zone: 12224 pages used for memmap

[0.000000]   DMA32 zone: 782288 pages, LIFO batch:31

[0.000000]   Normal zone: 4096 pages used for memmap

[0.000000]   Normal zone: 262144 pages, LIFO batch:31

[0.000000] ACPI: PM-Timer IO Port: 0x1008

[0.000000] ACPI: Local APIC address 0xfee00000

[0.000000] system APIC only can use physical flat

```
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x00] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x01] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x02] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x03] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x04] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x05] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x06] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x07] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x08] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x09] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x0a] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x0b] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x0c] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x0d] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x0e] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x0f] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x10] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x11] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x12] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x13] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x14] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x15] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x16] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x17] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x18] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x19] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x1a] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x1b] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x1c] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x1d] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x1e] high edge lint[0x1])
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[0.000000] ACPI: LAPIC_NMI (acpi_id[0x1f] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x20] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x21] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x22] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x23] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x24] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x25] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x26] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x27] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x28] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x29] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x2a] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x2b] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x2c] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x2d] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x2e] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x2f] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x30] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x31] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x32] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x33] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x34] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x35] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x36] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x37] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x38] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x39] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x3a] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x3b] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x3c] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x3d] high edge lint[0x1])

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[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x3e] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x3f] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x40] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x41] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x42] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x43] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x44] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x45] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x46] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x47] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x48] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x49] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x4a] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x4b] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x4c] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x4d] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x4e] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x4f] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x50] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x51] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x52] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x53] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x54] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x55] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x56] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x57] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x58] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x59] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x5a] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x5b] high edge lint[0x1])
[    0.000000] ACPI: LAPIC_NMI (acpi_id[0x5c] high edge lint[0x1])
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[0.000000] ACPI: LAPIC_NMI (acpi_id[0x5d] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x5e] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x5f] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x60] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x61] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x62] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x63] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x64] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x65] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x66] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x67] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x68] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x69] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x6a] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x6b] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x6c] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x6d] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x6e] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x6f] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x70] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x71] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x72] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x73] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x74] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x75] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x76] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x77] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x78] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x79] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x7a] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x7b] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x7c] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x7d] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x7e] high edge lint[0x1])

[0.000000] ACPI: LAPIC_NMI (acpi_id[0x7f] high edge lint[0x1])

[0.000000] IOAPIC[0]: apic_id 1, version 32, address 0xfec00000, GSI 0-23

[0.000000] ACPI: INT_SRC_OVR (bus 0 bus_irq 0 global_irq 2 high edge)

[0.000000] ACPI: IRQ0 used by override.

[0.000000] ACPI: IRQ9 used by override.

[0.000000] Using ACPI (MADT) for SMP configuration information

[0.000000] ACPI: HPET id: 0x8086af01 base: 0xfed00000

[0.000000] TSC deadline timer available

[0.000000] smpboot: Allowing 128 CPUs, 122 hotplug CPUs

[0.000000] PM: Registered nosave memory: [mem 0x00000000-0x00000fff]

[0.000000] PM: Registered nosave memory: [mem 0x0009e000-0x0009efff]

[0.000000] PM: Registered nosave memory: [mem 0x0009f000-0x0009ffff]

[0.000000] PM: Registered nosave memory: [mem 0x000a0000-0x000dbfff]

[0.000000] PM: Registered nosave memory: [mem 0x000dc000-0x000fffff]

[0.000000] PM: Registered nosave memory: [mem 0xbfed0000-0xbfefefff]

[0.000000] PM: Registered nosave memory: [mem 0xbfeff000-0xbfefffff]

[0.000000] PM: Registered nosave memory: [mem 0xc0000000-0xefffffff]

[0.000000] PM: Registered nosave memory: [mem 0xf0000000-0xf7ffffff]

[0.000000] PM: Registered nosave memory: [mem 0xf8000000-0xfebfffff]

[0.000000] PM: Registered nosave memory: [mem 0xfec00000-0xfec0ffff]

[0.000000] PM: Registered nosave memory: [mem 0xfec10000-0xfedfffff]

[0.000000] PM: Registered nosave memory: [mem 0xfee00000-0xfee00fff]

[0.000000] PM: Registered nosave memory: [mem 0xfee01000-0xfffdffff]

[0.000000] PM: Registered nosave memory: [mem 0xfffe0000-0xffffffff]

[0.000000] e820: [mem 0xc0000000-0xefffffff] available for PCI devices

[0.000000] Booting paravirtualized kernel on VMware hypervisor

[0.000000] clocksource: refined-jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns: 7645519600211568 ns

[0.000000] random: get_random_bytes called from start_kernel+0x99/0x520 with crng_init=0

[0.000000] setup_percpu: NR_CPUS:8192 nr_cpumask_bits:128 nr_cpu_ids:128 nr_node_ids:1

[0.000000] percpu: Embedded 45 pages/cpu s147456 r8192 d28672 u262144

[0.000000] pcpu-alloc: s147456 r8192 d28672 u262144 alloc=1*2097152

[0.000000] pcpu-alloc: [0] 000 001 002 003 004 005 006 007

[0.000000] pcpu-alloc: [0] 008 009 010 011 012 013 014 015

[0.000000] pcpu-alloc: [0] 016 017 018 019 020 021 022 023

[0.000000] pcpu-alloc: [0] 024 025 026 027 028 029 030 031

[0.000000] pcpu-alloc: [0] 032 033 034 035 036 037 038 039

[0.000000] pcpu-alloc: [0] 040 041 042 043 044 045 046 047

[0.000000] pcpu-alloc: [0] 048 049 050 051 052 053 054 055

[0.000000] pcpu-alloc: [0] 056 057 058 059 060 061 062 063

[0.000000] pcpu-alloc: [0] 064 065 066 067 068 069 070 071

[0.000000] pcpu-alloc: [0] 072 073 074 075 076 077 078 079

[0.000000] pcpu-alloc: [0] 080 081 082 083 084 085 086 087

[0.000000] pcpu-alloc: [0] 088 089 090 091 092 093 094 095

[0.000000] pcpu-alloc: [0] 096 097 098 099 100 101 102 103

[0.000000] pcpu-alloc: [0] 104 105 106 107 108 109 110 111

[0.000000] pcpu-alloc: [0] 112 113 114 115 116 117 118 119

[0.000000] pcpu-alloc: [0] 120 121 122 123 124 125 126 127

[0.000000] Built 1 zonelists, mobility grouping on. Total pages: 1032024

[0.000000] Policy zone: Normal

[0.000000] Kernel command line: BOOT_IMAGE=/boot/vmlinuz-4.15.18 root=UUID=98d2dc31-2ca9-47ba-8ea2-c9273e96c682 ro find_preseed=/preseed.cfg auto noprompt priority=critical locale=en_US quiet

[0.000000] log_buf_len individual max cpu contribution: 4096 bytes

[0.000000] log_buf_len total cpu_extra contributions: 520192 bytes

[0.000000] log_buf_len min size: 262144 bytes

[0.000000] log_buf_len: 1048576 bytes

[0.000000] early log buf free: 235788(89%)

[0.000000] Calgary: detecting Calgary via BIOS EBDA area

[0.000000] Calgary: Unable to locate Rio Grande table in EBDA - bailing!

[0.000000] Memory: 3954360K/4193716K available (12300K kernel code, 2482K rwdata, 4168K rodata, 2440K init, 2724K bss, 239356K reserved, 0K cma-reserved)

[0.000000] SLUB: HWalign=64, Order=0-3, MinObjects=0, CPUs=128, Nodes=1

[0.000000] ftrace: allocating 39308 entries in 154 pages

[0.004000] Hierarchical RCU implementation.

[0.004000]   RCU restricting CPUs from NR_CPUS=8192 to nr_cpu_ids=128.

[0.004000]   Tasks RCU enabled.

[0.004000] RCU: Adjusting geometry for rcu_fanout_leaf=16, nr_cpu_ids=128

[0.004000] NR_IRQS: 524544, nr_irqs: 1448, preallocated irqs: 16

[0.004000] Console: colour VGA+ 80x25

[0.004000] console [tty0] enabled

[0.004000] ACPI: Core revision 20170831

[0.004000] ACPI: 1 ACPI AML tables successfully acquired and loaded

[0.004000] clocksource: hpet: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns: 133484882848 ns

[0.004000] hpet clockevent registered

[0.004040] APIC: Switch to symmetric I/O mode setup

[0.005046] x2apic enabled

[0.005512] Switched APIC routing to physical x2apic.

[0.007995] ..TIMER: vector=0x30 apic1=0 pin1=2 apic2=-1 pin2=-1

[0.007995] tsc: Detected 2592.006 MHz processor

[0.008034] Calibrating delay loop (skipped) preset value.. 5184.01 BogoMIPS (lpj=10368026)

[0.008036] pid_max: default: 131072 minimum: 1024

[0.008264] Security Framework initialized

[0.008265] Yama: becoming mindful.

[0.0014782] osslsm: becoming mindful.

[0.014888] AppArmor: AppArmor initialized

[0.031586] Dentry cache hash table entries: 524288 (order: 10, 4194304 bytes)

[0.043206] Inode-cache hash table entries: 262144 (order: 9, 2097152 bytes)

[0.043487] Mount-cache hash table entries: 8192 (order: 4, 65536 bytes)

[0.043749] Mountpoint-cache hash table entries: 8192 (order: 4, 65536 bytes)

[0.045067] Disabled fast string operations

[0.045309] Last level iTLB entries: 4KB 64, 2MB 8, 4MB 8

[0.045310] Last level dTLB entries: 4KB 64, 2MB 0, 4MB 0, 1GB 4

[0.045312] Spectre V1 : Mitigation: usercopy/swapgs barriers and __user pointer sanitization

[0.045312] Spectre V2 : Mitigation: Full generic retpoline

[0.045313] Spectre V2 : Spectre v2 / SpectreRSB mitigation: Filling RSB on context switch

[0.045313] Spectre V2 : Enabling Restricted Speculation for firmware calls

[0.045321] Spectre V2 : mitigation: Enabling conditional Indirect Branch Prediction Barrier

[0.045322] Speculative Store Bypass: Mitigation: Speculative Store Bypass disabled via prctl and seccomp

[0.051120] Freeing SMP alternatives memory: 36K

[0.057957] smpboot: CPU0: Intel(R) Core(TM) i7-10750H CPU @ 2.60GHz (family: 0x6, model: 0xa5, stepping: 0x2)

[0.059044] Performance Events: generic architected perfmon v1, core PMU driver.

[0.060105] core: CPUID marked event: 'cpu cycles' unavailable

[0.060113] core: CPUID marked event: 'instructions' unavailable

[0.060119] core: CPUID marked event: 'bus cycles' unavailable

[0.060126] core: CPUID marked event: 'cache references' unavailable

[0.060133] core: CPUID marked event: 'cache misses' unavailable

[0.060140] core: CPUID marked event: 'branch instructions' unavailable

[0.060147] core: CPUID marked event: 'branch misses' unavailable

[0.060165] ... version: 1

[0.060172] ... bit width: 48

[0.060179] ... generic registers: 4

[0.060186] ... value mask: 0000ffffffffffff

[0.060193] ... max period: 000000007fffffff

[0.060200] ... fixed-purpose events: 0

[0.060207] ... event mask: 000000000000000f

[0.060483] Hierarchical SRCU implementation.

[0.061721] NMI watchdog: Perf event create on CPU 0 failed with -2

[0.061729] NMI watchdog: Perf NMI watchdog permanently disabled

[0.075171] smp: Bringing up secondary CPUs ...

[0.076000] x86: Booting SMP configuration:

[0.076000] .... node #0, CPUs: #1

[0.004000] Disabled fast string operations

[0.004000] smpboot: CPU 1 Converting physical 2 to logical package 1

[0.077790]   #2

[0.004000] Disabled fast string operations

[0.004000] smpboot: CPU 2 Converting physical 4 to logical package 2

[0.081933]   #3

[0.004000] Disabled fast string operations

[0.004000] smpboot: CPU 3 Converting physical 6 to logical package 3

[0.085543]   #4

[0.004000] Disabled fast string operations

[0.004000] smpboot: CPU 4 Converting physical 8 to logical package 4

[0.089097]   #5

[0.004000] Disabled fast string operations

[0.004000] smpboot: CPU 5 Converting physical 10 to logical package 5

[0.092133] smp: Brought up 1 node, 6 CPUs

[0.092133] smpboot: Max logical packages: 128

[0.092133] smpboot: Total of 6 processors activated (31104.07 BogoMIPS)

[0.093707] devtmpfs: initialized

[0.093707] x86/mm: Memory block size: 128MB

[0.093707] evm: security.selinux

[0.093707] evm: security.SMACK64

[0.093707] evm: security.SMACK64EXEC

[0.093707] evm: security.SMACK64TRANSMUTE

[0.093707] evm: security.SMACK64MMAP

[0.093707] evm: security.apparmor

[0.093707] evm: security.ima

[0.093707] evm: security.capability

[0.096167] PM: Registering ACPI NVS region [mem 0xbfeff000-0xbfefffff] (4096 bytes)

[0.096438] clocksource: jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns: 7645041785100000 ns

[0.096438] futex hash table entries: 32768 (order: 9, 2097152 bytes)

[0.104000] pinctrl core: initialized pinctrl subsystem

[0.104000] RTC time: 15:52:15, date: 12/02/26

[0.104383] NET: Registered protocol family 16

[0.104506] audit: initializing netlink subsys (disabled)

[0.104624] audit: type=2000 audit(1796226735.104:1): state=initialized audit_enabled=0 res=1

[0.104624] cpuidle: using governor ladder

[0.104624] cpuidle: using governor menu

[0.104624] Simple Boot Flag at 0x36 set to 0x80

[0.104624] ACPI: bus type PCI registered

[0.104624] acpiphp: ACPI Hot Plug PCI Controller Driver version: 0.5

[0.104674] PCI: MMCONFIG for domain 0000 [bus 00-7f] at [mem 0xf0000000-0xf7ffffff] (base 0xf0000000)

[0.104676] PCI: MMCONFIG at [mem 0xf0000000-0xf7ffffff] reserved in E820

[0.104683] PCI: Using configuration type 1 for base access

[0.108275] HugeTLB registered 1.00 GiB page size, pre-allocated 0 pages

[0.108275] HugeTLB registered 2.00 MiB page size, pre-allocated 0 pages

[0.108362] ACPI: Added _OSI(Module Device)

[0.108362] ACPI: Added _OSI(Processor Device)

[0.108362] ACPI: Added _OSI(3.0 _SCP Extensions)

[0.108362] ACPI: Added _OSI(Processor Aggregator Device)

[0.108362] ACPI: Added _OSI(Linux-Dell-Video)

[0.108362] ACPI: Added _OSI(Linux-Lenovo-NV-HDMI-Audio)

[0.108362] ACPI: Added _OSI(Linux-HPI-Hybrid-Graphics)

[0.114158] ACPI: [Firmware Bug]: BIOS _OSI(Linux) query ignored

[0.128000] ACPI: Interpreter enabled

[0.128000] ACPI: (supports S0 S1 S4 S5)

[0.128000] ACPI: Using IOAPIC for interrupt routing

[0.128000] PCI: Using host bridge windows from ACPI; if necessary, use "pci=nocrs" and report a bug

[0.129438] ACPI: Enabled 4 GPEs in block 00 to 0F

[0.315177] ACPI: PCI Root Bridge [PCI0] (domain 0000 [bus 00-7f])

[0.315187] acpi PNP0A03:00: _OSC: OS supports [ExtendedConfig ASPM ClockPM Segments MSI]

[0.315375] acpi PNP0A03:00: _OSC: platform does not support [AER]

[0.315718] acpi PNP0A03:00: _OSC: OS now controls [PCIeHotplug PME PCIeCapability]

[0.317695] PCI host bridge to bus 0000:00

[0.317705] pci_bus 0000:00: root bus resource [mem 0x000a0000-0x000bffff window]

[0.317707] pci_bus 0000:00: root bus resource [mem 0x000d0000-0x000d3fff window]

[0.317708] pci_bus 0000:00: root bus resource [mem 0x000d4000-0x000d7fff window]

[0.317709] pci_bus 0000:00: root bus resource [mem 0x000d8000-0x000dbfff window]

[0.317710] pci_bus 0000:00: root bus resource [mem 0xc0000000-0xfebfffff window]

[0.317710] pci_bus 0000:00: root bus resource [io 0x0000-0x0cf7 window]

[0.317711] pci_bus 0000:00: root bus resource [io 0x0d00-0xfeff window]

[0.317714] pci_bus 0000:00: root bus resource [bus 00-7f]

[0.317858] pci 0000:00:00.0: [8086:7190] type 00 class 0x060000

[0.319384] pci 0000:00:01.0: [8086:7191] type 01 class 0x060400

[0.320000] pci 0000:00:07.0: [8086:7110] type 00 class 0x060100

[0.320000] pci 0000:00:07.1: [8086:7111] type 00 class 0x01018a

[0.322189] pci 0000:00:07.1: reg 0x20: [io 0x1060-0x106f]

[0.322885] pci 0000:00:07.1: legacy IDE quirk: reg 0x10: [io 0x01f0-0x01f7]

[0.322886] pci 0000:00:07.1: legacy IDE quirk: reg 0x14: [io 0x03f6]

[0.322887] pci 0000:00:07.1: legacy IDE quirk: reg 0x18: [io 0x0170-0x0177]

[0.322887] pci 0000:00:07.1: legacy IDE quirk: reg 0x1c: [io 0x0376]

[0.323451] pci 0000:00:07.3: [8086:7113] type 00 class 0x068000

[0.324000] pci 0000:00:07.3: quirk: [io 0x1000-0x103f] claimed by PIIX4 ACPI

[0.324000] pci 0000:00:07.3: quirk: [io 0x1040-0x104f] claimed by PIIX4 SMB

[0.324000] pci 0000:00:07.7: [15ad:0740] type 00 class 0x088000

[0.324000] pci 0000:00:07.7: reg 0x10: [io 0x1080-0x10bf]

[0.325228] pci 0000:00:07.7: reg 0x14: [mem 0xfebfe000-0xfebfffff 64bit]

[0.328000] pci 0000:00:0f.0: [15ad:0405] type 00 class 0x030000

[0.328000] pci 0000:00:0f.0: reg 0x10: [io 0x1070-0x107f]

[0.328752] pci 0000:00:0f.0: reg 0x14: [mem 0xe8000000-0xefffffff pref]

[0.330273] pci 0000:00:0f.0: reg 0x18: [mem 0xfe000000-0xfe7fffff]

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[    0.334506] pci 0000:00:0f.0: reg 0x30: [mem 0x00000000-0x00007fff pref]

[    0.335258] pci 0000:00:10.0: [1000:0030] type 00 class 0x010000

[    0.336000] pci 0000:00:10.0: reg 0x10: [io  0x1400-0x14ff]

[    0.336000] pci 0000:00:10.0: reg 0x14: [mem 0xfeba0000-0xfebbffff 64bit]

[    0.336614] pci 0000:00:10.0: reg 0x1c: [mem 0xfebc0000-0xfebdffff 64bit]

[    0.338430] pci 0000:00:10.0: reg 0x30: [mem 0x00000000-0x00003fff pref]

[    0.339010] pci 0000:00:11.0: [15ad:0790] type 01 class 0x060401

[    0.340133] pci 0000:00:15.0: [15ad:07a0] type 01 class 0x060400

[    0.341314] pci 0000:00:15.0: PME# supported from D0 D3hot D3cold

[    0.341748] pci 0000:00:15.1: [15ad:07a0] type 01 class 0x060400

[    0.342919] pci 0000:00:15.1: PME# supported from D0 D3hot D3cold

[    0.343379] pci 0000:00:15.2: [15ad:07a0] type 01 class 0x060400

[    0.344000] pci 0000:00:15.2: PME# supported from D0 D3hot D3cold

[    0.344000] pci 0000:00:15.3: [15ad:07a0] type 01 class 0x060400

[    0.344000] pci 0000:00:15.3: PME# supported from D0 D3hot D3cold

[    0.344266] pci 0000:00:15.4: [15ad:07a0] type 01 class 0x060400

[    0.345821] pci 0000:00:15.4: PME# supported from D0 D3hot D3cold

[    0.346357] pci 0000:00:15.5: [15ad:07a0] type 01 class 0x060400

[    0.347840] pci 0000:00:15.5: PME# supported from D0 D3hot D3cold

[    0.348398] pci 0000:00:15.6: [15ad:07a0] type 01 class 0x060400

[    0.349551] pci 0000:00:15.6: PME# supported from D0 D3hot D3cold

[    0.349956] pci 0000:00:15.7: [15ad:07a0] type 01 class 0x060400

[    0.351104] pci 0000:00:15.7: PME# supported from D0 D3hot D3cold

[    0.351511] pci 0000:00:16.0: [15ad:07a0] type 01 class 0x060400

[    0.352306] pci 0000:00:16.0: PME# supported from D0 D3hot D3cold

[    0.352820] pci 0000:00:16.1: [15ad:07a0] type 01 class 0x060400

[    0.354336] pci 0000:00:16.1: PME# supported from D0 D3hot D3cold

[    0.354783] pci 0000:00:16.2: [15ad:07a0] type 01 class 0x060400

[    0.356000] pci 0000:00:16.2: PME# supported from D0 D3hot D3cold

[    0.356000] pci 0000:00:16.3: [15ad:07a0] type 01 class 0x060400

[    0.356000] pci 0000:00:16.3: PME# supported from D0 D3hot D3cold
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[0.356000] pci 0000:00:16.4: [15ad:07a0] type 01 class 0x060400

[0.356000] pci 0000:00:16.4: PME# supported from D0 D3hot D3cold

[0.356065] pci 0000:00:16.5: [15ad:07a0] type 01 class 0x060400

[0.357203] pci 0000:00:16.5: PME# supported from D0 D3hot D3cold

[0.357830] pci 0000:00:16.6: [15ad:07a0] type 01 class 0x060400

[0.359180] pci 0000:00:16.6: PME# supported from D0 D3hot D3cold

[0.359610] pci 0000:00:16.7: [15ad:07a0] type 01 class 0x060400

[0.361274] pci 0000:00:16.7: PME# supported from D0 D3hot D3cold

[0.361792] pci 0000:00:17.0: [15ad:07a0] type 01 class 0x060400

[0.362994] pci 0000:00:17.0: PME# supported from D0 D3hot D3cold

[0.363421] pci 0000:00:17.1: [15ad:07a0] type 01 class 0x060400

[0.364000] pci 0000:00:17.1: PME# supported from D0 D3hot D3cold

[0.364000] pci 0000:00:17.2: [15ad:07a0] type 01 class 0x060400

[0.364461] pci 0000:00:17.2: PME# supported from D0 D3hot D3cold

[0.365203] pci 0000:00:17.3: [15ad:07a0] type 01 class 0x060400

[0.366662] pci 0000:00:17.3: PME# supported from D0 D3hot D3cold

[0.367194] pci 0000:00:17.4: [15ad:07a0] type 01 class 0x060400

[0.368000] pci 0000:00:17.4: PME# supported from D0 D3hot D3cold

[0.368000] pci 0000:00:17.5: [15ad:07a0] type 01 class 0x060400

[0.368000] pci 0000:00:17.5: PME# supported from D0 D3hot D3cold

[0.368000] pci 0000:00:17.6: [15ad:07a0] type 01 class 0x060400

[0.368411] pci 0000:00:17.6: PME# supported from D0 D3hot D3cold

[0.368994] pci 0000:00:17.7: [15ad:07a0] type 01 class 0x060400

[0.370355] pci 0000:00:17.7: PME# supported from D0 D3hot D3cold

[0.370795] pci 0000:00:18.0: [15ad:07a0] type 01 class 0x060400

[0.372000] pci 0000:00:18.0: PME# supported from D0 D3hot D3cold

[0.372000] pci 0000:00:18.1: [15ad:07a0] type 01 class 0x060400

[0.372000] pci 0000:00:18.1: PME# supported from D0 D3hot D3cold

[0.372179] pci 0000:00:18.2: [15ad:07a0] type 01 class 0x060400

[0.373340] pci 0000:00:18.2: PME# supported from D0 D3hot D3cold

[0.373843] pci 0000:00:18.3: [15ad:07a0] type 01 class 0x060400

[0.375275] pci 0000:00:18.3: PME# supported from D0 D3hot D3cold

[0.375825] pci 0000:00:18.4: [15ad:07a0] type 01 class 0x060400

[0.376000] pci 0000:00:18.4: PME# supported from D0 D3hot D3cold

[0.376000] pci 0000:00:18.5: [15ad:07a0] type 01 class 0x060400

[0.376219] pci 0000:00:18.5: PME# supported from D0 D3hot D3cold

[0.376623] pci 0000:00:18.6: [15ad:07a0] type 01 class 0x060400

[0.377771] pci 0000:00:18.6: PME# supported from D0 D3hot D3cold

[0.378177] pci 0000:00:18.7: [15ad:07a0] type 01 class 0x060400

[0.379393] pci 0000:00:18.7: PME# supported from D0 D3hot D3cold

[0.380000] pci 0000:00:01.0: PCI bridge to [bus 01]

[0.380000] acpiphp: Slot [32] registered

[0.380000] acpiphp: Slot [33] registered

[0.380000] acpiphp: Slot [34] registered

[0.380000] acpiphp: Slot [35] registered

[0.380000] acpiphp: Slot [36] registered

[0.380000] acpiphp: Slot [37] registered

[0.380000] acpiphp: Slot [38] registered

[0.380000] acpiphp: Slot [39] registered

[0.380000] acpiphp: Slot [40] registered

[0.380000] acpiphp: Slot [41] registered

[0.380000] acpiphp: Slot [42] registered

[0.380000] acpiphp: Slot [43] registered

[0.380000] acpiphp: Slot [44] registered

[0.380000] acpiphp: Slot [45] registered

[0.380000] acpiphp: Slot [46] registered

[0.380000] acpiphp: Slot [47] registered

[0.380000] acpiphp: Slot [48] registered

[0.380000] acpiphp: Slot [49] registered

[0.380000] acpiphp: Slot [50] registered

[0.380000] acpiphp: Slot [51] registered

[0.380000] acpiphp: Slot [52] registered

[0.380000] acpiphp: Slot [53] registered

[0.380000] acpiphp: Slot [54] registered

[0.380038] acpiphp: Slot [55] registered

[0.380100] acpiphp: Slot [56] registered

[0.380155] acpiphp: Slot [57] registered

[0.380210] acpiphp: Slot [58] registered

[0.380265] acpiphp: Slot [59] registered

[0.380319] acpiphp: Slot [60] registered

[0.380374] acpiphp: Slot [61] registered

[0.380428] acpiphp: Slot [62] registered

[0.380482] acpiphp: Slot [63] registered

[0.380584] pci 0000:02:00.0: [15ad:0774] type 00 class 0x0c0300

[0.382841] pci 0000:02:00.0: reg 0x20: [io 0x2080-0x209f]

[0.384000] pci 0000:02:01.0: [8086:100f] type 00 class 0x020000

[0.384000] pci 0000:02:01.0: reg 0x10: [mem 0xfd5c0000-0xfd5dffff 64bit]

[0.384000] pci 0000:02:01.0: reg 0x18: [mem 0xfdff0000-0xfdffffff 64bit]

[0.384017] pci 0000:02:01.0: reg 0x20: [io 0x2000-0x203f]

[0.386640] pci 0000:02:01.0: reg 0x30: [mem 0x00000000-0x0000ffff pref]

[0.387072] pci 0000:02:01.0: PME# supported from D0 D3hot D3cold

[0.387407] pci 0000:02:02.0: [1274:1371] type 00 class 0x040100

[0.387907] pci 0000:02:02.0: reg 0x10: [io 0x2040-0x207f]

[0.388093] pci 0000:02:03.0: [15ad:0770] type 00 class 0x0c0320

[0.388616] pci 0000:02:03.0: reg 0x10: [mem 0xfd5ef000-0xfd5effff]

[0.391714] pci 0000:02:05.0: [15ad:07e0] type 00 class 0x010601

[0.394551] pci 0000:02:05.0: reg 0x24: [mem 0xfd5ee000-0xfd5eefff]

[0.395027] pci 0000:02:05.0: reg 0x30: [mem 0x00000000-0x0000ffff pref]

[0.395632] pci 0000:02:05.0: PME# supported from D3hot

[0.396000] pci 0000:00:11.0: PCI bridge to [bus 02] (subtractive decode)

[0.396000] pci 0000:00:11.0:   bridge window [io 0x2000-0x3fff]

[0.396000] pci 0000:00:11.0:   bridge window [mem 0xfd500000-0xfdffffff]

[0.396000] pci 0000:00:11.0:   bridge window [mem 0xe7b00000-0xe7ffffff 64bit pref]

[0.396000] pci 0000:00:11.0:   bridge window [mem 0x000a0000-0x000bffff window] (subtractive decode)

[0.396000] pci 0000:00:11.0:   bridge window [mem 0x000d0000-0x000d3fff window] (subtractive decode)

[0.396000] pci 0000:00:11.0:   bridge window [mem 0x000d4000-0x000d7fff window] (subtractive decode)

[0.396000] pci 0000:00:11.0:   bridge window [mem 0x000d8000-0x000dbfff window] (subtractive decode)

[0.396000] pci 0000:00:11.0:   bridge window [mem 0xc0000000-0xfebfffff window] (subtractive decode)

[0.396000] pci 0000:00:11.0:   bridge window [io 0x0000-0x0cf7 window] (subtractive decode)

[0.396000] pci 0000:00:11.0:   bridge window [io 0x0d00-0xfeff window] (subtractive decode)

[0.396000] pci 0000:00:15.0: PCI bridge to [bus 03]

[0.396000] pci 0000:00:15.0:   bridge window [io 0x4000-0x4fff]

[0.396000] pci 0000:00:15.0:   bridge window [mem 0xfd400000-0xfd4fffff]

[0.396000] pci 0000:00:15.0:   bridge window [mem 0xe7a00000-0xe7afffff 64bit pref]

[0.396000] pci 0000:00:15.1: PCI bridge to [bus 04]

[0.396000] pci 0000:00:15.1:   bridge window [io 0x8000-0x8fff]

[0.396000] pci 0000:00:15.1:   bridge window [mem 0xfd000000-0xfd0fffff]

[0.396000] pci 0000:00:15.1:   bridge window [mem 0xe7600000-0xe76fffff 64bit pref]

[0.396000] pci 0000:00:15.2: PCI bridge to [bus 05]

[0.396000] pci 0000:00:15.2:   bridge window [io 0xc000-0xcfff]

[0.396000] pci 0000:00:15.2:   bridge window [mem 0xfcc00000-0xfccfffff]

[0.396000] pci 0000:00:15.2:   bridge window [mem 0xe7200000-0xe72fffff 64bit pref]

[0.396000] pci 0000:00:15.3: PCI bridge to [bus 06]

[0.396000] pci 0000:00:15.3:   bridge window [mem 0xfc800000-0xfc8fffff]

[0.396000] pci 0000:00:15.3:   bridge window [mem 0xe6e00000-0xe6efffff 64bit pref]

[0.396445] pci 0000:00:15.4: PCI bridge to [bus 07]

[0.396503] pci 0000:00:15.4:   bridge window [mem 0xfc400000-0xfc4fffff]

[0.396565] pci 0000:00:15.4:   bridge window [mem 0xe6a00000-0xe6afffff 64bit pref]

[0.397011] pci 0000:00:15.5: PCI bridge to [bus 08]

[0.397061] pci 0000:00:15.5:   bridge window [mem 0xfc000000-0xfc0fffff]

[0.397122] pci 0000:00:15.5:   bridge window [mem 0xe6600000-0xe66fffff 64bit pref]

[0.397657] pci 0000:00:15.6: PCI bridge to [bus 09]

[0.397707] pci 0000:00:15.6:   bridge window [mem 0xfbc00000-0xfbcfffff]

[0.397768] pci 0000:00:15.6:   bridge window [mem 0xe6200000-0xe62fffff 64bit pref]

[0.398215] pci 0000:00:15.7: PCI bridge to [bus 0a]

[0.398265] pci 0000:00:15.7:   bridge window [mem 0xfb800000-0xfb8fffff]

[0.398326] pci 0000:00:15.7:   bridge window [mem 0xe5e00000-0xe5efffff 64bit pref]

[0.398842] pci 0000:00:16.0: PCI bridge to [bus 0b]

[0.398862] pci 0000:00:16.0:   bridge window [io 0x5000-0x5fff]

[0.398893] pci 0000:00:16.0:   bridge window [mem 0xfd300000-0xfd3fffff]

[0.398955] pci 0000:00:16.0:   bridge window [mem 0xe7900000-0xe79fffff 64bit pref]

[0.399421] pci 0000:00:16.1: PCI bridge to [bus 0c]

[0.399441] pci 0000:00:16.1:   bridge window [io 0x9000-0x9fff]

[0.399472] pci 0000:00:16.1:   bridge window [mem 0xfcf00000-0xfcffffff]

[0.399533] pci 0000:00:16.1:   bridge window [mem 0xe7500000-0xe75fffff 64bit pref]

[0.400000] pci 0000:00:16.2: PCI bridge to [bus 0d]

[0.400000] pci 0000:00:16.2:   bridge window [io 0xd000-0xdfff]

[0.400000] pci 0000:00:16.2:   bridge window [mem 0xfcb00000-0xfcbfffff]

[0.400000] pci 0000:00:16.2:   bridge window [mem 0xe7100000-0xe71fffff 64bit pref]

[0.400000] pci 0000:00:16.3: PCI bridge to [bus 0e]

[0.400000] pci 0000:00:16.3:   bridge window [mem 0xfc700000-0xfc7fffff]

[0.400000] pci 0000:00:16.3:   bridge window [mem 0xe6d00000-0xe6dfffff 64bit pref]

[0.400000] pci 0000:00:16.4: PCI bridge to [bus 0f]

[0.400000] pci 0000:00:16.4:   bridge window [mem 0xfc300000-0xfc3fffff]

[0.400000] pci 0000:00:16.4:   bridge window [mem 0xe6900000-0xe69fffff 64bit pref]

[0.400000] pci 0000:00:16.5: PCI bridge to [bus 10]

[0.400000] pci 0000:00:16.5:   bridge window [mem 0xfbf00000-0xfbffffff]

[0.400000] pci 0000:00:16.5:   bridge window [mem 0xe6500000-0xe65fffff 64bit pref]

[0.400231] pci 0000:00:16.6: PCI bridge to [bus 11]

[0.400280] pci 0000:00:16.6:   bridge window [mem 0xfbb00000-0xfbbfffff]

[0.400340] pci 0000:00:16.6:   bridge window [mem 0xe6100000-0xe61fffff 64bit pref]

[0.400800] pci 0000:00:16.7: PCI bridge to [bus 12]

[0.400849] pci 0000:00:16.7:   bridge window [mem 0xfb700000-0xfb7fffff]

[0.400908] pci 0000:00:16.7:   bridge window [mem 0xe5d00000-0xe5dfffff 64bit pref]

[0.401419] pci 0000:00:17.0: PCI bridge to [bus 13]

[0.401439] pci 0000:00:17.0:   bridge window [io 0x6000-0x6fff]

[0.401469] pci 0000:00:17.0:   bridge window [mem 0xfd200000-0xfd2fffff]

[0.401528] pci 0000:00:17.0:   bridge window [mem 0xe7800000-0xe78fffff 64bit pref]

[0.401962] pci 0000:00:17.1: PCI bridge to [bus 14]

[0.401981] pci 0000:00:17.1:   bridge window [io 0xa000-0xafff]

[0.402012] pci 0000:00:17.1:   bridge window [mem 0xfce00000-0xfcefffff]

[0.402099] pci 0000:00:17.1:   bridge window [mem 0xe7400000-0xe74fffff 64bit pref]

[0.402559] pci 0000:00:17.2: PCI bridge to [bus 15]

[0.402578] pci 0000:00:17.2:   bridge window [io 0xe000-0xefff]

[0.402609] pci 0000:00:17.2:   bridge window [mem 0xfca00000-0xfcafffff]

[0.402667] pci 0000:00:17.2:   bridge window [mem 0xe7000000-0xe70fffff 64bit pref]

[0.403141] pci 0000:00:17.3: PCI bridge to [bus 16]

[0.403190] pci 0000:00:17.3:   bridge window [mem 0xfc600000-0xfc6fffff]

[0.403250] pci 0000:00:17.3:   bridge window [mem 0xe6c00000-0xe6cfffff 64bit pref]

[0.403754] pci 0000:00:17.4: PCI bridge to [bus 17]

[0.403802] pci 0000:00:17.4:   bridge window [mem 0xfc200000-0xfc2fffff]

[0.403862] pci 0000:00:17.4:   bridge window [mem 0xe6800000-0xe68fffff 64bit pref]

[0.404400] pci 0000:00:17.5: PCI bridge to [bus 18]

[0.404449] pci 0000:00:17.5:   bridge window [mem 0xfbe00000-0xfbefffff]

[0.404508] pci 0000:00:17.5:   bridge window [mem 0xe6400000-0xe64fffff 64bit pref]

[0.404973] pci 0000:00:17.6: PCI bridge to [bus 19]

[0.405023] pci 0000:00:17.6:   bridge window [mem 0xfba00000-0xfbafffff]

[0.405083] pci 0000:00:17.6:   bridge window [mem 0xe6000000-0xe60fffff 64bit pref]

[0.405891] pci 0000:00:17.7: PCI bridge to [bus 1a]

[0.405980] pci 0000:00:17.7:   bridge window [mem 0xfb600000-0xfb6fffff]

[0.406071] pci 0000:00:17.7:   bridge window [mem 0xe5c00000-0xe5cfffff 64bit pref]

[0.407226] pci 0000:00:18.0: PCI bridge to [bus 1b]

[0.407266] pci 0000:00:18.0:   bridge window [io 0x7000-0x7fff]

[0.407308] pci 0000:00:18.0:   bridge window [mem 0xfd100000-0xfd1fffff]

[0.407392] pci 0000:00:18.0:   bridge window [mem 0xe7700000-0xe77fffff 64bit pref]

[0.408480] pci 0000:00:18.1: PCI bridge to [bus 1c]

[0.408512] pci 0000:00:18.1:   bridge window [io 0xb000-0xbfff]

[0.408552] pci 0000:00:18.1:   bridge window [mem 0xfcd00000-0xfcdfffff]

[0.408631] pci 0000:00:18.1:   bridge window [mem 0xe7300000-0xe73fffff 64bit pref]

[0.409463] pci 0000:00:18.2: PCI bridge to [bus 1d]

[0.409521] pci 0000:00:18.2:   bridge window [mem 0xfc900000-0xfc9fffff]

[0.409589] pci 0000:00:18.2:   bridge window [mem 0xe6f00000-0xe6ffffff 64bit pref]

[0.410478] pci 0000:00:18.3: PCI bridge to [bus 1e]

[0.410528] pci 0000:00:18.3:   bridge window [mem 0xfc500000-0xfc5fffff]

[0.410591] pci 0000:00:18.3:   bridge window [mem 0xe6b00000-0xe6bfffff 64bit pref]

[0.411083] pci 0000:00:18.4: PCI bridge to [bus 1f]

[0.411134] pci 0000:00:18.4:   bridge window [mem 0xfc100000-0xfc1fffff]

[0.411236] pci 0000:00:18.4:   bridge window [mem 0xe6700000-0xe67fffff 64bit pref]

[0.412000] pci 0000:00:18.5: PCI bridge to [bus 20]

[0.412000] pci 0000:00:18.5:   bridge window [mem 0xfbd00000-0xfbdfffff]

[0.412000] pci 0000:00:18.5:   bridge window [mem 0xe6300000-0xe63fffff 64bit pref]

[0.412000] pci 0000:00:18.6: PCI bridge to [bus 21]

[0.412000] pci 0000:00:18.6:   bridge window [mem 0xfb900000-0xfb9fffff]

[0.412000] pci 0000:00:18.6:   bridge window [mem 0xe5f00000-0xe5ffffff 64bit pref]

[0.412000] pci 0000:00:18.7: PCI bridge to [bus 22]

[0.412000] pci 0000:00:18.7:   bridge window [mem 0xfb500000-0xfb5fffff]

[0.412000] pci 0000:00:18.7:   bridge window [mem 0xe5b00000-0xe5bfffff 64bit pref]

[0.415607] ACPI: PCI Interrupt Link [LNKA] (IRQs 3 4 5 6 7 *9 10 11 14 15)

[0.415732] ACPI: PCI Interrupt Link [LNKB] (IRQs 3 4 5 6 7 9 10 *11 14 15)

[0.415840] ACPI: PCI Interrupt Link [LNKC] (IRQs 3 4 5 6 7 9 *10 11 14 15)

[0.415927] ACPI: PCI Interrupt Link [LNKD] (IRQs 3 4 5 6 *7 9 10 11 14 15)

[0.447550] SCSI subsystem initialized

[0.448029] libata version 3.00 loaded.

[0.448051] pci 0000:00:0f.0: vgaarb: setting as boot VGA device

[0.448053] pci 0000:00:0f.0: vgaarb: VGA device added: decodes=io+mem,owns=io+mem,locks=none

[0.448063] pci 0000:00:0f.0: vgaarb: bridge control possible

[0.448063] vgaarb: loaded

[0.448133] ACPI: bus type USB registered

[0.448142] usbcore: registered new interface driver usbfs

[0.448146] usbcore: registered new interface driver hub

[0.448168] usbcore: registered new device driver usb

[0.448300] EDAC MC: Ver: 3.0.0

[0.450099] PCI: Using ACPI for IRQ routing

[0.484000] PCI: pci_cache_line_size set to 64 bytes

[0.484000] e820: reserve RAM buffer [mem 0x0009e800-0x0009ffff]

[0.484000] e820: reserve RAM buffer [mem 0xbfed0000-0xbfffffff]

[0.484000] NetLabel: Initializing

[0.484000] NetLabel: domain hash size = 128

[0.484000] NetLabel: protocols = UNLABELED CIPSOv4 CALIPSO

[0.484000] NetLabel: unlabeled traffic allowed by default

[0.485698] hpet0: at MMIO 0xfed00000, IRQs 2, 8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0

[0.485702] hpet0: 16 comparators, 64-bit 14.318180 MHz counter

[0.488000] clocksource: Switched to clocksource hpet

[0.534783] VFS: Disk quotas dquot_6.6.0

[0.534827] VFS: Dquot-cache hash table entries: 512 (order 0, 4096 bytes)

[0.535403] AppArmor: AppArmor Filesystem Enabled

[0.535423] pnp: PnP ACPI init

[0.535649] system 00:00: [io 0x1000-0x103f] has been reserved

[0.535650] system 00:00: [io 0x1040-0x104f] has been reserved

[0.535651] system 00:00: [io 0x0cf0-0x0cf1] has been reserved

[0.535654] system 00:00: Plug and Play ACPI device, IDs PNP0c02 (active)

[0.535672] pnp 00:01: Plug and Play ACPI device, IDs PNP0b00 (active)

[0.535814] pnp 00:02: Plug and Play ACPI device, IDs PNP0303 (active)

[0.535870] pnp 00:03: Plug and Play ACPI device, IDs VMW0003 PNP0f13 (active)

[0.536076] system 00:04: [mem 0xfed00000-0xfed003ff] has been reserved

[0.536078] system 00:04: Plug and Play ACPI device, IDs PNP0103 PNP0c01 (active)

[0.537620] pnp 00:05: Plug and Play ACPI device, IDs PNP0501 (active)

[0.538354] system 00:06: [io 0xfce0-0xfcff] has been reserved

[0.538356] system 00:06: [mem 0xf0000000-0xf7ffffff] has been reserved

[0.538357] system 00:06: [mem 0xfe800000-0xfe9fffff] has been reserved

[0.538360] system 00:06: Plug and Play ACPI device, IDs PNP0c02 (active)

[0.576589] pnp: PnP ACPI: found 7 devices

[0.604572] clocksource: acpi_pm: mask: 0xffffff max_cycles: 0xffffff, max_idle_ns: 2085701024 ns

[0.604630] pci 0000:00:15.3: bridge window [io 0x1000-0x0fff] to [bus 06] add_size 1000

[0.604632] pci 0000:00:15.4: bridge window [io 0x1000-0x0fff] to [bus 07] add_size 1000

[0.604635] pci 0000:00:15.5: bridge window [io 0x1000-0x0fff] to [bus 08] add_size 1000

[0.604638] pci 0000:00:15.6: bridge window [io 0x1000-0x0fff] to [bus 09] add_size 1000

[0.604642] pci 0000:00:15.7: bridge window [io 0x1000-0x0fff] to [bus 0a] add_size 1000

[0.604645] pci 0000:00:16.3: bridge window [io 0x1000-0x0fff] to [bus 0e] add_size 1000

[0.604650] pci 0000:00:16.4: bridge window [io 0x1000-0x0fff] to [bus 0f] add_size 1000

[0.604796] pci 0000:00:16.5: bridge window [io 0x1000-0x0fff] to [bus 10] add_size 1000

[0.604800] pci 0000:00:16.6: bridge window [io 0x1000-0x0fff] to [bus 11] add_size 1000

[0.604801] pci 0000:00:16.7: bridge window [io 0x1000-0x0fff] to [bus 12] add_size 1000

[0.604807] pci 0000:00:17.3: bridge window [io 0x1000-0x0fff] to [bus 16] add_size 1000

[0.604809] pci 0000:00:17.4: bridge window [io 0x1000-0x0fff] to [bus 17] add_size 1000

[0.604811] pci 0000:00:17.5: bridge window [io 0x1000-0x0fff] to [bus 18] add_size 1000

[0.604813] pci 0000:00:17.6: bridge window [io 0x1000-0x0fff] to [bus 19] add_size 1000

[0.604816] pci 0000:00:17.7: bridge window [io 0x1000-0x0fff] to [bus 1a] add_size 1000

[0.604821] pci 0000:00:18.2: bridge window [io 0x1000-0x0fff] to [bus 1d] add_size 1000

[0.604824] pci 0000:00:18.3: bridge window [io 0x1000-0x0fff] to [bus 1e] add_size 1000

[0.604827] pci 0000:00:18.4: bridge window [io 0x1000-0x0fff] to [bus 1f] add_size 1000

[0.604830] pci 0000:00:18.5: bridge window [io 0x1000-0x0fff] to [bus 20] add_size 1000

[0.604832] pci 0000:00:18.6: bridge window [io 0x1000-0x0fff] to [bus 21] add_size 1000

[0.604834] pci 0000:00:18.7: bridge window [io 0x1000-0x0fff] to [bus 22] add_size 1000

[0.604919] pci 0000:00:0f.0: BAR 6: assigned [mem 0xc0000000-0xc0007fff pref]

[0.604923] pci 0000:00:10.0: BAR 6: assigned [mem 0xc0008000-0xc000bfff pref]

[0.604929] pci 0000:00:15.3: BAR 13: no space for [io size 0x1000]

[0.604930] pci 0000:00:15.3: BAR 13: failed to assign [io size 0x1000]

[0.604933] pci 0000:00:15.4: BAR 13: no space for [io size 0x1000]

[0.604933] pci 0000:00:15.4: BAR 13: failed to assign [io size 0x1000]

[0.604935] pci 0000:00:15.5: BAR 13: no space for [io size 0x1000]

[0.604936] pci 0000:00:15.5: BAR 13: failed to assign [io size 0x1000]

[0.604938] pci 0000:00:15.6: BAR 13: no space for [io size 0x1000]

[0.604939] pci 0000:00:15.6: BAR 13: failed to assign [io size 0x1000]

[0.604941] pci 0000:00:15.7: BAR 13: no space for [io size 0x1000]

[0.604942] pci 0000:00:15.7: BAR 13: failed to assign [io size 0x1000]

[0.604943] pci 0000:00:16.3: BAR 13: no space for [io size 0x1000]

[0.604944] pci 0000:00:16.3: BAR 13: failed to assign [io size 0x1000]

[0.604947] pci 0000:00:16.4: BAR 13: no space for [io size 0x1000]

[0.604948] pci 0000:00:16.4: BAR 13: failed to assign [io size 0x1000]

[0.604949] pci 0000:00:16.5: BAR 13: no space for [io size 0x1000]

[0.604950] pci 0000:00:16.5: BAR 13: failed to assign [io size 0x1000]

[0.604951] pci 0000:00:16.6: BAR 13: no space for [io size 0x1000]

[0.604952] pci 0000:00:16.6: BAR 13: failed to assign [io size 0x1000]

[0.604953] pci 0000:00:16.7: BAR 13: no space for [io size 0x1000]

[0.604954] pci 0000:00:16.7: BAR 13: failed to assign [io size 0x1000]

[0.604955] pci 0000:00:17.3: BAR 13: no space for [io size 0x1000]

[0.604956] pci 0000:00:17.3: BAR 13: failed to assign [io size 0x1000]

[0.604957] pci 0000:00:17.4: BAR 13: no space for [io size 0x1000]

[0.604958] pci 0000:00:17.4: BAR 13: failed to assign [io size 0x1000]

[0.604960] pci 0000:00:17.5: BAR 13: no space for [io size 0x1000]

[0.604961] pci 0000:00:17.5: BAR 13: failed to assign [io size 0x1000]

[0.604962] pci 0000:00:17.6: BAR 13: no space for [io size 0x1000]

[0.604963] pci 0000:00:17.6: BAR 13: failed to assign [io size 0x1000]

[0.604964] pci 0000:00:17.7: BAR 13: no space for [io size 0x1000]

[0.604965] pci 0000:00:17.7: BAR 13: failed to assign [io size 0x1000]

[0.604967] pci 0000:00:18.2: BAR 13: no space for [io size 0x1000]

[0.604967] pci 0000:00:18.2: BAR 13: failed to assign [io size 0x1000]

[0.604969] pci 0000:00:18.3: BAR 13: no space for [io size 0x1000]

[0.604969] pci 0000:00:18.3: BAR 13: failed to assign [io size 0x1000]

[0.604971] pci 0000:00:18.4: BAR 13: no space for [io size 0x1000]

[0.604972] pci 0000:00:18.4: BAR 13: failed to assign [io size 0x1000]

[0.604973] pci 0000:00:18.5: BAR 13: no space for [io size 0x1000]

[0.604974] pci 0000:00:18.5: BAR 13: failed to assign [io size 0x1000]

[0.604975] pci 0000:00:18.6: BAR 13: no space for [io size 0x1000]

[0.604976] pci 0000:00:18.6: BAR 13: failed to assign [io size 0x1000]

[0.604978] pci 0000:00:18.7: BAR 13: no space for [io size 0x1000]

[0.604979] pci 0000:00:18.7: BAR 13: failed to assign [io size 0x1000]

[0.604985] pci 0000:00:18.7: BAR 13: no space for [io size 0x1000]

[0.604986] pci 0000:00:18.7: BAR 13: failed to assign [io size 0x1000]

[0.604987] pci 0000:00:18.6: BAR 13: no space for [io size 0x1000]

[0.604988] pci 0000:00:18.6: BAR 13: failed to assign [io size 0x1000]

[0.604989] pci 0000:00:18.5: BAR 13: no space for [io size 0x1000]

[0.604990] pci 0000:00:18.5: BAR 13: failed to assign [io size 0x1000]

[0.604991] pci 0000:00:18.4: BAR 13: no space for [io size 0x1000]

[0.604992] pci 0000:00:18.4: BAR 13: failed to assign [io size 0x1000]

[0.604994] pci 0000:00:18.3: BAR 13: no space for [io size 0x1000]

[0.604995] pci 0000:00:18.3: BAR 13: failed to assign [io size 0x1000]

[0.604996] pci 0000:00:18.2: BAR 13: no space for [io size 0x1000]

[0.604997] pci 0000:00:18.2: BAR 13: failed to assign [io size 0x1000]

[0.604998] pci 0000:00:17.7: BAR 13: no space for [io size 0x1000]

[0.604999] pci 0000:00:17.7: BAR 13: failed to assign [io size 0x1000]

[0.605000] pci 0000:00:17.6: BAR 13: no space for [io size 0x1000]

[0.605002] pci 0000:00:17.6: BAR 13: failed to assign [io size 0x1000]

[0.605003] pci 0000:00:17.5: BAR 13: no space for [io size 0x1000]

[0.605004] pci 0000:00:17.5: BAR 13: failed to assign [io size 0x1000]

[0.605005] pci 0000:00:17.4: BAR 13: no space for [io size 0x1000]

[0.605006] pci 0000:00:17.4: BAR 13: failed to assign [io size 0x1000]

[0.605007] pci 0000:00:17.3: BAR 13: no space for [io size 0x1000]

[0.605008] pci 0000:00:17.3: BAR 13: failed to assign [io size 0x1000]

[0.605009] pci 0000:00:16.7: BAR 13: no space for [io size 0x1000]

[0.605010] pci 0000:00:16.7: BAR 13: failed to assign [io size 0x1000]

[0.605011] pci 0000:00:16.6: BAR 13: no space for [io size 0x1000]

[0.605012] pci 0000:00:16.6: BAR 13: failed to assign [io size 0x1000]

[0.605013] pci 0000:00:16.5: BAR 13: no space for [io size 0x1000]

[0.605014] pci 0000:00:16.5: BAR 13: failed to assign [io size 0x1000]

[0.605015] pci 0000:00:16.4: BAR 13: no space for [io size 0x1000]

[0.605016] pci 0000:00:16.4: BAR 13: failed to assign [io size 0x1000]

[0.605018] pci 0000:00:16.3: BAR 13: no space for [io size 0x1000]

[0.605019] pci 0000:00:16.3: BAR 13: failed to assign [io size 0x1000]

[0.605020] pci 0000:00:15.7: BAR 13: no space for [io size 0x1000]

[0.605021] pci 0000:00:15.7: BAR 13: failed to assign [io size 0x1000]

[0.605022] pci 0000:00:15.6: BAR 13: no space for [io size 0x1000]

[0.605023] pci 0000:00:15.6: BAR 13: failed to assign [io size 0x1000]

[0.605024] pci 0000:00:15.5: BAR 13: no space for [io size 0x1000]

[0.605025] pci 0000:00:15.5: BAR 13: failed to assign [io size 0x1000]

[0.605027] pci 0000:00:15.4: BAR 13: no space for [io size 0x1000]

[0.605027] pci 0000:00:15.4: BAR 13: failed to assign [io size 0x1000]

[0.605029] pci 0000:00:15.3: BAR 13: no space for [io size 0x1000]

[0.605030] pci 0000:00:15.3: BAR 13: failed to assign [io size 0x1000]

[0.605035] pci 0000:00:01.0: PCI bridge to [bus 01]

[0.605427] pci 0000:02:01.0: BAR 6: assigned [mem 0xfd500000-0xfd50ffff pref]

[0.605429] pci 0000:02:05.0: BAR 6: assigned [mem 0xfd510000-0xfd51ffff pref]

[0.605432] pci 0000:00:11.0: PCI bridge to [bus 02]

[0.605486] pci 0000:00:11.0:   bridge window [io 0x2000-0x3fff]

[0.605551] pci 0000:00:11.0:   bridge window [mem 0xfd500000-0xfdffffff]

[0.605611] pci 0000:00:11.0:   bridge window [mem 0xe7b00000-0xe7ffffff 64bit pref]

[0.605692] pci 0000:00:15.0: PCI bridge to [bus 03]

[0.605715] pci 0000:00:15.0:   bridge window [io 0x4000-0x4fff]

[0.605775] pci 0000:00:15.0:   bridge window [mem 0xfd400000-0xfd4fffff]

[0.605817] pci 0000:00:15.0:   bridge window [mem 0xe7a00000-0xe7afffff 64bit pref]

[0.606123] pci 0000:00:15.1: PCI bridge to [bus 04]

[0.606168] pci 0000:00:15.1:   bridge window [io 0x8000-0x8fff]

[0.606232] pci 0000:00:15.1:   bridge window [mem 0xfd000000-0xfd0fffff]

[0.606263] pci 0000:00:15.1:   bridge window [mem 0xe7600000-0xe76fffff 64bit pref]

[0.606368] pci 0000:00:15.2: PCI bridge to [bus 05]

[0.606386] pci 0000:00:15.2:   bridge window [io 0xc000-0xcfff]

[0.606450] pci 0000:00:15.2:   bridge window [mem 0xfcc00000-0xfccfffff]

[0.606511] pci 0000:00:15.2:   bridge window [mem 0xe7200000-0xe72fffff 64bit pref]

[0.606646] pci 0000:00:15.3: PCI bridge to [bus 06]

[0.606717] pci 0000:00:15.3:   bridge window [mem 0xfc800000-0xfc8fffff]

[0.606758] pci 0000:00:15.3:   bridge window [mem 0xe6e00000-0xe6efffff 64bit pref]

[0.606846] pci 0000:00:15.4: PCI bridge to [bus 07]

[0.606923] pci 0000:00:15.4:   bridge window [mem 0xfc400000-0xfc4fffff]

[0.606981] pci 0000:00:15.4:   bridge window [mem 0xe6a00000-0xe6afffff 64bit pref]

[0.607069] pci 0000:00:15.5: PCI bridge to [bus 08]

[0.607168] pci 0000:00:15.5:   bridge window [mem 0xfc000000-0xfc0fffff]

[0.607201] pci 0000:00:15.5:   bridge window [mem 0xe6600000-0xe66fffff 64bit pref]

[0.607286] pci 0000:00:15.6: PCI bridge to [bus 09]

[0.607336] pci 0000:00:15.6:   bridge window [mem 0xfbc00000-0xfbcfffff]

[0.607368] pci 0000:00:15.6:   bridge window [mem 0xe6200000-0xe62fffff 64bit pref]

[0.607446] pci 0000:00:15.7: PCI bridge to [bus 0a]

[0.607497] pci 0000:00:15.7:   bridge window [mem 0xfb800000-0xfb8fffff]

[0.607530] pci 0000:00:15.7:   bridge window [mem 0xe5e00000-0xe5efffff 64bit pref]

[0.607608] pci 0000:00:16.0: PCI bridge to [bus 0b]

[0.607628] pci 0000:00:16.0:   bridge window [io 0x5000-0x5fff]

[0.607692] pci 0000:00:16.0:   bridge window [mem 0xfd300000-0xfd3fffff]

[0.607724] pci 0000:00:16.0:   bridge window [mem 0xe7900000-0xe79fffff 64bit pref]

[0.607801] pci 0000:00:16.1: PCI bridge to [bus 0c]

[0.607819] pci 0000:00:16.1:   bridge window [io 0x9000-0x9fff]

[0.607876] pci 0000:00:16.1:   bridge window [mem 0xfcf00000-0xfcfffffff]

[0.607907] pci 0000:00:16.1:   bridge window [mem 0xe7500000-0xe75fffff 64bit pref]

[0.608009] pci 0000:00:16.2: PCI bridge to [bus 0d]

[0.608028] pci 0000:00:16.2:   bridge window [io 0xd000-0xdfff]

[0.608118] pci 0000:00:16.2:   bridge window [mem 0xfcb00000-0xfcbfffff]

[0.608168] pci 0000:00:16.2:   bridge window [mem 0xe7100000-0xe71fffff 64bit pref]

[0.608244] pci 0000:00:16.3: PCI bridge to [bus 0e]

[0.608292] pci 0000:00:16.3:   bridge window [mem 0xfc700000-0xfc7fffff]

[0.608323] pci 0000:00:16.3:   bridge window [mem 0xe6d00000-0xe6dfffff 64bit pref]

[0.608398] pci 0000:00:16.4: PCI bridge to [bus 0f]

[0.608445] pci 0000:00:16.4:   bridge window [mem 0xfc300000-0xfc3fffff]

[0.608477] pci 0000:00:16.4:   bridge window [mem 0xe6900000-0xe69fffff 64bit pref]

[0.608552] pci 0000:00:16.5: PCI bridge to [bus 10]

[0.608599] pci 0000:00:16.5:   bridge window [mem 0xfbf00000-0xfbfffffff]

[0.608630] pci 0000:00:16.5:   bridge window [mem 0xe6500000-0xe65fffff 64bit pref]

[0.608703] pci 0000:00:16.6: PCI bridge to [bus 11]

[0.608752] pci 0000:00:16.6:   bridge window [mem 0xfbb00000-0xfbbfffff]

[0.608783] pci 0000:00:16.6:   bridge window [mem 0xe6100000-0xe61fffff 64bit pref]

[0.608858] pci 0000:00:16.7: PCI bridge to [bus 12]

[0.608918] pci 0000:00:16.7:   bridge window [mem 0xfb700000-0xfb7fffff]

[0.608949] pci 0000:00:16.7:   bridge window [mem 0xe5d00000-0xe5dfffff 64bit pref]

[0.609023] pci 0000:00:17.0: PCI bridge to [bus 13]

[0.609042] pci 0000:00:17.0:   bridge window [io 0x6000-0x6fff]

[0.609087] pci 0000:00:17.0:   bridge window [mem 0xfd200000-0xfd2fffff]

[0.609118] pci 0000:00:17.0:   bridge window [mem 0xe7800000-0xe78fffff 64bit pref]

[0.609191] pci 0000:00:17.1: PCI bridge to [bus 14]

[0.609208] pci 0000:00:17.1:   bridge window [io 0xa000-0xafff]

[0.609253] pci 0000:00:17.1:   bridge window [mem 0xfce00000-0xfcefffff]

[0.609284] pci 0000:00:17.1:   bridge window [mem 0xe7400000-0xe74fffff 64bit pref]

[0.609357] pci 0000:00:17.2: PCI bridge to [bus 15]

[0.609374] pci 0000:00:17.2:   bridge window [io 0xe000-0xefff]

[0.609420] pci 0000:00:17.2:   bridge window [mem 0xfca00000-0xfcaffffff]

[0.609451] pci 0000:00:17.2:   bridge window [mem 0xe7000000-0xe70ffffff 64bit pref]

[0.609525] pci 0000:00:17.3: PCI bridge to [bus 16]

[0.609574] pci 0000:00:17.3:   bridge window [mem 0xfc600000-0xfc6ffff]

[0.609605] pci 0000:00:17.3:   bridge window [mem 0xe6c00000-0xe6cffff 64bit pref]

[0.609682] pci 0000:00:17.4: PCI bridge to [bus 17]

[0.609731] pci 0000:00:17.4:   bridge window [mem 0xfc200000-0xfc2ffff]

[0.609763] pci 0000:00:17.4:   bridge window [mem 0xe6800000-0xe68ffff 64bit pref]

[0.609837] pci 0000:00:17.5: PCI bridge to [bus 18]

[0.609913] pci 0000:00:17.5:   bridge window [mem 0xfbe00000-0xfbeffff]

[0.610210] pci 0000:00:17.5:   bridge window [mem 0xe6400000-0xe64ffff 64bit pref]

[0.610313] pci 0000:00:17.6: PCI bridge to [bus 19]

[0.610385] pci 0000:00:17.6:   bridge window [mem 0xfba00000-0xfbaffff]

[0.610416] pci 0000:00:17.6:   bridge window [mem 0xe6000000-0xe60ffff 64bit pref]

[0.610509] pci 0000:00:17.7: PCI bridge to [bus 1a]

[0.610556] pci 0000:00:17.7:   bridge window [mem 0xfb600000-0xfb6ffff]

[0.610586] pci 0000:00:17.7:   bridge window [mem 0xe5c00000-0xe5cffff 64bit pref]

[0.610658] pci 0000:00:18.0: PCI bridge to [bus 1b]

[0.610676] pci 0000:00:18.0:   bridge window [io 0x7000-0x7fff]

[0.610721] pci 0000:00:18.0:   bridge window [mem 0xfd100000-0xfd1ffff]

[0.610751] pci 0000:00:18.0:   bridge window [mem 0xe7700000-0xe77ffff 64bit pref]

[0.610824] pci 0000:00:18.1: PCI bridge to [bus 1c]

[0.610841] pci 0000:00:18.1:   bridge window [io 0xb000-0xbfff]

[0.610886] pci 0000:00:18.1:   bridge window [mem 0xfcd00000-0xfcdffff]

[0.610916] pci 0000:00:18.1:   bridge window [mem 0xe7300000-0xe73ffff 64bit pref]

[0.610988] pci 0000:00:18.2: PCI bridge to [bus 1d]

[0.611034] pci 0000:00:18.2:   bridge window [mem 0xfc900000-0xfc9ffff]

[0.611074] pci 0000:00:18.2:   bridge window [mem 0xe6f00000-0xe6fffff 64bit pref]

[0.611154] pci 0000:00:18.3: PCI bridge to [bus 1e]

[0.611201] pci 0000:00:18.3:   bridge window [mem 0xfc500000-0xfc5ffff]

[0.611232] pci 0000:00:18.3:   bridge window [mem 0xe6b00000-0xe6bfffff 64bit pref]

[0.611304] pci 0000:00:18.4: PCI bridge to [bus 1f]

[0.611351] pci 0000:00:18.4:   bridge window [mem 0xfc100000-0xfc1fffff]

[0.611382] pci 0000:00:18.4:   bridge window [mem 0xe6700000-0xe67fffff 64bit pref]

[0.611456] pci 0000:00:18.5: PCI bridge to [bus 20]

[0.611503] pci 0000:00:18.5:   bridge window [mem 0xfbd00000-0xfbdfffff]

[0.611534] pci 0000:00:18.5:   bridge window [mem 0xe6300000-0xe63fffff 64bit pref]

[0.611606] pci 0000:00:18.6: PCI bridge to [bus 21]

[0.611653] pci 0000:00:18.6:   bridge window [mem 0xfb900000-0xfb9fffff]

[0.611684] pci 0000:00:18.6:   bridge window [mem 0xe5f00000-0xe5ffffff 64bit pref]

[0.611757] pci 0000:00:18.7: PCI bridge to [bus 22]

[0.611804] pci 0000:00:18.7:   bridge window [mem 0xfb500000-0xfb5fffff]

[0.611835] pci 0000:00:18.7:   bridge window [mem 0xe5b00000-0xe5bfffff 64bit pref]

[0.611910] pci_bus 0000:00: resource 4 [mem 0x000a0000-0x000bffff window]

[0.611910] pci_bus 0000:00: resource 5 [mem 0x000d0000-0x000d3fff window]

[0.611911] pci_bus 0000:00: resource 6 [mem 0x000d4000-0x000d7fff window]

[0.611911] pci_bus 0000:00: resource 7 [mem 0x000d8000-0x000dbfff window]

[0.611912] pci_bus 0000:00: resource 8 [mem 0xc0000000-0xfebfffff window]

[0.611913] pci_bus 0000:00: resource 9 [io 0x0000-0x0cf7 window]

[0.611913] pci_bus 0000:00: resource 10 [io 0x0d00-0xfeff window]

[0.611915] pci_bus 0000:02: resource 0 [io 0x2000-0x3fff]

[0.611916] pci_bus 0000:02: resource 1 [mem 0xfd500000-0xfdffffff]

[0.611916] pci_bus 0000:02: resource 2 [mem 0xe7b00000-0xe7ffffff 64bit pref]

[0.611917] pci_bus 0000:02: resource 4 [mem 0x000a0000-0x000bffff window]

[0.611917] pci_bus 0000:02: resource 5 [mem 0x000d0000-0x000d3fff window]

[0.611918] pci_bus 0000:02: resource 6 [mem 0x000d4000-0x000d7fff window]

[0.611919] pci_bus 0000:02: resource 7 [mem 0x000d8000-0x000dbfff window]

[0.611919] pci_bus 0000:02: resource 8 [mem 0xc0000000-0xfebfffff window]

[0.611920] pci_bus 0000:02: resource 9 [io 0x0000-0x0cf7 window]

[0.611920] pci_bus 0000:02: resource 10 [io 0x0d00-0xfeff window]

[0.611921] pci_bus 0000:03: resource 0 [io 0x4000-0x4fff]

[0.611922] pci_bus 0000:03: resource 1 [mem 0xfd400000-0xfd4fffff]

[0.611922] pci_bus 0000:03: resource 2 [mem 0xe7a00000-0xe7afffff 64bit pref]

[0.611923] pci_bus 0000:04: resource 0 [io 0x8000-0x8fff]

[0.611924] pci_bus 0000:04: resource 1 [mem 0xfd000000-0xfd0fffff]

[0.611924] pci_bus 0000:04: resource 2 [mem 0xe7600000-0xe76fffff 64bit pref]

[0.611925] pci_bus 0000:05: resource 0 [io 0xc000-0xcfff]

[0.611926] pci_bus 0000:05: resource 1 [mem 0xfcc00000-0xfccfffff]

[0.611926] pci_bus 0000:05: resource 2 [mem 0xe7200000-0xe72fffff 64bit pref]

[0.611927] pci_bus 0000:06: resource 1 [mem 0xfc800000-0xfc8fffff]

[0.611928] pci_bus 0000:06: resource 2 [mem 0xe6e00000-0xe6efffff 64bit pref]

[0.611929] pci_bus 0000:07: resource 1 [mem 0xfc400000-0xfc4fffff]

[0.611929] pci_bus 0000:07: resource 2 [mem 0xe6a00000-0xe6afffff 64bit pref]

[0.611930] pci_bus 0000:08: resource 1 [mem 0xfc000000-0xfc0fffff]

[0.611930] pci_bus 0000:08: resource 2 [mem 0xe6600000-0xe66fffff 64bit pref]

[0.611931] pci_bus 0000:09: resource 1 [mem 0xfbc00000-0xfbcfffff]

[0.611932] pci_bus 0000:09: resource 2 [mem 0xe6200000-0xe62fffff 64bit pref]

[0.611933] pci_bus 0000:0a: resource 1 [mem 0xfb800000-0xfb8fffff]

[0.611933] pci_bus 0000:0a: resource 2 [mem 0xe5e00000-0xe5efffff 64bit pref]

[0.611934] pci_bus 0000:0b: resource 0 [io 0x5000-0x5fff]

[0.611935] pci_bus 0000:0b: resource 1 [mem 0xfd300000-0xfd3fffff]

[0.611935] pci_bus 0000:0b: resource 2 [mem 0xe7900000-0xe79fffff 64bit pref]

[0.611936] pci_bus 0000:0c: resource 0 [io 0x9000-0x9fff]

[0.611936] pci_bus 0000:0c: resource 1 [mem 0xfcf00000-0xfcffffff]

[0.611937] pci_bus 0000:0c: resource 2 [mem 0xe7500000-0xe75fffff 64bit pref]

[0.611938] pci_bus 0000:0d: resource 0 [io 0xd000-0xdfff]

[0.611938] pci_bus 0000:0d: resource 1 [mem 0xfcb00000-0xfcbfffff]

[0.611938] pci_bus 0000:0d: resource 2 [mem 0xe7100000-0xe71fffff 64bit pref]

[0.611939] pci_bus 0000:0e: resource 1 [mem 0xfc700000-0xfc7fffff]

[0.611940] pci_bus 0000:0e: resource 2 [mem 0xe6d00000-0xe6dfffff 64bit pref]

[0.611940] pci_bus 0000:0f: resource 1 [mem 0xfc300000-0xfc3fffff]

[0.611941] pci_bus 0000:0f: resource 2 [mem 0xe6900000-0xe69fffff 64bit pref]

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[    0.611942] pci_bus 0000:10: resource 1 [mem 0xfbf00000-0xfbffffff]

[    0.611942] pci_bus 0000:10: resource 2 [mem 0xe6500000-0xe65fffff 64bit pref]

[    0.611943] pci_bus 0000:11: resource 1 [mem 0xfbb00000-0xfbbfffff]

[    0.611943] pci_bus 0000:11: resource 2 [mem 0xe6100000-0xe61fffff 64bit pref]

[    0.611944] pci_bus 0000:12: resource 1 [mem 0xfb700000-0xfb7fffff]

[    0.611944] pci_bus 0000:12: resource 2 [mem 0xe5d00000-0xe5dfffff 64bit pref]

[    0.611945] pci_bus 0000:13: resource 0 [io  0x6000-0x6fff]

[    0.611945] pci_bus 0000:13: resource 1 [mem 0xfd200000-0xfd2fffff]

[    0.611946] pci_bus 0000:13: resource 2 [mem 0xe7800000-0xe78fffff 64bit pref]

[    0.611947] pci_bus 0000:14: resource 0 [io  0xa000-0xafff]

[    0.611947] pci_bus 0000:14: resource 1 [mem 0xfce00000-0xfcefffff]

[    0.611948] pci_bus 0000:14: resource 2 [mem 0xe7400000-0xe74fffff 64bit pref]

[    0.611949] pci_bus 0000:15: resource 0 [io  0xe000-0xefff]

[    0.611949] pci_bus 0000:15: resource 1 [mem 0xfca00000-0xfcafffff]

[    0.611950] pci_bus 0000:15: resource 2 [mem 0xe7000000-0xe70fffff 64bit pref]

[    0.611950] pci_bus 0000:16: resource 1 [mem 0xfc600000-0xfc6fffff]

[    0.611951] pci_bus 0000:16: resource 2 [mem 0xe6c00000-0xe6cfffff 64bit pref]

[    0.611952] pci_bus 0000:17: resource 1 [mem 0xfc200000-0xfc2fffff]

[    0.611952] pci_bus 0000:17: resource 2 [mem 0xe6800000-0xe68fffff 64bit pref]

[    0.611953] pci_bus 0000:18: resource 1 [mem 0xfbe00000-0xfbefffff]

[    0.611953] pci_bus 0000:18: resource 2 [mem 0xe6400000-0xe64fffff 64bit pref]

[    0.611954] pci_bus 0000:19: resource 1 [mem 0xfba00000-0xfbafffff]

[    0.611954] pci_bus 0000:19: resource 2 [mem 0xe6000000-0xe60fffff 64bit pref]

[    0.611955] pci_bus 0000:1a: resource 1 [mem 0xfb600000-0xfb6fffff]

[    0.611956] pci_bus 0000:1a: resource 2 [mem 0xe5c00000-0xe5cfffff 64bit pref]

[    0.611957] pci_bus 0000:1b: resource 0 [io  0x7000-0x7fff]

[    0.611957] pci_bus 0000:1b: resource 1 [mem 0xfd100000-0xfd1fffff]

[    0.611957] pci_bus 0000:1b: resource 2 [mem 0xe7700000-0xe77fffff 64bit pref]

[    0.611958] pci_bus 0000:1c: resource 0 [io  0xb000-0xbfff]

[    0.611959] pci_bus 0000:1c: resource 1 [mem 0xfcd00000-0xfcdfffff]

[    0.611959] pci_bus 0000:1c: resource 2 [mem 0xe7300000-0xe73fffff 64bit pref]
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[0.611960] pci_bus 0000:1d: resource 1 [mem 0xfc900000-0xfc9fffff]

[0.611960] pci_bus 0000:1d: resource 2 [mem 0xe6f00000-0xe6ffffff 64bit pref]

[0.611961] pci_bus 0000:1e: resource 1 [mem 0xfc500000-0xfc5fffff]

[0.611961] pci_bus 0000:1e: resource 2 [mem 0xe6b00000-0xe6bfffff 64bit pref]

[0.611962] pci_bus 0000:1f: resource 1 [mem 0xfc100000-0xfc1fffff]

[0.611963] pci_bus 0000:1f: resource 2 [mem 0xe6700000-0xe67fffff 64bit pref]

[0.611963] pci_bus 0000:20: resource 1 [mem 0xfbd00000-0xfbdfffff]

[0.611964] pci_bus 0000:20: resource 2 [mem 0xe6300000-0xe63fffff 64bit pref]

[0.611964] pci_bus 0000:21: resource 1 [mem 0xfb900000-0xfb9fffff]

[0.611965] pci_bus 0000:21: resource 2 [mem 0xe5f00000-0xe5ffffff 64bit pref]

[0.611965] pci_bus 0000:22: resource 1 [mem 0xfb500000-0xfb5fffff]

[0.611966] pci_bus 0000:22: resource 2 [mem 0xe5b00000-0xe5bfffff 64bit pref]

[0.612385] NET: Registered protocol family 2

[0.613028] TCP established hash table entries: 32768 (order: 6, 262144 bytes)

[0.615177] TCP bind hash table entries: 32768 (order: 7, 524288 bytes)

[0.618178] TCP: Hash tables configured (established 32768 bind 32768)

[0.620063] UDP hash table entries: 2048 (order: 4, 65536 bytes)

[0.620393] UDP-Lite hash table entries: 2048 (order: 4, 65536 bytes)

[0.622881] NET: Registered protocol family 1

[0.622892] pci 0000:00:00.0: Limiting direct PCI/PCI transfers

[0.623168] pci 0000:00:0f.0: Video device with shadowed ROM at [mem 0x000c0000-0x000dffff]

[0.625176] PCI: CLS mismatch (32 != 64), using 64 bytes

[0.626156] Unpacking initramfs...

[1.884948] Freeing initrd memory: 55124K

[1.885185] PCI-DMA: Using software bounce buffering for IO (SWIOTLB)

[1.885186] software IO TLB: mapped [mem 0xbbed0000-0xbfed0000] (64MB)

[1.885635] Scanning for low memory corruption every 60 seconds

[1.889279] Initialise system trusted keyrings

[1.889284] Key type blacklist registered

[1.889627] workingset: timestamp_bits=36 max_order=20 bucket_order=0

[1.891901] zbud: loaded

[1.893140] squashfs: version 4.0 (2009/01/31) Phillip Lougher

[1.894121] fuse init (API version 7.26)

[1.917471] Key type asymmetric registered

[1.917472] Asymmetric key parser 'x509' registered

[1.917509] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 246)

[1.918258] io scheduler noop registered

[1.918259] io scheduler deadline registered

[1.918339] io scheduler cfq registered (default)

[1.953165] pcieport 0000:00:15.0: Signaling PME with IRQ 24

[1.953429] pcieport 0000:00:15.1: Signaling PME with IRQ 25

[1.953693] pcieport 0000:00:15.2: Signaling PME with IRQ 26

[1.954010] pcieport 0000:00:15.3: Signaling PME with IRQ 27

[1.954275] pcieport 0000:00:15.4: Signaling PME with IRQ 28

[1.954536] pcieport 0000:00:15.5: Signaling PME with IRQ 29

[1.954887] pcieport 0000:00:15.6: Signaling PME with IRQ 30

[1.955168] pcieport 0000:00:15.7: Signaling PME with IRQ 31

[1.955511] pcieport 0000:00:16.0: Signaling PME with IRQ 32

[1.955772] pcieport 0000:00:16.1: Signaling PME with IRQ 33

[1.956029] pcieport 0000:00:16.2: Signaling PME with IRQ 34

[1.956295] pcieport 0000:00:16.3: Signaling PME with IRQ 35

[1.956435] pcieport 0000:00:16.4: Signaling PME with IRQ 36

[1.956435] pcieport 0000:00:16.5: Signaling PME with IRQ 37

[1.956435] pcieport 0000:00:16.6: Signaling PME with IRQ 38

[1.956435] pcieport 0000:00:16.7: Signaling PME with IRQ 39

[1.956435] pcieport 0000:00:17.0: Signaling PME with IRQ 40

[1.956435] pcieport 0000:00:17.1: Signaling PME with IRQ 41

[1.956435] pcieport 0000:00:17.2: Signaling PME with IRQ 42

[1.958690] pcieport 0000:00:17.3: Signaling PME with IRQ 43

[1.958964] pcieport 0000:00:17.4: Signaling PME with IRQ 44

[1.959234] pcieport 0000:00:17.5: Signaling PME with IRQ 45

[1.959546] pcieport 0000:00:17.6: Signaling PME with IRQ 46

[1.959818] pcieport 0000:00:17.7: Signaling PME with IRQ 47

[1.960116] pcieport 0000:00:18.0: Signaling PME with IRQ 48

[1.960534] pcieport 0000:00:18.1: Signaling PME with IRQ 49

[1.960959] pcieport 0000:00:18.2: Signaling PME with IRQ 50

[1.961339] pcieport 0000:00:18.3: Signaling PME with IRQ 51

[1.961731] pcieport 0000:00:18.4: Signaling PME with IRQ 52

[1.962002] pcieport 0000:00:18.5: Signaling PME with IRQ 53

[1.962264] pcieport 0000:00:18.6: Signaling PME with IRQ 54

[1.962675] pcieport 0000:00:18.7: Signaling PME with IRQ 55

[1.962794] pciehp 0000:00:15.0:pcie004: Slot #160 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.962920] pciehp 0000:00:15.1:pcie004: Slot #161 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.963052] pciehp 0000:00:15.2:pcie004: Slot #162 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.963242] pciehp 0000:00:15.3:pcie004: Slot #163 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.963381] pciehp 0000:00:15.4:pcie004: Slot #164 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.963554] pciehp 0000:00:15.5:pcie004: Slot #165 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.963701] pciehp 0000:00:15.6:pcie004: Slot #166 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.963874] pciehp 0000:00:15.7:pcie004: Slot #167 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.963992] pciehp 0000:00:16.0:pcie004: Slot #192 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.964110] pciehp 0000:00:16.1:pcie004: Slot #193 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.964227] pciehp 0000:00:16.2:pcie004: Slot #194 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.964352] pciehp 0000:00:16.3:pcie004: Slot #195 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.964470] pciehp 0000:00:16.4:pcie004: Slot #196 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.964757] pciehp 0000:00:16.5:pcie004: Slot #197 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.965104] pciehp 0000:00:16.6:pcie004: Slot #198 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.965283] pciehp 0000:00:16.7:pcie004: Slot #199 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.965401] pciehp 0000:00:17.0:pcie004: Slot #224 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.965517] pciehp 0000:00:17.1:pcie004: Slot #225 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.965667] pciehp 0000:00:17.2:pcie004: Slot #226 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.965804] pciehp 0000:00:17.3:pcie004: Slot #227 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.965920] pciehp 0000:00:17.4:pcie004: Slot #228 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.966036] pciehp 0000:00:17.5:pcie004: Slot #229 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.966152] pciehp 0000:00:17.6:pcie004: Slot #230 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.966288] pciehp 0000:00:17.7:pcie004: Slot #231 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.966405] pciehp 0000:00:18.0:pcie004: Slot #256 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.966520] pciehp 0000:00:18.1:pcie004: Slot #257 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.966635] pciehp 0000:00:18.2:pcie004: Slot #258 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.966883] pciehp 0000:00:18.3:pcie004: Slot #259 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.967007] pciehp 0000:00:18.4:pcie004: Slot #260 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.967123] pciehp 0000:00:18.5:pcie004: Slot #261 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.967240] pciehp 0000:00:18.6:pcie004: Slot #262 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.967355] pciehp 0000:00:18.7:pcie004: Slot #263 AttnBtn+ PwrCtrl+ MRL- AttnInd- PwrInd- HotPlug+ Surprise- Interlock- NoCompl+ LLActRep+

[1.967556] intel_idle: does not run on family 6 model 165

[1.968096] ACPI: AC Adapter [ACAD] (on-line)

[1.968273] input: Power Button as /devices/LNXSYSTM:00/LNXPWRBN:00/input/input0

[1.968680] ACPI: Power Button [PWRF]

[1.972472] Serial: 8250/16550 driver, 32 ports, IRQ sharing enabled

[1.995941] 00:05: ttyS0 at I/O 0x3f8 (irq = 4, base_baud = 115200) is a 16550A

[2.005836] Linux agpgart interface v0.103

[2.005972] agpgart-intel 0000:00:00.0: Intel 440BX Chipset

[2.016174] agpgart-intel 0000:00:00.0: AGP aperture is 256M @ 0x0

[2.050940] loop: module loaded

[2.051100] ata_piix 0000:00:07.1: version 2.13

[2.053756] scsi host0: ata_piix

[2.055070] scsi host1: ata_piix

[2.055133] ata1: PATA max UDMA/33 cmd 0x1f0 ctl 0x3f6 bmdma 0x1060 irq 14

[2.055134] ata2: PATA max UDMA/33 cmd 0x170 ctl 0x376 bmdma 0x1068 irq 15

[2.055236] libphy: Fixed MDIO Bus: probed

[2.055237] tun: Universal TUN/TAP device driver, 1.6

[2.055651] PPP generic driver version 2.4.2

[2.056068] ehci_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver

[2.056071] ehci-pci: EHCI PCI platform driver

[2.056658] ehci-pci 0000:02:03.0: EHCI Host Controller

[2.056662] ehci-pci 0000:02:03.0: new USB bus registered, assigned bus number 1

[2.057382] ehci-pci 0000:02:03.0: cache line size of 64 is not supported

[2.057490] ehci-pci 0000:02:03.0: irq 17, io mem 0xfd5ef000

[2.072381] ehci-pci 0000:02:03.0: USB 2.0 started, EHCI 1.00

[2.072428] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002

[2.072429] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[2.072430] usb usb1: Product: EHCI Host Controller

[2.072430] usb usb1: Manufacturer: Linux 4.15.18 ehci_hcd

[2.072431] usb usb1: SerialNumber: 0000:02:03.0

[2.072970] hub 1-0:1.0: USB hub found

[2.072973] hub 1-0:1.0: 6 ports detected

[2.073316] ehci-platform: EHCI generic platform driver

[2.073325] ohci_hcd: USB 1.1 'Open' Host Controller (OHCI) Driver

[2.073328] ohci-pci: OHCI PCI platform driver

[2.073339] ohci-platform: OHCI generic platform driver

[2.073375] uhci_hcd: USB Universal Host Controller Interface driver

[2.073771] uhci_hcd 0000:02:00.0: UHCI Host Controller

[2.073775] uhci_hcd 0000:02:00.0: new USB bus registered, assigned bus number 2

[2.073812] uhci_hcd 0000:02:00.0: detected 2 ports

[2.073985] uhci_hcd 0000:02:00.0: irq 18, io base 0x00002080

[2.074091] usb usb2: New USB device found, idVendor=1d6b, idProduct=0001

[2.074092] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber=1

[2.074093] usb usb2: Product: UHCI Host Controller

[2.074093] usb usb2: Manufacturer: Linux 4.15.18 uhci_hcd

[2.074094] usb usb2: SerialNumber: 0000:02:00.0

[2.074413] hub 2-0:1.0: USB hub found

[2.074416] hub 2-0:1.0: 2 ports detected

[2.074674] i8042: PNP: PS/2 Controller [PNP0303:KBC,PNP0f13:MOUS] at 0x60,0x64 irq 1,12

[2.076260] serio: i8042 KBD port at 0x60,0x64 irq 1

[2.076290] serio: i8042 AUX port at 0x60,0x64 irq 12

[2.077165] mousedev: PS/2 mouse device common for all mice

[2.099103] rtc_cmos 00:01: rtc core: registered rtc_cmos as rtc0

[2.099507] rtc_cmos 00:01: alarms up to one month, y3k, 114 bytes nvram, hpet irqs

[2.099517] i2c /dev entries driver

[2.099612] device-mapper: uevent: version 1.0.3

[2.099800] input: AT Translated Set 2 keyboard as /devices/platform/i8042/serio0/input/input1

[2.099918] device-mapper: ioctl: 4.37.0-ioctl (2017-09-20) initialised: dm-devel@redhat.com

[2.101351] ledtrig-cpu: registered to indicate activity on CPUs

[2.103537] NET: Registered protocol family 10

[2.117976] Segment Routing with IPv6

[2.117992] NET: Registered protocol family 17

[2.118362] Key type dns_resolver registered

[2.120853] mce: Using 0 MCE banks

[2.121002] RAS: Correctable Errors collector initialized.

[2.121009] sched_clock: Marking stable (2120824976, 0)->(3102671662, -981846686)

[2.124517] registered taskstats version 1

[2.124523] Loading compiled-in X.509 certificates

[2.128272] Loaded X.509 cert 'Build time autogenerated kernel key: 71c5b11eb33d0c3bd40087f5312991fdc25690a5'

[2.128377] zswap: loaded using pool lzo/zbud

[2.135764] Key type big_key registered

[2.135768] Key type trusted registered

[2.138864] Key type encrypted registered

[2.138866] AppArmor: AppArmor sha1 policy hashing enabled

[2.138868] ima: No TPM chip found, activating TPM-bypass! (rc=-19)

[2.138871] ima: Allocated hash algorithm: sha1

[2.138879] evm: HMAC attrs: 0x1

[2.145683]   Magic number: 6:118:891

[2.145717] event_source msr: hash matches

[2.145809] acpi PNP0C80:6f: hash matches

[2.145847] acpi device:cd: hash matches

[2.146379] rtc_cmos 00:01: setting system clock to 2026-12-02 15:52:17 UTC (1796226737)

[2.147038] BIOS EDD facility v0.16 2004-Jun-25, 0 devices found

[2.147038] EDD information not available.

[2.409399] usb 2-1: new full-speed USB device number 2 using uhci_hcd

[2.553707] Freeing unused kernel image memory: 2440K

[2.556962] Write protecting the kernel read-only data: 20480k

[2.558991] Freeing unused kernel image memory: 2008K

[2.559388] Freeing unused kernel image memory: 1976K

[2.564265] x86/mm: Checked W+X mappings: passed, no W+X pages found.

[2.588957] usb 2-1: New USB device found, idVendor=0e0f, idProduct=0003

[2.588958] usb 2-1: New USB device strings: Mfr=1, Product=2, SerialNumber=0

[2.588959] usb 2-1: Product: VMware Virtual USB Mouse

[2.588959] usb 2-1: Manufacturer: VMware

[2.589552] random: systemd-udevd: uninitialized urandom read (16 bytes read)

[2.589594] random: systemd-udevd: uninitialized urandom read (16 bytes read)

[2.589599] random: systemd-udevd: uninitialized urandom read (16 bytes read)

[2.648816] hidraw: raw HID events driver (C) Jiri Kosina

[2.656812] usbcore: registered new interface driver usbhid

[2.656812] usbhid: USB HID core driver

[2.660867] input: VMware VMware Virtual USB Mouse as
/devices/pci0000:00/0000:00:11.0/0000:02:00.0/usb2/2-1/2-
1:1.0/0003:0E0F:0003.0001/input/input3

[2.661419] hid-generic 0003:0E0F:0003.0001: input,hidraw0: USB HID v1.10 Mouse [VMware
VMware Virtual USB Mouse] on usb-0000:02:00.0-1/input0

[2.728902] usb 2-2: new full-speed USB device number 3 using uhci_hcd

[2.876122] Fusion MPT base driver 3.04.20

[2.876123] Copyright (c) 1999-2008 LSI Corporation

[2.878078] e1000: Intel(R) PRO/1000 Network Driver - version 7.3.21-k8-NAPI

[2.878079] e1000: Copyright (c) 1999-2006 Intel Corporation.

[2.882833] Fusion MPT SPI Host driver 3.04.20

[2.883837] mptbase: ioc0: Initiating bringup

[2.906207] usb 2-2: New USB device found, idVendor=0e0f, idProduct=0002

[2.906209] usb 2-2: New USB device strings: Mfr=1, Product=2, SerialNumber=0

[2.906209] usb 2-2: Product: VMware Virtual USB Hub

[2.906210] usb 2-2: Manufacturer: VMware, Inc.

[2.908877] input: VirtualPS/2 VMware VMMouse as /devices/platform/i8042/serio1/input/input5

[2.910206] input: VirtualPS/2 VMware VMMouse as /devices/platform/i8042/serio1/input/input4

[2.916342] tsc: Refined TSC clocksource calibration: 2592.002 MHz

[2.916452] clocksource: tsc: mask: 0xffffffffffffffff max_cycles: 0x255cb8d7d74, max_idle_ns:
440795265546 ns

[2.919197] clocksource: Switched to clocksource tsc

[2.920198] hub 2-2:1.0: USB hub found

[2.925224] hub 2-2:1.0: 7 ports detected

[3.010426] ioc0: LSI53C1030 B0: Capabilities={Initiator}

[3.260278] usb 2-2.1: new full-speed USB device number 4 using uhci_hcd

[3.281489] e1000 0000:02:01.0 eth0: (PCI:66MHz:32-bit) 00:0c:29:4a:d4:25

[3.281508] e1000 0000:02:01.0 eth0: Intel(R) PRO/1000 Network Connection

[3.281822] ahci 0000:02:05.0: version 3.0

[3.284896] e1000 0000:02:01.0 ens33: renamed from eth0

[3.284901] scsi host2: ioc0: LSI53C1030 B0, FwRev=01032920h, Ports=1, MaxQ=128, IRQ=17

[3.288910] ahci 0000:02:05.0: AHCI 0001.0300 32 slots 30 ports 6 Gbps 0x3fffffff impl SATA mode

[3.288911] ahci 0000:02:05.0: flags: 64bit ncq clo only

[3.316256] scsi host3: ahci

[3.317339] scsi host4: ahci

[3.318447] scsi host5: ahci

[3.319451] scsi host6: ahci

[3.320154] scsi host7: ahci

[3.321109] scsi host8: ahci

[3.321790] scsi host9: ahci

[3.322666] scsi host10: ahci

[3.323473] scsi host11: ahci

[3.324576] scsi host12: ahci

[3.325672] scsi host13: ahci

[3.326560] scsi host14: ahci

[3.327169] scsi host15: ahci

[3.327857] scsi host16: ahci

[3.329145] scsi host17: ahci

[3.329922] scsi host18: ahci

[3.330438] scsi host19: ahci

[3.330936] scsi host20: ahci

[3.331496] scsi host21: ahci

[3.332167] scsi host22: ahci

[3.333005] scsi host23: ahci

[3.333631] scsi host24: ahci

[3.334516] scsi host25: ahci

[3.335195] scsi host26: ahci

[3.335893] scsi host27: ahci

[3.336537] scsi host28: ahci

[3.337259] scsi host29: ahci

[3.337932] scsi host30: ahci

[3.338791] scsi host31: ahci

[3.339239] scsi host32: ahci

[3.339313] ata3: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5ee100 irq 56

[3.339314] ata4: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5ee180 irq 56

[3.339314] ata5: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5ee200 irq 56

[3.339315] ata6: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5ee280 irq 56

[3.339315] ata7: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5ee300 irq 56

[3.339316] ata8: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5ee380 irq 56

[3.339317] ata9: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5ee400 irq 56

[3.339317] ata10: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5ee480 irq 56

[3.339318] ata11: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5ee500 irq 56

[3.339318] ata12: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5ee580 irq 56

[3.339319] ata13: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5ee600 irq 56

[3.339320] ata14: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5ee680 irq 56

[3.339320] ata15: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5ee700 irq 56

[3.339321] ata16: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5ee780 irq 56

[3.339322] ata17: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5ee800 irq 56

[3.339322] ata18: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5ee880 irq 56

[3.339323] ata19: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5ee900 irq 56

[3.339323] ata20: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5ee980 irq 56

[3.339324] ata21: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5eea00 irq 56

[3.339324] ata22: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5eea80 irq 56

[3.339325] ata23: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5eeb00 irq 56

[3.339325] ata24: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5eeb80 irq 56

[3.339326] ata25: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5eec00 irq 56

[3.339326] ata26: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5eec80 irq 56

[3.339327] ata27: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5eed00 irq 56

[3.339328] ata28: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5eed80 irq 56

[3.339328] ata29: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5eee00 irq 56

[3.339329] ata30: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5eee80 irq 56

[3.339329] ata31: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5eef00 irq 56

[3.339330] ata32: SATA max UDMA/133 abar m4096@0xfd5ee000 port 0xfd5eef80 irq 56

[3.413645] usb 2-2.1: New USB device found, idVendor=0e0f, idProduct=0008

[3.413647] usb 2-2.1: New USB device strings: Mfr=1, Product=2, SerialNumber=3

[3.413647] usb 2-2.1: Product: Virtual Bluetooth Adapter

[3.413648] usb 2-2.1: Manufacturer: VMware

[3.413648] usb 2-2.1: SerialNumber: 000650268328

[3.463225] scsi 2:0:0:0: Direct-Access   VMware, VMware Virtual S 1.0 PQ: 0 ANSI: 2

[3.463687] [drm] DMA map mode: Using physical TTM page addresses.

[3.464088] [drm] Capabilities:

[3.464089] [drm]   Rect copy.

[3.464089] [drm]   Cursor.

[3.464089] [drm]   Cursor bypass.

[3.464089] [drm]   Cursor bypass 2.

[3.464089] [drm]   8bit emulation.

[3.464090] [drm]   Alpha cursor.

[3.464090] [drm]   3D.

[3.464090] [drm]   Extended Fifo.

[3.464090] [drm]   Multimon.

[3.464090] [drm]   Pitchlock.

[3.464091] [drm]   Irq mask.

[3.464091] [drm]   Display Topology.

[3.464091] [drm]   GMR.

[3.464091] [drm]   Traces.

[3.464091] [drm]   GMR2.

[3.464091] [drm]   Screen Object 2.

[3.464092] [drm]   Command Buffers.

[3.464092] [drm]   Command Buffers 2.

[3.464092] [drm]   Guest Backed Resources.

[3.464092] [drm]   DX Features.

[3.464093] [drm] Max GMR ids is 64

[3.464093] [drm] Max number of GMR pages is 65536

[3.464093] [drm] Max dedicated hypervisor surface memory is 0 kiB

[3.464094] [drm] Maximum display memory size is 262144 kiB

[3.464094] [drm] VRAM at 0xe8000000 size is 4096 kiB

[3.464094] [drm] MMIO at 0xfe000000 size is 256 kiB

[3.464095] [drm] global init.

[3.464328] [TTM] Zone kernel: Available graphics memory: 2007976 kiB

[3.464329] [TTM] Initializing pool allocator

[3.464331] [TTM] Initializing DMA pool allocator

[3.464850] [drm] Supports vblank timestamp caching Rev 2 (21.10.2013).

[3.464851] [drm] No driver support for vblank timestamp query.

[3.465679] [drm] Screen Target Display device initialized

[3.465732] [drm] width 640

[3.465750] [drm] height 480

[3.465768] [drm] bpp 32

[3.467101] [drm] Fifo max 0x00040000 min 0x00001000 cap 0x0000077f

[3.484783] [drm] Using command buffers with DMA pool.

[3.484808] [drm] DX: yes.

[3.484809] [drm] Atomic: yes

[3.550431] fbcon: svgadrmfb (fb0) is primary device

[3.559955] Console: switching to colour frame buffer device 100x37

[3.560472] [drm] Initialized vmwgfx 2.14.0 20170612 for 0000:00:0f.0 on minor 0

[3.584517] scsi target2:0:0: Beginning Domain Validation

[3.587755] scsi target2:0:0: Domain Validation skipping write tests

[3.587756] scsi target2:0:0: Ending Domain Validation

[3.587880] scsi target2:0:0: FAST-40 WIDE SCSI 80.0 MB/s ST (25 ns, offset 127)

[3.594900] sd 2:0:0:0: Attached scsi generic sg0 type 0

[3.595204] sd 2:0:0:0: [sda] 209715200 512-byte logical blocks: (107 GB/100 GiB)

[3.595273] sd 2:0:0:0: [sda] Write Protect is off

[3.595274] sd 2:0:0:0: [sda] Mode Sense: 61 00 00 00

[3.595371] sd 2:0:0:0: [sda] Cache data unavailable

[3.595372] sd 2:0:0:0: [sda] Assuming drive cache: write through

[3.656734] ata6: SATA link down (SStatus 0 SControl 300)

[3.657006] ata4: SATA link up 6.0 Gbps (SStatus 133 SControl 300)

[3.657487] ata21: SATA link down (SStatus 0 SControl 300)

[3.657760] ata7: SATA link down (SStatus 0 SControl 300)

[3.657998] ata5: SATA link down (SStatus 0 SControl 300)

[3.658322] ata10: SATA link down (SStatus 0 SControl 300)

[3.658631] ata11: SATA link down (SStatus 0 SControl 300)

[3.658926] ata8: SATA link down (SStatus 0 SControl 300)

[3.659180] ata20: SATA link down (SStatus 0 SControl 300)

[3.659466] ata19: SATA link down (SStatus 0 SControl 300)

[3.659702] ata12: SATA link down (SStatus 0 SControl 300)

[3.659980] ata3: SATA link down (SStatus 0 SControl 300)

[3.660259] ata13: SATA link down (SStatus 0 SControl 300)

[3.660572] ata9: SATA link down (SStatus 0 SControl 300)

[3.660629] ata4.00: ATAPI: VMware Virtual SATA CDRW Drive, 00000001, max UDMA/33

[3.660914] ata14: SATA link down (SStatus 0 SControl 300)

[3.661084] ata17: SATA link down (SStatus 0 SControl 300)

[3.661343] ata29: SATA link down (SStatus 0 SControl 300)

[3.661672] ata4.00: configured for UDMA/33

[3.662862] scsi 4:0:0:0: CD-ROM   NECVMWar VMware SATA CD01 1.00 PQ: 0 ANSI: 5

[3.663530] ata15: SATA link down (SStatus 0 SControl 300)

[3.663777] ata16: SATA link down (SStatus 0 SControl 300)

[3.663955] ata24: SATA link down (SStatus 0 SControl 300)

[3.664176] ata28: SATA link down (SStatus 0 SControl 300)

[3.664385] ata22: SATA link down (SStatus 0 SControl 300)

[3.664614] ata30: SATA link down (SStatus 0 SControl 300)

[3.664954] ata23: SATA link down (SStatus 0 SControl 300)

[3.665181] ata27: SATA link down (SStatus 0 SControl 300)

[3.665474] ata26: SATA link down (SStatus 0 SControl 300)

[3.665737] ata32: SATA link down (SStatus 0 SControl 300)

[3.666063] ata18: SATA link down (SStatus 0 SControl 300)

[3.666316] ata31: SATA link down (SStatus 0 SControl 300)

[3.666503] ata25: SATA link down (SStatus 0 SControl 300)

[3.693649] sr 4:0:0:0: [sr0] scsi3-mmc drive: 1x/1x writer dvd-ram cd/rw xa/form2 cdda tray

[3.693652] cdrom: Uniform CD-ROM driver Revision: 3.20

[3.694059] sr 4:0:0:0: Attached scsi CD-ROM sr0

[3.694397] sr 4:0:0:0: Attached scsi generic sg1 type 5

[3.812826] sda: sda1 sda2 < sda5 >

[3.814234] sd 2:0:0:0: [sda] Attached SCSI disk

[4.303263] random: fast init done

[7.229837] random: crng init done

[7.229838] random: 7 urandom warning(s) missed due to ratelimiting

[12.021256] EXT4-fs (sda1): mounted filesystem with ordered data mode. Opts: (null)

[13.046310] Attempt to set null time.

[13.647122] systemd[1]: systemd 229 running in system mode. (+PAM +AUDIT +SELINUX +IMA +APPARMOR +SMACK +SYSVINIT +UTMP +LIBCRYPTSETUP +GCRYPT +GNUTLS +ACL +XZ -LZ4 +SECCOMP +BLKID +ELFUTILS +KMOD -IDN)

[13.647149] systemd[1]: Detected virtualization vmware.

[13.647152] systemd[1]: Detected architecture x86-64.

[13.653216] systemd[1]: Set hostname to <ubuntu>.

[15.164716] systemd[1]: Reached target Remote File Systems (Pre).

[15.164846] systemd[1]: Reached target Remote File Systems.

[15.164872] systemd[1]: Listening on fsck to fsckd communication Socket.

[15.164936] systemd[1]: Listening on Journal Audit Socket.

[15.164959] systemd[1]: Started Forward Password Requests to Wall Directory Watch.

[15.164981] systemd[1]: Listening on Journal Socket.

[15.821035] EXT4-fs (sda1): re-mounted. Opts: errors=remount-ro

[16.059844] lp: driver loaded but no devices found

[16.262714] ppdev: user-space parallel port driver

[17.479813] systemd-journald[369]: Received request to flush runtime journal from PID 1

[19.681123] piix4_smbus 0000:00:07.3: SMBus Host Controller not enabled!

[19.815269] vmw_vmci 0000:00:07.7: Found VMCI PCI device at 0x11080, irq 16

[19.815452] vmw_vmci 0000:00:07.7: Using capabilities 0x8000001c

[19.816308] Guest personality initialized and is active

[19.816558] VMCI host device registered (name=vmci, major=10, minor=56)

[19.816558] Initialized host personality

[19.997575] shpchp: Standard Hot Plug PCI Controller Driver version: 0.4

[21.120065] AVX2 version of gcm_enc/dec engaged.

[21.120066] AES CTR mode by8 optimization enabled

[21.330895] Bluetooth: Core ver 2.22

[21.331002] NET: Registered protocol family 31

[21.331003] Bluetooth: HCI device and connection manager initialized

[21.331005] Bluetooth: HCI socket layer initialized

[21.331007] Bluetooth: L2CAP socket layer initialized

[21.331034] Bluetooth: SCO socket layer initialized

[21.437876] usbcore: registered new interface driver btusb

[21.982826] audit: type=1400 audit(1796226757.333:2): apparmor="STATUS" operation="profile_load" profile="unconfined" name="/usr/sbin/cups-browsed" pid=704 comm="apparmor_parser"

[21.983055] audit: type=1400 audit(1796226757.333:3): apparmor="STATUS" operation="profile_load" profile="unconfined" name="/sbin/dhclient" pid=699 comm="apparmor_parser"

[21.983056] audit: type=1400 audit(1796226757.333:4): apparmor="STATUS" operation="profile_load" profile="unconfined" name="/usr/lib/NetworkManager/nm-dhcp-client.action" pid=699 comm="apparmor_parser"

[21.983057] audit: type=1400 audit(1796226757.333:5): apparmor="STATUS" operation="profile_load" profile="unconfined" name="/usr/lib/NetworkManager/nm-dhcp-helper" pid=699 comm="apparmor_parser"

[21.983058] audit: type=1400 audit(1796226757.333:6): apparmor="STATUS" operation="profile_load" profile="unconfined" name="/usr/lib/connman/scripts/dhclient-script" pid=699 comm="apparmor_parser"

[22.012594] audit: type=1400 audit(1796226757.365:7): apparmor="STATUS" operation="profile_load" profile="unconfined" name="webbrowser-app" pid=702 comm="apparmor_parser"

[22.012598] audit: type=1400 audit(1796226757.365:8): apparmor="STATUS" operation="profile_load" profile="unconfined" name="webbrowser-app//oxide_helper" pid=702 comm="apparmor_parser"

[22.013627] audit: type=1400 audit(1796226757.365:9): apparmor="STATUS" operation="profile_load" profile="unconfined" name="/usr/sbin/ippusbxd" pid=711 comm="apparmor_parser"

[22.049182] audit: type=1400 audit(1796226757.401:10): apparmor="STATUS" operation="profile_load" profile="unconfined" name="/usr/sbin/tcpdump" pid=714 comm="apparmor_parser"

[22.066678] audit: type=1400 audit(1796226757.417:11): apparmor="STATUS" operation="profile_load" profile="unconfined" name="/usr/bin/evince" pid=700 comm="apparmor_parser"

[22.892262] NET: Registered protocol family 40

[25.021602] Adding 998396k swap on /dev/sda5. Priority:-2 extents:1 across:998396k FS

[28.245116] Bluetooth: BNEP (Ethernet Emulation) ver 1.3

[28.245117] Bluetooth: BNEP filters: protocol multicast

[28.245120] Bluetooth: BNEP socket layer initialized

[32.952613] IPv6: ADDRCONF(NETDEV_UP): ens33: link is not ready

[32.958048] IPv6: ADDRCONF(NETDEV_UP): ens33: link is not ready

[32.961186] e1000: ens33 NIC Link is Up 1000 Mbps Full Duplex, Flow Control: None

[32.962707] IPv6: ADDRCONF(NETDEV_CHANGE): ens33: link becomes ready

[49.086519] Bluetooth: RFCOMM TTY layer initialized

[49.086523] Bluetooth: RFCOMM socket layer initialized

[49.086527] Bluetooth: RFCOMM ver 1.11

[149.827162] OSS-LSM: rejecting time change in the past

[154.418032] OSS-LSM: Granting permission for changing the time