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[trudy@localhost ~]$ su
Password:
[root@localhost trudy]# lspci -nn
00:00.0 Host bridge [0600]: Intel Corporation Mobile 4 Series Chipset Memory Controller Hub
[8086:2a40] (rev 07)
00:01.0 PCI bridge [0604]: Intel Corporation Mobile 4 Series Chipset PCI Express Graphics Port
[8086:2a41] (rev 07)
00:02.0 VGA compatible controller [0300]: Intel Corporation Mobile 4 Series Chipset Integrated
Graphics Controller [8086:2a42] (rev 07)
00:1a.0 USB controller [0c03]: Intel Corporation 82801I (ICH9 Family) USB UHCI Controller #4
[8086:2937] (rev 03)
00:1a.1 USB controller [0c03]: Intel Corporation 82801I (ICH9 Family) USB UHCI Controller #5
[8086:2938] (rev 03)
00:1a.2 USB controller [0c03]: Intel Corporation 82801I (ICH9 Family) USB UHCI Controller #6
[8086:2939] (rev 03)
00:1a.7 USB controller [0c03]: Intel Corporation 82801I (ICH9 Family) USB2 EHCI Controller #2
[8086:293c] (rev 03)
00:1b.0 Audio device [0403]: Intel Corporation 82801I (ICH9 Family) HD Audio Controller
[8086:293e] (rev 03)
00:1c.0 PCI bridge [0604]: Intel Corporation 82801I (ICH9 Family) PCI Express Port 1 [8086:2940]
(rev 03)
00:1c.1 PCI bridge [0604]: Intel Corporation 82801I (ICH9 Family) PCI Express Port 2 [8086:2942]
(rev 03)
00:1c.5 PCI bridge [0604]: Intel Corporation 82801I (ICH9 Family) PCI Express Port 6 [8086:294a]
(rev 03)
00:1d.0 USB controller [0c03]: Intel Corporation 82801I (ICH9 Family) USB UHCI Controller #1
[8086:2934] (rev 03)
00:1d.1 USB controller [0c03]: Intel Corporation 82801I (ICH9 Family) USB UHCI Controller #2
[8086:2935] (rev 03)
00:1d.2 USB controller [0c03]: Intel Corporation 82801I (ICH9 Family) USB UHCI Controller #3
[8086:2936] (rev 03)
00:1d.7 USB controller [0c03]: Intel Corporation 82801I (ICH9 Family) USB2 EHCI Controller #1
[8086:293a] (rev 03)
00:1e.0 PCI bridge [0604]: Intel Corporation 82801 Mobile PCI Bridge [8086:2448] (rev 93)
00:1f.0 ISA bridge [0601]: Intel Corporation ICH9M LPC Interface Controller [8086:2919] (rev 03)
00:1f.2 SATA controller [0106]: Intel Corporation 82801IBM/IEM (ICH9M/ICH9M-E) 4 port SATA
Controller [AHCI mode] [8086:2929] (rev 03)
00:1f.3 SMBus [0c05]: Intel Corporation 82801I (ICH9 Family) SMBus Controller [8086:2930] (rev
03)
01:00.0 VGA compatible controller [0300]: NVIDIA Corporation G96M [GeForce GT 130M]
[10de:0652] (rev a1)
04:00.0 Network controller [0280]: Qualcomm Atheros AR928X Wireless Network Adapter (PCI-
Express) [168c:002a] (rev 01)
05:00.0 Ethernet controller [0200]: Realtek Semiconductor Co., Ltd. RTL8111/8168/8411 PCI Express
Gigabit Ethernet Controller [10ec:8168] (rev 03)
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[root@localhost trudy]# iw wlp4s0 scan
BSS 82:b6:86:86:03:d8(on wlp4s0) -- associated
    TSF: 561118492693 usec (6d, 11:51:58)
    freq: 2457
    beacon interval: 100 TUs
    capability: ESS Privacy ShortPreamble ShortSlotTime (0x0431)
    signal: -65.00 dBm
    last seen: 72 ms ago
    Information elements from Probe Response frame:
    SSID: HG655D-8603DB
    Supported rates: 1.0* 2.0* 5.5* 11.0* 9.0 18.0 36.0 54.0
    DS Parameter set: channel 10
    ERP: <no flags>
    Extended supported rates: 6.0 12.0 24.0 48.0
    HT capabilities:
        Capabilities: 0x118e
            HT20/HT40
            SM Power Save disabled
            TX STBC
            RX STBC 1-stream
            Max AMSDU length: 3839 bytes
            DSSS/CCK HT40
            Maximum RX AMPDU length 65535 bytes (exponent: 0x003)
            Minimum RX AMPDU time spacing: No restriction (0x00)
            HT RX MCS rate indexes supported: 0-15, 32
            HT TX MCS rate indexes are undefined
    HT operation:
        * primary channel: 10
        * secondary channel offset: below
        * STA channel width: any
        * RIFS: 0
        * HT protection: 20 MHz
        * non-GF present: 1
        * OBSS non-GF present: 0
        * dual beacon: 0
        * dual CTS protection: 0
        * STBC beacon: 0
        * L-SIG TXOP Prot: 0
        * PCO active: 0
        * PCO phase: 0
    Secondary Channel Offset: no secondary (0)
    RSN:
        * Version: 1
        * Group cipher: CCMP
        * Pairwise ciphers: CCMP
        * Authentication suites: PSK
        * Capabilities: 1-PTKSA-RC 1-GTKSA-RC (0x0000)
    WMM:
        * Parameter version 1
        * BE: CW 15-1023, AIFSN 3
        * BK: CW 15-1023, AIFSN 7
```

* VI: CW 7-15, AIFSN 2, TXOP 3008 usec
* VO: CW 3-7, AIFSN 2, TXOP 1504 usec
WPS: * Version: 1.0
* Wi-Fi Protected Setup State: 2 (Configured)
* Response Type: 3 (AP)
* UUID: bc329e00-1dd8-11b2-8601-82b6868603d8
* Manufacturer: Huawei Technologies Co., Ltd.
* Model: Huawei Wireless Access Point
* Model Number: RT2860
* Serial Number: 12345678
* Primary Device Type: 6-0050f204-1
* Device name: HuaweiAPS
* Config methods: Label
* RF Bands: 0x0

BSS Load:
* station count: 3
* channel utilisation: 9/255
* available admission capacity: 31250 [*32us]

Overlapping BSS scan params:
* passive dwell: 20 TUs
* active dwell: 10 TUs
* channel width trigger scan interval: 300 s
* scan passive total per channel: 200 TUs
* scan active total per channel: 20 TUs
* BSS width channel transition delay factor: 5
* OBSS Scan Activity Threshold: 0.25 %

Extended capabilities: HT Information Exchange Supported
Country: CA Environment: Indoor/Outdoor
Channels [1 - 13] @ 16 dBm

BSS 00:1f:33:41:ba:3d(on wlp4s0)
TSF: 14409855590775 usec (166d, 18:44:15)
freq: 2417
beacon interval: 100 TUs
capability: ESS Privacy ShortPreamble ShortSlotTime (0x0431)
signal: -78.00 dBm
last seen: 2464 ms ago
Information elements from Probe Response frame:
SSID: Sormani
Supported rates: 1.0* 2.0* 5.5* 11.0* 6.0 9.0 12.0 18.0
DS Parameter set: channel 2
TIM: DTIM Count 0 DTIM Period 1 Bitmap Control 0x0 Bitmap[0] 0x0
ERP: <no flags>
Extended supported rates: 24.0 36.0 48.0 54.0
HT capabilities:
Capabilities: 0x186e
HT20/HT40
SM Power Save disabled
RX HT20 SGI
RX HT40 SGI

No RX STBC

Max AMSDU length: 7935 bytes

DSSS/CCK HT40

Maximum RX AMPDU length 65535 bytes (exponent: 0x003)

Minimum RX AMPDU time spacing: No restriction (0x00)

HT RX MCS rate indexes supported: 0-15

HT TX MCS rate indexes are undefined

HT operation:

- * primary channel: 2
- * secondary channel offset: above
- * STA channel width: any
- * RIFS: 0
- * HT protection: no
- * non-GF present: 1
- * OBSS non-GF present: 0
- * dual beacon: 0
- * dual CTS protection: 0
- * STBC beacon: 0
- * L-SIG TXOP Prot: 0
- * PCO active: 0
- * PCO phase: 0

WMM: * Parameter version 1

- * u-APSD
- * BE: CW 15-1023, AIFSN 3
- * BK: CW 15-1023, AIFSN 7
- * VI: CW 7-15, AIFSN 2, TXOP 3008 usec
- * VO: CW 3-7, AIFSN 2, TXOP 1504 usec

BSS 84:1b:5e:82:65:5f(on wlp4s0)

TSF: 1808118695758 usec (20d, 22:15:18)

freq: 2417

beacon interval: 100 TUs

capability: ESS Privacy ShortPreamble ShortSlotTime (0x0431)

signal: -86.00 dBm

last seen: 2748 ms ago

SSID: NETGEAR81

Supported rates: 1.0* 2.0* 5.5* 11.0* 6.0 9.0 12.0 18.0

DS Parameter set: channel 2

RSN: * Version: 1

- * Group cipher: CCMP
- * Pairwise ciphers: CCMP
- * Authentication suites: PSK
- * Capabilities: 1-PTKSA-RC 1-GTKSA-RC (0x0000)

ERP: <no flags>

Extended supported rates: 24.0 36.0 48.0 54.0

WMM: * Parameter version 1

- * u-APSD
- * BE: CW 15-1023, AIFSN 3
- * BK: CW 15-1023, AIFSN 7
- * VI: CW 7-15, AIFSN 2, TXOP 3008 usec

* VO: CW 3-7, AIFSN 2, TXOP 1504 usec

HT capabilities:

Capabilities: 0x11cc

HT20

SM Power Save disabled

RX HT40 SGI

TX STBC

RX STBC 1-stream

Max AMSDU length: 3839 bytes

DSSS/CCK HT40

Maximum RX AMPDU length 65535 bytes (exponent: 0x003)

Minimum RX AMPDU time spacing: 8 usec (0x06)

HT RX MCS rate indexes supported: 0-15

HT TX MCS rate indexes are undefined

HT operation:

* primary channel: 2

* secondary channel offset: no secondary

* STA channel width: 20 MHz

* RIFS: 1

* HT protection: no

* non-GF present: 0

* OBSS non-GF present: 0

* dual beacon: 0

* dual CTS protection: 0

* STBC beacon: 0

* L-SIG TXOP Prot: 0

* PCO active: 0

* PCO phase: 0

WPS: * Version: 1.0

* Wi-Fi Protected Setup State: 2 (Configured)

* Response Type: 3 (AP)

* UUID: 00000000-0000-1000-0000-841b5e82655f

* Manufacturer: Netgear

* Model: WNDR3800

* Model Number: V1

* Serial Number: none

* Primary Device Type: 6-0050f204-1

* Device name: WNDR3800(Wireless AP)

* Config methods: Ethernet, Label, PBC

* RF Bands: 0x3

BSS 44:94:fc:36:45:00(on wlp4s0)

TSF: 2197372518787 usec (25d, 10:22:52)

freq: 2457

beacon interval: 100 TUs

capability: ESS Privacy ShortSlotTime (0x0411)

signal: -91.00 dBm

last seen: 364 ms ago

Information elements from Probe Response frame:

SSID: UPC1463995_EXT

Supported rates: 1.0* 2.0* 5.5 11.0 18.0 24.0 36.0 54.0
DS Parameter set: channel 10
TIM: DTIM Count 0 DTIM Period 2 Bitmap Control 0x0 Bitmap[0] 0x0
ERP: <no flags>
ERP D4.0: <no flags>
RSN: * Version: 1
 * Group cipher: TKIP
 * Pairwise ciphers: CCMP TKIP
 * Authentication suites: PSK
 * Capabilities: 16-PTKSA-RC 1-GTKSA-RC (0x000c)
Extended supported rates: 6.0 9.0 12.0 48.0
HT capabilities:
 Capabilities: 0x18fc
 HT20
 SM Power Save disabled
 RX Greenfield
 RX HT20 SGI
 RX HT40 SGI
 TX STBC
 No RX STBC
 Max AMSDU length: 7935 bytes
 DSSS/CCK HT40
 Maximum RX AMPDU length 65535 bytes (exponent: 0x003)
 Minimum RX AMPDU time spacing: 16 usec (0x07)
 HT RX MCS rate indexes supported: 0-15
 HT TX MCS rate indexes are undefined
HT operation:
 * primary channel: 10
 * secondary channel offset: no secondary
 * STA channel width: 20 MHz
 * RIFS: 1
 * HT protection: no
 * non-GF present: 0
 * OBSS non-GF present: 0
 * dual beacon: 0
 * dual CTS protection: 0
 * STBC beacon: 0
 * L-SIG TXOP Prot: 0
 * PCO active: 0
 * PCO phase: 0
WPS: * Version: 1.0
 * Wi-Fi Protected Setup State: 2 (Configured)
WPA: * Version: 1
 * Group cipher: TKIP
 * Pairwise ciphers: CCMP TKIP
 * Authentication suites: PSK
 * Capabilities: 16-PTKSA-RC 1-GTKSA-RC (0x000c)
WMM: * Parameter version 1
 * u-APSD

- * BE: CW 15-1023, AIFSN 3
- * BK: CW 15-1023, AIFSN 7
- * VI: CW 7-15, AIFSN 2, TXOP 3008 usec
- * VO: CW 3-7, AIFSN 2, TXOP 1504 usec

BSS 5c:a3:9d:c7:cf:18(on wlp4s0)

TSF: 1370009918 usec (0d, 00:22:50)

freq: 2417

beacon interval: 100 TUs

capability: ESS Privacy ShortSlotTime (0x0411)

signal: -88.00 dBm

last seen: 2199 ms ago

Information elements from Probe Response frame:

SSID: UPC241655552

Supported rates: 1.0* 2.0* 5.5* 11.0* 9.0 18.0 36.0 54.0

DS Parameter set: channel 2

Extended supported rates: 6.0 12.0 24.0 48.0

Country: NL Environment: Indoor/Outdoor

Channels [1 - 13] @ 20 dBm

TIM: DTIM Count 0 DTIM Period 1 Bitmap Control 0x0 Bitmap[0] 0x0

WPS: * Version: 1.0

* Wi-Fi Protected Setup State: 2 (Configured)

* UUID: bc329e00-1dd8-11b2-8601-5ca39dc7cf18

* RF Bands: 0x1

* Unknown TLV (0x1049, 6 bytes): 00 37 2a 00 01 20

ERP: Barker_Preamble_Mode

HT capabilities:

Capabilities: 0x1ec

HT20

SM Power Save disabled

RX HT20 SGI

RX HT40 SGI

TX STBC

RX STBC 1-stream

Max AMSDU length: 3839 bytes

No DSSS/CCK HT40

Maximum RX AMPDU length 65535 bytes (exponent: 0x003)

Minimum RX AMPDU time spacing: No restriction (0x00)

HT RX MCS rate indexes supported: 0-15

HT TX MCS rate indexes are undefined

HT operation:

* primary channel: 2

* secondary channel offset: no secondary

* STA channel width: 20 MHz

* RIFS: 0

* HT protection: no

* non-GF present: 1

* OBSS non-GF present: 0

* dual beacon: 0

* dual CTS protection: 0

- * STBC beacon: 0
- * L-SIG TXOP Prot: 0
- * PCO active: 0
- * PCO phase: 0

Extended capabilities: HT Information Exchange Supported

RSN: * Version: 1
 * Group cipher: TKIP
 * Pairwise ciphers: TKIP CCMP
 * Authentication suites: PSK
 * Capabilities: 1-PTKSA-RC 1-GTKSA-RC (0x0000)

WMM: * Parameter version 1
 * BE: CW 15-1023, AIFSN 3
 * BK: CW 15-1023, AIFSN 7
 * VI: CW 7-15, AIFSN 2, TXOP 3008 usec
 * VO: CW 3-7, AIFSN 2, TXOP 1504 usec

BSS Load:
 * station count: 1
 * channel utilisation: 38/255
 * available admission capacity: 31250 [*32us]

BSS 00:0c:f6:a2:20:a0(on wlp4s0)

TSF: 19489231625037 usec (225d, 13:40:31)

freq: 2422

beacon interval: 100 TUs

capability: ESS Privacy ShortPreamble ShortSlotTime APSD (0x0c31)

signal: -86.00 dBm

last seen: 2208 ms ago

SSID: SitecomA220A0

Supported rates: 1.0* 2.0* 5.5* 11.0* 9.0 18.0 36.0 54.0

DS Parameter set: channel 3

ERP: <no flags>

Extended supported rates: 6.0 12.0 24.0 48.0

HT capabilities:

Capabilities: 0x11ee
 HT20/HT40
 SM Power Save disabled
 RX HT20 SGI
 RX HT40 SGI
 TX STBC
 RX STBC 1-stream
 Max AMSDU length: 3839 bytes
 DSSS/CCK HT40

Maximum RX AMPDU length 65535 bytes (exponent: 0x003)

Minimum RX AMPDU time spacing: 4 usec (0x05)

HT RX MCS rate indexes supported: 0-15, 32

HT TX MCS rate indexes are undefined

HT operation:

- * primary channel: 3
- * secondary channel offset: above
- * STA channel width: any

- * RIFS: 0
- * HT protection: non-HT mixed
- * non-GF present: 1
- * OBSS non-GF present: 0
- * dual beacon: 0
- * dual CTS protection: 0
- * STBC beacon: 0
- * L-SIG TXOP Prot: 0
- * PCO active: 0
- * PCO phase: 0

Secondary Channel Offset: no secondary (0)

RSN: * Version: 1
 * Group cipher: CCMP
 * Pairwise ciphers: CCMP
 * Authentication suites: PSK
 * Capabilities: 1-PTKSA-RC 1-GTKSA-RC (0x0000)

WMM: * Parameter version 1
 * u-APSD
 * BE: CW 15-1023, AIFSN 3
 * BK: CW 15-1023, AIFSN 7
 * VI: CW 7-15, AIFSN 2, TXOP 3008 usec
 * VO: CW 3-7, AIFSN 2, TXOP 1504 usec

BSS Load:
 * station count: 8
 * channel utilisation: 7/255
 * available admission capacity: 31250 [*32us]

Extended capabilities: HT Information Exchange Supported

WPS: * Version: 1.0
 * Wi-Fi Protected Setup State: 2 (Configured)
 * Response Type: 3 (AP)
 * UUID: 28802880-2880-1880-a880-000cf6a220a0
 * Manufacturer: Sitecom Technologies, Inc.
 * Model: Sitecom Wireless AP Router
 * Model Number: WL-341
 * Serial Number: 10B221799
 * Primary Device Type: 6-0050f204-1
 * Device name: Sitecom 802.11n AP Router
 * Config methods: Label, PBC
 * RF Bands: 0x1

BSS 64:d1:a3:19:05:dc(on wlp4s0)

TSF: 62609901331 usec (0d, 17:23:29)

freq: 2427

beacon interval: 100 TUs

capability: ESS Privacy ShortPreamble ShortSlotTime APSD (0x0c31)

signal: -77.00 dBm

last seen: 1928 ms ago

SSID: Sitecom1905DC

Supported rates: 1.0* 2.0* 5.5* 11.0* 9.0 18.0 36.0 54.0

DS Parameter set: channel 4

ERP: <no flags>

Extended supported rates: 6.0 12.0 24.0 48.0

HT capabilities:

Capabilities: 0x11ee

HT20/HT40

SM Power Save disabled

RX HT20 SGI

RX HT40 SGI

TX STBC

RX STBC 1-stream

Max AMSDU length: 3839 bytes

DSSS/CCK HT40

Maximum RX AMPDU length 65535 bytes (exponent: 0x003)

Minimum RX AMPDU time spacing: 4 usec (0x05)

HT RX MCS rate indexes supported: 0-15, 32

HT TX MCS rate indexes are undefined

HT operation:

- * primary channel: 4
- * secondary channel offset: above
- * STA channel width: any
- * RIFS: 0
- * HT protection: 20 MHz
- * non-GF present: 1
- * OBSS non-GF present: 0
- * dual beacon: 0
- * dual CTS protection: 0
- * STBC beacon: 0
- * L-SIG TXOP Prot: 0
- * PCO active: 0
- * PCO phase: 0

RSN: * Version: 1

- * Group cipher: CCMP
- * Pairwise ciphers: CCMP
- * Authentication suites: PSK
- * Capabilities: 1-PTKSA-RC 1-GTKSA-RC (0x0000)

WMM: * Parameter version 1

- * u-APSD
- * BE: CW 15-1023, AIFSN 3
- * BK: CW 15-1023, AIFSN 7
- * VI: CW 7-15, AIFSN 2, TXOP 3008 usec
- * VO: CW 3-7, AIFSN 2, TXOP 1504 usec

BSS Load:

- * station count: 4
- * channel utilisation: 25/255
- * available admission capacity: 31250 [*32us]

WPS: * Version: 1.0

- * Wi-Fi Protected Setup State: 2 (Configured)
- * AP setup locked: 0x01
- * Response Type: 3 (AP)

- * UUID: 27a9a0bc-149d-4dd5-ab68-64d1a31905dc
- * Manufacturer: Sitecom Europe BV
- * Model: Sitecom Wireless Gigabit Router
- * Model Number: Sitecom Wireless Gigabit Router
- * Serial Number: WLR400432600778
- * Primary Device Type: 6-0050f204-1
- * Device name: Sitecom Wireless Gigabit Router
- * Config methods: Label, Display, PBC
- * RF Bands: 0x1
- * Unknown TLV (0x1049, 6 bytes): 00 37 2a 00 01 20

BSS 00:1d:aa:d3:8a:08(on wlp4s0)

TSF: 1808230984021 usec (20d, 22:17:10)

freq: 2437

beacon interval: 100 TUs

capability: ESS Privacy ShortPreamble ShortSlotTime (0x0431)

signal: -74.00 dBm

last seen: 1103 ms ago

Information elements from Probe Response frame:

SSID: VFNL-D38A08

Supported rates: 1.0* 2.0* 5.5* 11.0* 9.0 18.0 36.0 54.0

DS Parameter set: channel 6

ERP: <no flags>

Extended supported rates: 6.0 12.0 24.0 48.0

HT capabilities:

Capabilities: 0x106e

HT20/HT40

SM Power Save disabled

RX HT20 SGI

RX HT40 SGI

No RX STBC

Max AMSDU length: 3839 bytes

DSSS/CCK HT40

Maximum RX AMPDU length 65535 bytes (exponent: 0x003)

Minimum RX AMPDU time spacing: 4 usec (0x05)

HT RX MCS rate indexes supported: 0-15, 32

HT TX MCS rate indexes are undefined

HT operation:

- * primary channel: 6
- * secondary channel offset: no secondary
- * STA channel width: 20 MHz
- * RIFS: 0
- * HT protection: nonmember
- * non-GF present: 1
- * OBSS non-GF present: 0
- * dual beacon: 0
- * dual CTS protection: 0
- * STBC beacon: 0
- * L-SIG TXOP Prot: 0
- * PCO active: 0

* PCO phase: 0
RSN: * Version: 1
* Group cipher: CCMP
* Pairwise ciphers: CCMP
* Authentication suites: PSK
* Capabilities: 1-PTKSA-RC 1-GTKSA-RC (0x0000)

WMM: * Parameter version 1
* BE: CW 15-1023, AIFSN 3
* BK: CW 15-1023, AIFSN 7
* VI: CW 7-15, AIFSN 2, TXOP 3008 usec
* VO: CW 3-7, AIFSN 2, TXOP 1504 usec

BSS Load:
* station count: 1
* channel utilisation: 142/255
* available admission capacity: 31250 [*32us]

Overlapping BSS scan params:
* passive dwell: 20 TUs
* active dwell: 10 TUs
* channel width trigger scan interval: 300 s
* scan passive total per channel: 200 TUs
* scan active total per channel: 20 TUs
* BSS width channel transition delay factor: 5
* OBSS Scan Activity Threshold: 0.25 %

Country: NL Environment: Indoor/Outdoor
Channels [1 - 13] @ 16 dBm

WPS: * Version: 1.0
* Wi-Fi Protected Setup State: 1 (Unconfigured)
* Response Type: 3 (AP)
* UUID: bc329e00-1dd8-11b2-8601-001daad38a08
* Manufacturer: DrayTek Technology, Corp.
* Model: DrayTek Wireless Access Point
* Model Number: Vigor2132 Series
* Serial Number: 12345678
* Primary Device Type: 6-0050f204-1
* Device name: DrayTekAPs
* Config methods: Label, Display, PBC
* RF Bands: 0x1

BSS c8:3a:35:2b:45:08(on wlp4s0)
TSF: 413227061 usec (0d, 00:06:53)
freq: 2437
beacon interval: 100 TUs
capability: ESS Privacy ShortSlotTime (0x0411)
signal: -79.00 dBm
last seen: 1107 ms ago
Information elements from Probe Response frame:
SSID: Meg Wifi
Supported rates: 1.0* 2.0* 5.5 11.0 18.0 24.0 36.0 54.0
DS Parameter set: channel 6
ERP: <no flags>

ERP D4.0: <no flags>

Extended supported rates: 6.0 9.0 12.0 48.0

HT capabilities:

Capabilities: 0x187e

HT20/HT40

SM Power Save disabled

RX Greenfield

RX HT20 SGI

RX HT40 SGI

No RX STBC

Max AMSDU length: 7935 bytes

DSSS/CCK HT40

Maximum RX AMPDU length 65535 bytes (exponent: 0x003)

Minimum RX AMPDU time spacing: 8 usec (0x06)

HT RX MCS rate indexes supported: 0-7

HT TX MCS rate indexes are undefined

HT operation:

- * primary channel: 6
- * secondary channel offset: above
- * STA channel width: any
- * RIFS: 1
- * HT protection: no
- * non-GF present: 0
- * OBSS non-GF present: 0
- * dual beacon: 0
- * dual CTS protection: 0
- * STBC beacon: 0
- * L-SIG TXOP Prot: 0
- * PCO active: 0
- * PCO phase: 0

WPA: * Version: 1

- * Group cipher: CCMP
- * Pairwise ciphers: CCMP
- * Authentication suites: PSK
- * Capabilities: 16-PTKSA-RC 1-GTKSA-RC (0x000c)

WMM: * Parameter version 1

- * BE: CW 15-1023, AIFSN 3
- * BK: CW 15-1023, AIFSN 7
- * VI: CW 7-15, AIFSN 2, TXOP 3008 usec
- * VO: CW 3-7, AIFSN 2, TXOP 1504 usec

BSS 0a:18:d6:4f:12:49(on wlp4s0)

TSF: 4590739865984 usec (53d, 03:12:19)

freq: 2437

beacon interval: 100 TUs

capability: ESS Privacy ShortPreamble ShortSlotTime (0x0431)

signal: -79.00 dBm

last seen: 1654 ms ago

Information elements from Probe Response frame:

SSID: Primulastraat 55

Supported rates: 1.0* 2.0* 5.5* 11.0* 6.0* 9.0 12.0* 18.0

DS Parameter set: channel 6

TIM: DTIM Count 0 DTIM Period 1 Bitmap Control 0x0 Bitmap[0] 0x10

ERP: <no flags>

RSN: * Version: 1

* Group cipher: CCMP

* Pairwise ciphers: CCMP

* Authentication suites: PSK

* Capabilities: 1-PTKSA-RC 1-GTKSA-RC (0x0000)

Extended supported rates: 24.0* 36.0 48.0 54.0

HT capabilities:

Capabilities: 0x1ac

HT20

SM Power Save disabled

RX HT20 SGI

TX STBC

RX STBC 1-stream

Max AMSDU length: 3839 bytes

No DSSS/CCK HT40

Maximum RX AMPDU length 65535 bytes (exponent: 0x003)

Minimum RX AMPDU time spacing: 8 usec (0x06)

HT RX MCS rate indexes supported: 0-15

HT TX MCS rate indexes are undefined

HT operation:

* primary channel: 6

* secondary channel offset: no secondary

* STA channel width: 20 MHz

* RIFS: 0

* HT protection: nonmember

* non-GF present: 1

* OBSS non-GF present: 0

* dual beacon: 0

* dual CTS protection: 0

* STBC beacon: 0

* L-SIG TXOP Prot: 0

* PCO active: 0

* PCO phase: 0

WMM: * Parameter version 1

* BE: CW 15-1023, AIFSN 3

* BK: CW 15-1023, AIFSN 7

* VI: CW 7-15, AIFSN 2, TXOP 3008 usec

* VO: CW 3-7, AIFSN 2, TXOP 1504 usec

BSS 64:d1:a3:19:13:28(on wlp4s0)

TSF: 3898379059540 usec (45d, 02:52:59)

freq: 2442

beacon interval: 100 TUs

capability: ESS Privacy ShortPreamble ShortSlotTime APSD (0x0c31)

signal: -71.00 dBm

last seen: 873 ms ago

Information elements from Probe Response frame:

SSID:

Supported rates: 1.0* 2.0* 5.5* 11.0* 9.0 18.0 36.0 54.0

DS Parameter set: channel 7

Extended supported rates: 6.0 12.0 24.0 48.0

TIM: DTIM Count 0 DTIM Period 1 Bitmap Control 0x1 Bitmap[0] 0x49

WPS: * Version: 1.0

* Wi-Fi Protected Setup State: 2 (Configured)

* AP setup locked: 0x01

* UUID: 27a9a0bc-149d-4dd5-ab68-64d1a3191328

* RF Bands: 0x1

* Unknown TLV (0x1049, 6 bytes): 00 37 2a 00 01 20

ERP: <no flags>

HT capabilities:

Capabilities: 0x11ee

HT20/HT40

SM Power Save disabled

RX HT20 SGI

RX HT40 SGI

TX STBC

RX STBC 1-stream

Max AMSDU length: 3839 bytes

DSSS/CCK HT40

Maximum RX AMPDU length 65535 bytes (exponent: 0x003)

Minimum RX AMPDU time spacing: 4 usec (0x05)

HT RX MCS rate indexes supported: 0-15, 32

HT TX MCS rate indexes are undefined

HT operation:

* primary channel: 7

* secondary channel offset: no secondary

* STA channel width: 20 MHz

* RIFS: 0

* HT protection: 20 MHz

* non-GF present: 1

* OBSS non-GF present: 0

* dual beacon: 0

* dual CTS protection: 0

* STBC beacon: 0

* L-SIG TXOP Prot: 0

* PCO active: 0

* PCO phase: 0

RSN: * Version: 1

* Group cipher: CCMP

* Pairwise ciphers: CCMP

* Authentication suites: PSK

* Capabilities: 1-PTKSA-RC 1-GTKSA-RC (0x0000)

WMM: * Parameter version 1

* u-APSD

* BE: CW 15-1023, AIFSN 3

* BK: CW 15-1023, AIFSN 7

* VI: CW 7-15, AIFSN 2, TXOP 3008 usec

* VO: CW 3-7, AIFSN 2, TXOP 1504 usec

BSS Load:

* station count: 5

* channel utilisation: 68/255

* available admission capacity: 31250 [*32us]


```
[root@localhost trudy]# nmcli -f GENERAL d show wlp4s0
GENERAL.DEVICE:                wlp4s0
GENERAL.TYPE:                  wifi
GENERAL.NM-TYPE:               NMDeviceWifi
GENERAL.VENDOR:                Qualcomm Atheros
GENERAL.PRODUCT:               AR928X Wireless Network Adapter (PCI-Express) (AW-NE771
802.11bgn Wireless Mini PCIe Card [AR9281])
GENERAL.DRIVER:                ath9k
GENERAL.DRIVER-VERSION:        4.1.10-200.fc22.x86_64
GENERAL.FIRMWARE-VERSION:      N/A
GENERAL.HWADDR:                00:25:D3:02:C1:6F
GENERAL.MTU:                   0
GENERAL.STATE:                 100 (connected)
GENERAL.REASON:                0 (No reason given)
GENERAL.UDI:                   /sys/devices/pci0000:00/0000:00:1c.1/0000:04:00.0/net/wlp4s0
GENERAL.IP-IFACE:              wlp4s0
GENERAL.IS-SOFTWARE:           no
GENERAL.NM-MANAGED:            yes
GENERAL.AUTOCONNECT:           yes
GENERAL.FIRMWARE-MISSING:      no
GENERAL.PHYS-PORT-ID:          --
GENERAL.CONNECTION:            HG655D-8603DB
GENERAL.CON-UUID:              4d712f5e-c124-4cee-ab01-34d5f3b2b3ef
GENERAL.CON-PATH:              /org/freedesktop/NetworkManager/ActiveConnection/0
GENERAL.METERED:               no (guessed)
```

```
[root@localhost trudy]# nmcli dev wifi
```

```
* SSID          MODE CHAN RATE  SIGNAL BARS SECURITY
Sitecom1905DC   Infra 4   54 Mbit/s 35  ████ WPA2
VFNL-D38A08     Infra 6   54 Mbit/s 49  ████ WPA2
--             Infra 7   54 Mbit/s 37  ████ WPA2
Primulastraat 55 Infra 6   54 Mbit/s 34  ████ WPA2
SitecomA220A0   Infra 3   54 Mbit/s 27  ████ WPA2
Sormani         Infra 2   54 Mbit/s 37  ████ WEP
* HG655D-8603DB Infra 10  54 Mbit/s 55  ████ WPA2
NETGEAR81       Infra 2   54 Mbit/s 35  ████ WPA2
UPC241655552    Infra 2   54 Mbit/s 32  ████ WPA2
UPC1788579      Infra 1   54 Mbit/s 27  ████ WPA1 WPA2
Meg Wifi        Infra 6   54 Mbit/s 25  ████ WPA1
UPC1463995_EXT  Infra 10  54 Mbit/s 15  ████ WPA1 WPA2
Ziggo           Infra 1   54 Mbit/s 29  ████ WPA2 802.1X
HACKED WIFI     Infra 1   54 Mbit/s 20  ████ WPA2
H368N88D232     Infra 6   54 Mbit/s 20  ████ WPA1 WPA2
TELE2-9D60A2    Infra 6   54 Mbit/s 20  ████ WPA2
KPN Fon         Infra 6   54 Mbit/s 22  ████ --
Sormani         Infra 2   54 Mbit/s 24  ████ WPA2
H368N88D232_2GEXT Infra 6   54 Mbit/s 22  ████ WPA2
SitecomC9609C   Infra 11  54 Mbit/s 19  ████ WPA2
```

```

[root@localhost trudy]# dmesg
[ 0.000000] microcode: CPU0 microcode updated early to revision 0xa0b, date = 2010-09-28
[ 0.000000] Initializing cgroup subsys cpuset
[ 0.000000] Initializing cgroup subsys cpu
[ 0.000000] Initializing cgroup subsys cpuacct
[ 0.000000] Linux version 4.1.10-200.fc22.x86_64 (mockbuild@bkernel01.phx2.fedoraproject.org)
(gcc version 5.1.1 20150618 (Red Hat 5.1.1-4) (GCC) ) #1 SMP Mon Oct 5 14:22:49 UTC 2015
[ 0.000000] Command line: BOOT_IMAGE=/vmlinuz-4.1.10-200.fc22.x86_64
root=/dev/mapper/fedora-root ro rd.lvm.lv=fedora/swap vconsole.font=latarcyrheb-sun16
rd.lvm.lv=fedora/root rhgb quiet LANG=en_US.UTF-8
[ 0.000000] e820: BIOS-provided physical RAM map:
[ 0.000000] BIOS-e820: [mem 0x0000000000000000-0x0000000000009c3ff] usable
[ 0.000000] BIOS-e820: [mem 0x0000000000009c400-0x0000000000009ffff] reserved
[ 0.000000] BIOS-e820: [mem 0x000000000000e4000-0x000000000000fffff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000100000-0x00000000000bd6a0fff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000000bd6a1000-0x00000000000bd6a6fff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000bd6a7000-0x00000000000bd7c1fff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000000bd7c2000-0x00000000000bd80efff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000bd80f000-0x00000000000bd907fff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000000bd908000-0x00000000000bdb0efff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000bdb0f000-0x00000000000bdb17fff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000000bdb18000-0x00000000000bdb1efff] reserved
[ 0.000000] BIOS-e820: [mem 0x00000000000bdb1f000-0x00000000000bdb53fff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000000bdb54000-0x00000000000bdb9efff] ACPI NVS
[ 0.000000] BIOS-e820: [mem 0x00000000000bdb9f000-0x00000000000bdbe1fff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000000bdbe2000-0x00000000000bdbfefff] ACPI data
[ 0.000000] BIOS-e820: [mem 0x00000000000bdbff000-0x00000000000bdbfffff] usable
[ 0.000000] BIOS-e820: [mem 0x00000000100000000-0x0000000013ffffff] usable
[ 0.000000] NX (Execute Disable) protection: active
[ 0.000000] SMBIOS 2.5 present.
[ 0.000000] DMI: Intel Corporation Cantiga & ICH9M Chipset/Montevina CRB, BIOS 1.0A-1646-
0022 05/21/2009
[ 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-FFFFFF write-protect
[ 0.000000] MTRR variable ranges enabled:
[ 0.000000] 0 base 000000000 mask F80000000 write-back
[ 0.000000] 1 base 080000000 mask FC0000000 write-back
[ 0.000000] 2 base 100000000 mask FC0000000 write-back
[ 0.000000] 3 base 0BE000000 mask FFE000000 uncachable
[ 0.000000] 4 base 0FFE00000 mask FFFE00000 write-protect
[ 0.000000] 5 base 0BDE00000 mask FFFE00000 uncachable
[ 0.000000] 6 disabled
[ 0.000000] PAT configuration [0-7]: WB WC UC- UC WB WC UC- UC

```

[0.000000] e820: last_pfn = 0xbdc00 max_arch_pfn = 0x400000000
[0.000000] found SMP MP-table at [mem 0x000f7570-0x000f757f] mapped at [ffff8800000f7570]
[0.000000] Base memory trampoline at [ffff880000096000] 96000 size 24576
[0.000000] init_memory_mapping: [mem 0x00000000-0x000fffff]
[0.000000] [mem 0x00000000-0x000fffff] page 4k
[0.000000] BRK [0x02039000, 0x02039fff] PGTABLE
[0.000000] BRK [0x0203a000, 0x0203afff] PGTABLE
[0.000000] BRK [0x0203b000, 0x0203bfff] PGTABLE
[0.000000] init_memory_mapping: [mem 0x13fe00000-0x13ffffff]
[0.000000] [mem 0x13fe00000-0x13ffffff] page 2M
[0.000000] BRK [0x0203c000, 0x0203cfff] PGTABLE
[0.000000] init_memory_mapping: [mem 0x120000000-0x13fdfffff]
[0.000000] [mem 0x120000000-0x13fdfffff] page 2M
[0.000000] init_memory_mapping: [mem 0x00100000-0xbd6a0fff]
[0.000000] [mem 0x00100000-0x001fffff] page 4k
[0.000000] [mem 0x00200000-0xbd5fffff] page 2M
[0.000000] [mem 0xbd600000-0xbd6a0fff] page 4k
[0.000000] init_memory_mapping: [mem 0xbd6a7000-0xbd7c1fff]
[0.000000] [mem 0xbd6a7000-0xbd7c1fff] page 4k
[0.000000] init_memory_mapping: [mem 0xbd80f000-0xbd907fff]
[0.000000] [mem 0xbd80f000-0xbd907fff] page 4k
[0.000000] BRK [0x0203d000, 0x0203dfff] PGTABLE
[0.000000] init_memory_mapping: [mem 0xbdb0f000-0xbdb17fff]
[0.000000] [mem 0xbdb0f000-0xbdb17fff] page 4k
[0.000000] BRK [0x0203e000, 0x0203efff] PGTABLE
[0.000000] init_memory_mapping: [mem 0xbdb1f000-0xbdb53fff]
[0.000000] [mem 0xbdb1f000-0xbdb53fff] page 4k
[0.000000] init_memory_mapping: [mem 0xbdb9f000-0xbdbe1fff]
[0.000000] [mem 0xbdb9f000-0xbdbe1fff] page 4k
[0.000000] init_memory_mapping: [mem 0xbdbff000-0xbdbfffff]
[0.000000] [mem 0xbdbff000-0xbdbfffff] page 4k
[0.000000] init_memory_mapping: [mem 0x100000000-0x11ffffff]
[0.000000] [mem 0x100000000-0x11ffffff] page 2M
[0.000000] RAMDISK: [mem 0x35a42000-0x36d18fff]
[0.000000] ACPI: Early table checksum verification disabled
[0.000000] ACPI: RSDP 0x00000000000F74E0 000024 (v02 PTLTD)
[0.000000] ACPI: XSDT 0x00000000BDBF68BE 000074 (v01 FICINC FIRST NB 06040000 LTP
00000000)
[0.000000] ACPI: FACP 0x00000000BDBE6000 0000F4 (v03 INTEL CRESTLNE 06040000
ALAN 00000001)
[0.000000] ACPI: DSDT 0x00000000BDBE7000 00822C (v02 FIC PMN70 06040000 INTL
20050624)
[0.000000] ACPI: FACS 0x00000000BDB9EFC0 000040
[0.000000] ACPI: FACS 0x00000000BDB9EFC0 000040
[0.000000] ACPI: HPET 0x00000000BDBFED6A 000038 (v01 INTEL CRESTLNE 06040000
LOHR 0000005A)
[0.000000] ACPI: MCFG 0x00000000BDBFEDA2 00003C (v01 INTEL CRESTLNE 06040000
LOHR 0000005A)
[0.000000] ACPI: SLIC 0x00000000BDBFEDDE 000176 (v01 FICINC FIRST NB 06040000

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LOHR 0000005A)
[ 0.000000] ACPI: APIC 0x00000000BDBFEF54 000084 (v01 PTLTD ? APIC 06040000 LTP
00000000)
[ 0.000000] ACPI: BOOT 0x00000000BDBFEFD8 000028 (v01 PTLTD $SBFTBL$ 06040000 LTP
00000001)
[ 0.000000] ACPI: SSDT 0x00000000BDBF695A 00007C (v01 BrtRef DD01BRT 00001000 INTL
20050624)
[ 0.000000] ACPI: SSDT 0x00000000BDBE5000 000655 (v01 PmRef CpuPm 00003000 INTL
20050624)
[ 0.000000] ACPI: SSDT 0x00000000BDBE4000 000259 (v01 PmRef Cpu0Tst 00003000 INTL
20050624)
[ 0.000000] ACPI: SSDT 0x00000000BDBE3000 00020F (v01 PmRef ApTst 00003000 INTL
20050624)
[ 0.000000] ACPI: Local APIC address 0xfee00000
[ 0.000000] No NUMA configuration found
[ 0.000000] Faking a node at [mem 0x0000000000000000-0x000000013fffffff]
[ 0.000000] NODE_DATA(0) allocated [mem 0x13ffe9000-0x13fffcfff]
[ 0.000000] [ffffea0000000000-ffffea0004ffffff] PMD -> [ffff88013b600000-ffff88013f5ffff] on
node 0
[ 0.000000] Zone ranges:
[ 0.000000] DMA [mem 0x0000000000001000-0x000000000000ffffff]
[ 0.000000] DMA32 [mem 0x0000000001000000-0x000000000000ffffff]
[ 0.000000] Normal [mem 0x0000000100000000-0x000000013fffffff]
[ 0.000000] Movable zone start for each node
[ 0.000000] Early memory node ranges
[ 0.000000] node 0: [mem 0x0000000000001000-0x0000000000009bfff]
[ 0.000000] node 0: [mem 0x0000000001000000-0x000000000bd6a0fff]
[ 0.000000] node 0: [mem 0x00000000bd6a7000-0x00000000bd7c1fff]
[ 0.000000] node 0: [mem 0x00000000bd80f000-0x00000000bd907fff]
[ 0.000000] node 0: [mem 0x00000000bdb0f000-0x00000000bdb17fff]
[ 0.000000] node 0: [mem 0x00000000bdb1f000-0x00000000bdb53fff]
[ 0.000000] node 0: [mem 0x00000000bdb9f000-0x00000000bdbe1fff]
[ 0.000000] node 0: [mem 0x00000000bdbff000-0x00000000bdbffffff]
[ 0.000000] node 0: [mem 0x0000000100000000-0x000000013fffffff]
[ 0.000000] Initmem setup node 0 [mem 0x0000000000001000-0x000000013fffffff]
[ 0.000000] On node 0 totalpages: 1038546
[ 0.000000] DMA zone: 64 pages used for memmap
[ 0.000000] DMA zone: 21 pages reserved
[ 0.000000] DMA zone: 3995 pages, LIFO batch:0
[ 0.000000] DMA32 zone: 12069 pages used for memmap
[ 0.000000] DMA32 zone: 772407 pages, LIFO batch:31
[ 0.000000] Normal zone: 4096 pages used for memmap
[ 0.000000] Normal zone: 262144 pages, LIFO batch:31
[ 0.000000] Reserving Intel graphics stolen memory at 0xbe000000-0xbfffffff
[ 0.000000] ACPI: PM-Timer IO Port: 0x408
[ 0.000000] ACPI: Local APIC address 0xfee00000
[ 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])

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[ 0.000000] ACPI: LAPIC_NMI (acpi_id[0x03] high edge lint[0x1])
[ 0.000000] IOAPIC[0]: apic_id 4, 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: INT_SRC_OVR (bus 0 bus_irq 9 global_irq 9 high level)
[ 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: 0x8086a201 base: 0xfed00000
[ 0.000000] smpboot: Allowing 4 CPUs, 0 hotplug CPUs
[ 0.000000] PM: Registered nosave memory: [mem 0x00000000-0x00000fff]
[ 0.000000] PM: Registered nosave memory: [mem 0x0009c000-0x0009cfff]
[ 0.000000] PM: Registered nosave memory: [mem 0x0009d000-0x0009ffff]
[ 0.000000] PM: Registered nosave memory: [mem 0x000a0000-0x000e3fff]
[ 0.000000] PM: Registered nosave memory: [mem 0x000e4000-0x000fffff]
[ 0.000000] PM: Registered nosave memory: [mem 0xbd6a1000-0xbd6a6fff]
[ 0.000000] PM: Registered nosave memory: [mem 0xbd7c2000-0xbd80efff]
[ 0.000000] PM: Registered nosave memory: [mem 0xbd908000-0xbdb0efff]
[ 0.000000] PM: Registered nosave memory: [mem 0xbdb18000-0xbdb1efff]
[ 0.000000] PM: Registered nosave memory: [mem 0xbdb54000-0xbdb9efff]
[ 0.000000] PM: Registered nosave memory: [mem 0xbdbe2000-0xbdbfefff]
[ 0.000000] PM: Registered nosave memory: [mem 0xbdc00000-0xbdffffff]
[ 0.000000] PM: Registered nosave memory: [mem 0xbe000000-0xbfffffff]
[ 0.000000] PM: Registered nosave memory: [mem 0xc0000000-0xffffffff]
[ 0.000000] e820: [mem 0xc0000000-0xffffffff] available for PCI devices
[ 0.000000] Booting paravirtualized kernel on bare hardware
[ 0.000000] clocksource refined-jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns:
1910969940391419 ns
[ 0.000000] setup_percpu: NR_CPUS:1024 nr_cpumask_bits:4 nr_cpu_ids:4 nr_node_ids:1
[ 0.000000] PERCPU: Embedded 34 pages/cpu @ffff88013fc00000 s101016 r8192 d30056 u524288
[ 0.000000] pcpu-alloc: s101016 r8192 d30056 u524288 alloc=1*2097152
[ 0.000000] pcpu-alloc: [0] 0 1 2 3
[ 0.000000] Built 1 zonelists in Node order, mobility grouping on. Total pages: 1022296
[ 0.000000] Policy zone: Normal
[ 0.000000] Kernel command line: BOOT_IMAGE=/vmlinuz-4.1.10-200.fc22.x86_64
root=/dev/mapper/fedora-root ro rd.lvm.lv=fedora/swap vconsole.font=latarcyrheb-sun16
rd.lvm.lv=fedora/root rhgb quiet LANG=en_US.UTF-8
[ 0.000000] PID hash table entries: 4096 (order: 3, 32768 bytes)
[ 0.000000] xsave: enabled xstate_bv 0x3, cntxt size 0x240 using standard form
[ 0.000000] Memory: 3985696K/4154184K available (7831K kernel code, 1242K rwdata, 3268K
rodata, 1516K init, 1524K bss, 168488K reserved, 0K cma-reserved)
[ 0.000000] SLUB: HWalign=64, Order=0-3, MinObjects=0, CPUs=4, Nodes=1
[ 0.000000] Hierarchical RCU implementation.
[ 0.000000] RCU dyntick-idle grace-period acceleration is enabled.
[ 0.000000] RCU restricting CPUs from NR_CPUS=1024 to nr_cpu_ids=4.
[ 0.000000] RCU: Adjusting geometry for rcu_fanout_leaf=16, nr_cpu_ids=4
[ 0.000000] NR_IRQS:65792 nr_irqs:456 16
[ 0.000000] Offload RCU callbacks from all CPUs
[ 0.000000] Offload RCU callbacks from CPUs: 0-3.
[ 0.000000] Console: colour VGA+ 80x25

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[ 0.000000] console [tty0] enabled
[ 0.000000] clocksource hpet: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns: 133484882848 ns
[ 0.000000] hpet clockevent registered
[ 0.000000] tsc: Fast TSC calibration using PIT
[ 0.000000] tsc: Detected 1995.103 MHz processor
[ 0.001012] Calibrating delay loop (skipped), value calculated using timer frequency.. 3990.20
BogoMIPS (lpj=1995103)
[ 0.001016] pid_max: default: 32768 minimum: 301
[ 0.001026] ACPI: Core revision 20150410
[ 0.009719] ACPI: All ACPI Tables successfully acquired
[ 0.009754] Security Framework initialized
[ 0.009765] SELinux: Initializing.
[ 0.009773] SELinux: Starting in permissive mode
[ 0.009775] Yama: becoming mindful.
[ 0.010285] Dentry cache hash table entries: 524288 (order: 10, 4194304 bytes)
[ 0.012235] Inode-cache hash table entries: 262144 (order: 9, 2097152 bytes)
[ 0.013231] Mount-cache hash table entries: 8192 (order: 4, 65536 bytes)
[ 0.013244] Mountpoint-cache hash table entries: 8192 (order: 4, 65536 bytes)
[ 0.013607] Initializing cgroup subsys blkio
[ 0.013612] Initializing cgroup subsys memory
[ 0.013625] Initializing cgroup subsys devices
[ 0.013629] Initializing cgroup subsys freezer
[ 0.013633] Initializing cgroup subsys net_cls
[ 0.013636] Initializing cgroup subsys perf_event
[ 0.013640] Initializing cgroup subsys net_prio
[ 0.013644] Initializing cgroup subsys hugetlb
[ 0.013676] CPU: Physical Processor ID: 0
[ 0.013678] CPU: Processor Core ID: 0
[ 0.013680] mce: CPU supports 6 MCE banks
[ 0.013688] CPU0: Thermal monitoring handled by SMI
[ 0.013692] process: using mwait in idle threads
[ 0.013698] Last level iTLB entries: 4KB 128, 2MB 4, 4MB 4
[ 0.013699] Last level dTLB entries: 4KB 256, 2MB 0, 4MB 32, 1GB 0
[ 0.013849] Freeing SMP alternatives memory: 28K (ffffff81eb3000 - fffffff81eba000)
[ 0.016007] ftrace: allocating 28133 entries in 110 pages
[ 0.024491] ..TIMER: vector=0x30 apic1=0 pin1=2 apic2=-1 pin2=-1
[ 0.035000] smpboot: CPU0: Intel(R) Core(TM)2 Quad CPU Q9000 @ 2.00GHz (fam: 06, model:
17, stepping: 0a)
[ 0.035000] Performance Events: PEBS fmt0+, 4-deep LBR, Core2 events, Intel PMU driver.
[ 0.035000] ... version:          2
[ 0.035000] ... bit width:             40
[ 0.035000] ... generic registers:      2
[ 0.035000] ... value mask:             000000ffffffff
[ 0.035000] ... max period:             000000007fffffff
[ 0.035000] ... fixed-purpose events:  3
[ 0.035000] ... event mask:           0000000700000003
[ 0.035176] x86: Booting SMP configuration:
[ 0.035178] .... node #0, CPUs:      #1
[ 0.035046] microcode: CPU1 microcode updated early to revision 0xa0b, date = 2010-09-28

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[0.035046] CPU1: Thermal monitoring handled by SMI
[0.048108] NMI watchdog: enabled on all CPUs, permanently consumes one hw-PMU counter.
[0.049144] #2
[0.048127] microcode: CPU2 microcode updated early to revision 0xa0b, date = 2010-09-28
[0.048127] CPU2: Thermal monitoring handled by SMI
[0.069141] #3
[0.069015] microcode: CPU3 microcode updated early to revision 0xa0b, date = 2010-09-28
[0.069015] CPU3: Thermal monitoring handled by SMI
[0.089014] x86: Booted up 1 node, 4 CPUs
[0.089019] smpboot: Total of 4 processors activated (15960.82 BogoMIPS)
[0.090158] devtmpfs: initialized
[0.095076] PM: Registering ACPI NVS region [mem 0xbdb54000-0xbdb9efff] (307200 bytes)
[0.095159] clocksource jiffies: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns:
1911260446275000 ns
[0.095205] atomic64_test: passed for x86-64 platform with CX8 and with SSE
[0.095205] pinctrl core: initialized pinctrl subsystem
[0.095205] RTC time: 6:44:42, date: 11/09/15
[0.095239] NET: Registered protocol family 16
[0.099006] cpuidle: using governor menu
[0.099111] ACPI: bus type PCI registered
[0.099114] acpiphp: ACPI Hot Plug PCI Controller Driver version: 0.5
[0.099232] PCI: MMCONFIG for domain 0000 [bus 00-ff] at [mem 0xe0000000-0xffffffff] (base
0xe0000000)
[0.099235] PCI: not using MMCONFIG
[0.099237] PCI: Using configuration type 1 for base access
[0.106068] ACPI: Added _OSI(Module Device)
[0.106070] ACPI: Added _OSI(Processor Device)
[0.106072] ACPI: Added _OSI(3.0 _SCP Extensions)
[0.106074] ACPI: Added _OSI(Processor Aggregator Device)
[0.111120] [Firmware Bug]: ACPI: BIOS _OSI(Linux) query ignored
[0.619441] ACPI: Dynamic OEM Table Load:
[0.619451] ACPI: SSDT 0xFFFFF88013A5EE800 000275 (v01 PmRef Cpu0Ist 00003000 INTL
20050624)
[0.619952] ACPI: Dynamic OEM Table Load:
[0.619960] ACPI: SSDT 0xFFFFF88013A5F2000 00063A (v01 PmRef Cpu0Cst 00003001 INTL
20050624)
[0.620684] ACPI: Dynamic OEM Table Load:
[0.620692] ACPI: SSDT 0xFFFFF88013A63E200 0001CF (v01 PmRef ApIst 00003000 INTL
20050624)
[0.621147] ACPI: Dynamic OEM Table Load:
[0.621154] ACPI: SSDT 0xFFFFF88013A5D0840 00008D (v01 PmRef ApCst 00003000 INTL
20050624)
[0.622039] ACPI : EC: EC started
[0.622083] ACPI: Interpreter enabled
[0.622090] ACPI Exception: AE_NOT_FOUND, While evaluating Sleep State [_S1_]
(20150410/hwxface-580)
[0.622096] ACPI Exception: AE_NOT_FOUND, While evaluating Sleep State [_S2_]
(20150410/hwxface-580)
[0.622113] ACPI: (supports S0 S3 S4 S5)

[0.622115] ACPI: Using IOAPIC for interrupt routing
[0.622137] PCI: MMCONFIG for domain 0000 [bus 00-ff] at [mem 0xe0000000-0xffffffff] (base 0xe0000000)
[0.622865] PCI: MMCONFIG at [mem 0xe0000000-0xffffffff] reserved in ACPI motherboard resources
[0.623398] PCI: Using host bridge windows from ACPI; if necessary, use "pci=nocrs" and report a bug
[0.624638] [Firmware Bug]: ACPI: No _BQC method, cannot determine initial brightness
[0.629442] ACPI: PCI Root Bridge [PCI0] (domain 0000 [bus 00-ff])
[0.629450] acpi PNP0A08:00: _OSC: OS supports [ExtendedConfig ASPM ClockPM Segments MSI]
[0.629456] acpi PNP0A08:00: _OSC failed (AE_NOT_FOUND); disabling ASPM
[0.630003] PCI host bridge to bus 0000:00
[0.630007] pci_bus 0000:00: root bus resource [bus 00-ff]
[0.630010] pci_bus 0000:00: root bus resource [io 0x0000-0x0cf7 window]
[0.630013] pci_bus 0000:00: root bus resource [io 0x0d00-0xffff window]
[0.630016] pci_bus 0000:00: root bus resource [mem 0x000a0000-0x000bffff window]
[0.630018] pci_bus 0000:00: root bus resource [mem 0x000d4000-0x000d7fff window]
[0.630021] pci_bus 0000:00: root bus resource [mem 0x000e0000-0x000e3fff window]
[0.630023] pci_bus 0000:00: root bus resource [mem 0xc0000000-0xdfffffff window]
[0.630026] pci_bus 0000:00: root bus resource [mem 0xf0000000-0xfebfffff window]
[0.630036] pci 0000:00:00.0: [8086:2a40] type 00 class 0x060000
[0.630063] DMAR: Forcing write-buffer flush capability
[0.630064] DMAR: Disabling IOMMU for graphics on this chipset
[0.630162] pci 0000:00:01.0: [8086:2a41] type 01 class 0x060400
[0.630206] pci 0000:00:01.0: PME# supported from D0 D3hot D3cold
[0.630306] pci 0000:00:02.0: [8086:2a42] type 00 class 0x030000
[0.630319] pci 0000:00:02.0: reg 0x10: [mem 0xf3000000-0xf33fffff 64bit]
[0.630328] pci 0000:00:02.0: reg 0x18: [mem 0xd0000000-0xdfffffff 64bit pref]
[0.630334] pci 0000:00:02.0: reg 0x20: [io 0x1800-0x1807]
[0.630523] pci 0000:00:1a.0: [8086:2937] type 00 class 0x0c0300
[0.630567] pci 0000:00:1a.0: reg 0x20: [io 0x1820-0x183f]
[0.630664] pci 0000:00:1a.0: System wakeup disabled by ACPI
[0.630723] pci 0000:00:1a.1: [8086:2938] type 00 class 0x0c0300
[0.630767] pci 0000:00:1a.1: reg 0x20: [io 0x1840-0x185f]
[0.630864] pci 0000:00:1a.1: System wakeup disabled by ACPI
[0.630923] pci 0000:00:1a.2: [8086:2939] type 00 class 0x0c0300
[0.630967] pci 0000:00:1a.2: reg 0x20: [io 0x1860-0x187f]
[0.631066] pci 0000:00:1a.2: System wakeup disabled by ACPI
[0.631134] pci 0000:00:1a.7: [8086:293c] type 00 class 0x0c0320
[0.631153] pci 0000:00:1a.7: reg 0x10: [mem 0xf3804800-0xf3804bff]
[0.631235] pci 0000:00:1a.7: PME# supported from D0 D3hot D3cold
[0.631286] pci 0000:00:1a.7: System wakeup disabled by ACPI
[0.631347] pci 0000:00:1b.0: [8086:293e] type 00 class 0x040300
[0.631365] pci 0000:00:1b.0: reg 0x10: [mem 0xf3800000-0xf3803fff 64bit]
[0.631435] pci 0000:00:1b.0: PME# supported from D0 D3hot D3cold
[0.631541] pci 0000:00:1c.0: [8086:2940] type 01 class 0x060400
[0.631610] pci 0000:00:1c.0: PME# supported from D0 D3hot D3cold
[0.631720] pci 0000:00:1c.1: [8086:2942] type 01 class 0x060400

[0.631788] pci 0000:00:1c.1: PME# supported from D0 D3hot D3cold
[0.631898] pci 0000:00:1c.5: [8086:294a] type 01 class 0x060400
[0.631966] pci 0000:00:1c.5: PME# supported from D0 D3hot D3cold
[0.632079] pci 0000:00:1d.0: [8086:2934] type 00 class 0x0c0300
[0.632123] pci 0000:00:1d.0: reg 0x20: [io 0x1880-0x189f]
[0.632219] pci 0000:00:1d.0: System wakeup disabled by ACPI
[0.632278] pci 0000:00:1d.1: [8086:2935] type 00 class 0x0c0300
[0.632322] pci 0000:00:1d.1: reg 0x20: [io 0x18a0-0x18bf]
[0.632416] pci 0000:00:1d.1: System wakeup disabled by ACPI
[0.632476] pci 0000:00:1d.2: [8086:2936] type 00 class 0x0c0300
[0.632519] pci 0000:00:1d.2: reg 0x20: [io 0x18c0-0x18df]
[0.632614] pci 0000:00:1d.2: System wakeup disabled by ACPI
[0.632684] pci 0000:00:1d.7: [8086:293a] type 00 class 0x0c0320
[0.632703] pci 0000:00:1d.7: reg 0x10: [mem 0xf3804c00-0xf3804fff]
[0.632786] pci 0000:00:1d.7: PME# supported from D0 D3hot D3cold
[0.632836] pci 0000:00:1d.7: System wakeup disabled by ACPI
[0.632895] pci 0000:00:1e.0: [8086:2448] type 01 class 0x060401
[0.633037] pci 0000:00:1f.0: [8086:2919] type 00 class 0x060100
[0.633227] pci 0000:00:1f.2: [8086:2929] type 00 class 0x010601
[0.633243] pci 0000:00:1f.2: reg 0x10: [io 0x1818-0x181f]
[0.633252] pci 0000:00:1f.2: reg 0x14: [io 0x180c-0x180f]
[0.633261] pci 0000:00:1f.2: reg 0x18: [io 0x1810-0x1817]
[0.633270] pci 0000:00:1f.2: reg 0x1c: [io 0x1808-0x180b]
[0.633279] pci 0000:00:1f.2: reg 0x20: [io 0x18e0-0x18ff]
[0.633288] pci 0000:00:1f.2: reg 0x24: [mem 0xf3804000-0xf38047ff]
[0.633327] pci 0000:00:1f.2: PME# supported from D3hot
[0.633428] pci 0000:00:1f.3: [8086:2930] type 00 class 0x0c0500
[0.633444] pci 0000:00:1f.3: reg 0x10: [mem 0x00000000-0x000000ff 64bit]
[0.633466] pci 0000:00:1f.3: reg 0x20: [io 0x1c00-0x1c1f]
[0.633719] pci 0000:01:00.0: [10de:0652] type 00 class 0x030000
[0.633789] pci 0000:01:00.0: reg 0x10: [mem 0xf2000000-0xf2ffffff]
[0.633859] pci 0000:01:00.0: reg 0x14: [mem 0xc0000000-0xcfffffff 64bit pref]
[0.633921] pci 0000:01:00.0: reg 0x1c: [mem 0xf0000000-0xf1ffffff 64bit]
[0.633952] pci 0000:01:00.0: reg 0x24: [io 0x2000-0x207f]
[0.633989] pci 0000:01:00.0: reg 0x30: [mem 0x00000000-0x0007ffff pref]
[0.636045] pci 0000:00:01.0: PCI bridge to [bus 01]
[0.636049] pci 0000:00:01.0: bridge window [io 0x2000-0x2fff]
[0.636053] pci 0000:00:01.0: bridge window [mem 0xf0000000-0xf2ffffff]
[0.636057] pci 0000:00:01.0: bridge window [mem 0xc0000000-0xcfffffff 64bit pref]
[0.636146] acpiphp: Slot [1] registered
[0.636157] pci 0000:00:1c.0: PCI bridge to [bus 02-03]
[0.636162] pci 0000:00:1c.0: bridge window [io 0x3000-0x3fff]
[0.636166] pci 0000:00:1c.0: bridge window [mem 0xf4000000-0xf5ffffff]
[0.636172] pci 0000:00:1c.0: bridge window [mem 0xf6000000-0xf7ffffff 64bit pref]
[0.636252] pci 0000:04:00.0: [168c:002a] type 00 class 0x028000
[0.636276] pci 0000:04:00.0: reg 0x10: [mem 0x00000000-0x0000ffff 64bit]
[0.636381] pci 0000:04:00.0: supports D1
[0.636384] pci 0000:04:00.0: PME# supported from D0 D1 D3hot
[0.636414] pci 0000:04:00.0: System wakeup disabled by ACPI

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[ 0.636466] pci 0000:04:00.0: disabling ASPM on pre-1.1 PCIe device. You can enable it with
'pcie_aspm=force'
[ 0.636476] pci 0000:00:1c.1: PCI bridge to [bus 04]
[ 0.636482] pci 0000:00:1c.1: bridge window [mem 0xf3400000-0xf34fffff]
[ 0.636580] pci 0000:05:00.0: [10ec:8168] type 00 class 0x020000
[ 0.636610] pci 0000:05:00.0: reg 0x10: [io 0x4000-0x40ff]
[ 0.636643] pci 0000:05:00.0: reg 0x18: [mem 0xf3500000-0xf3500fff 64bit]
[ 0.636666] pci 0000:05:00.0: reg 0x20: [mem 0xf8000000-0xf8003fff 64bit pref]
[ 0.636684] pci 0000:05:00.0: reg 0x30: [mem 0x00000000-0x0001ffff pref]
[ 0.636765] pci 0000:05:00.0: supports D1 D2
[ 0.636767] pci 0000:05:00.0: PME# supported from D0 D1 D2 D3hot D3cold
[ 0.636806] pci 0000:05:00.0: System wakeup disabled by ACPI
[ 0.636898] pci 0000:00:1c.5: PCI bridge to [bus 05]
[ 0.636903] pci 0000:00:1c.5: bridge window [io 0x4000-0x4fff]
[ 0.636908] pci 0000:00:1c.5: bridge window [mem 0xf3500000-0xf35fffff]
[ 0.636914] pci 0000:00:1c.5: bridge window [mem 0xf8000000-0xf80fffff 64bit pref]
[ 0.636996] pci 0000:00:1e.0: PCI bridge to [bus 06] (subtractive decode)
[ 0.637010] pci 0000:00:1e.0: bridge window [io 0x0000-0x0cf7 window] (subtractive decode)
[ 0.637013] pci 0000:00:1e.0: bridge window [io 0x0d00-0xffff window] (subtractive decode)
[ 0.637016] pci 0000:00:1e.0: bridge window [mem 0x000a0000-0x000bffff window] (subtractive
decode)
[ 0.637019] pci 0000:00:1e.0: bridge window [mem 0x000d4000-0x000d7fff window] (subtractive
decode)
[ 0.637021] pci 0000:00:1e.0: bridge window [mem 0x000e0000-0x000e3fff window] (subtractive
decode)
[ 0.637024] pci 0000:00:1e.0: bridge window [mem 0xc0000000-0xdfffffff window] (subtractive
decode)
[ 0.637027] pci 0000:00:1e.0: bridge window [mem 0xf0000000-0xfebfffff window] (subtractive
decode)
[ 0.637453] ACPI: PCI Interrupt Link [LNKA] (IRQs 1 3 4 *5 6 7 10 12 14 15)
[ 0.637519] ACPI: PCI Interrupt Link [LNKB] (IRQs 1 3 4 5 6 7 *11 12 14 15)
[ 0.637580] ACPI: PCI Interrupt Link [LNKC] (IRQs 1 3 4 5 6 *7 10 12 14 15)
[ 0.637640] ACPI: PCI Interrupt Link [LNKD] (IRQs 1 3 4 5 6 7 11 12 14 15) *10
[ 0.637701] ACPI: PCI Interrupt Link [LNKE] (IRQs 1 3 4 5 6 7 10 12 14 15) *0, disabled.
[ 0.637762] ACPI: PCI Interrupt Link [LNKF] (IRQs 1 3 4 5 6 7 11 12 14 15) *0, disabled.
[ 0.637822] ACPI: PCI Interrupt Link [LNKG] (IRQs 1 3 4 5 6 7 *10 12 14 15)
[ 0.637882] ACPI: PCI Interrupt Link [LNKH] (IRQs 1 3 4 5 6 7 *11 12 14 15)
[ 0.637963] ACPI: Enabled 5 GPEs in block 00 to 3F
[ 0.638187] ACPI : EC: GPE = 0x17, I/O: command/status = 0x66, data = 0x62
[ 0.638299] vgaarb: setting as boot device: PCI:0000:00:02.0
[ 0.638299] vgaarb: device added: PCI:0000:00:02.0,decodes=io+mem,owns=io+mem,locks=none
[ 0.638299] vgaarb: device added: PCI:0000:01:00.0,decodes=io+mem,owns=none,locks=none
[ 0.638299] vgaarb: loaded
[ 0.638299] vgaarb: bridge control possible 0000:01:00.0
[ 0.638299] vgaarb: no bridge control possible 0000:00:02.0
[ 0.638299] SCSI subsystem initialized
[ 0.638307] libata version 3.00 loaded.
[ 0.638307] ACPI: bus type USB registered
[ 0.638307] usbcore: registered new interface driver usbfs

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[0.638307] usbcore: registered new interface driver hub
[0.638307] usbcore: registered new device driver usb
[0.638307] PCI: Using ACPI for IRQ routing
[0.645364] PCI: pci_cache_line_size set to 64 bytes
[0.645459] e820: reserve RAM buffer [mem 0x0009c400-0x0009ffff]
[0.645462] e820: reserve RAM buffer [mem 0xbd6a1000-0xbfffffff]
[0.645466] e820: reserve RAM buffer [mem 0xbd7c2000-0xbfffffff]
[0.645469] e820: reserve RAM buffer [mem 0xbd908000-0xbfffffff]
[0.645472] e820: reserve RAM buffer [mem 0xbdb18000-0xbfffffff]
[0.645474] e820: reserve RAM buffer [mem 0xbdb54000-0xbfffffff]
[0.645477] e820: reserve RAM buffer [mem 0xbdbe2000-0xbfffffff]
[0.645479] e820: reserve RAM buffer [mem 0xbdc00000-0xbfffffff]
[0.645682] NetLabel: Initializing
[0.645684] NetLabel: domain hash size = 128
[0.645686] NetLabel: protocols = UNLabeled CIPSOv4
[0.645710] NetLabel: unlabeled traffic allowed by default
[0.645795] HPET: 4 timers in total, 0 timers will be used for per-cpu timer
[0.645800] hpet0: at MMIO 0xfed00000, IRQs 2, 8, 0, 0
[0.645806] hpet0: 4 comparators, 64-bit 14.318180 MHz counter
[0.648028] Switched to clocksource hpet
[0.661541] pnp: PnP ACPI init
[0.662164] system 00:00: [mem 0xfed00000-0xfed003ff] has been reserved
[0.662172] system 00:00: Plug and Play ACPI device, IDs PNP0103 PNP0c01 (active)
[0.662274] system 00:01: [io 0x0680-0x069f] has been reserved
[0.662278] system 00:01: [io 0x0480-0x048f] has been reserved
[0.662282] system 00:01: [io 0x0900-0x0903] has been reserved
[0.662286] system 00:01: [io 0xffff] has been reserved
[0.662290] system 00:01: [io 0x1000-0x107f] has been reserved
[0.662293] system 00:01: [io 0x1180-0x11ff] has been reserved
[0.662297] system 00:01: [io 0x164e-0x164f] has been reserved
[0.662300] system 00:01: [io 0xfe00] has been reserved
[0.662306] system 00:01: Plug and Play ACPI device, IDs PNP0c02 (active)
[0.662368] pnp 00:02: Plug and Play ACPI device, IDs PNP0b00 (active)
[0.662424] pnp 00:03: Plug and Play ACPI device, IDs PNP0303 (active)
[0.662475] pnp 00:04: Plug and Play ACPI device, IDs PNP0f13 (active)
[0.662684] system 00:05: [mem 0xfed1c000-0xfed1ffff] has been reserved
[0.662689] system 00:05: [mem 0xfed10000-0xfed13fff] has been reserved
[0.662693] system 00:05: [mem 0xfed18000-0xfed18fff] has been reserved
[0.662696] system 00:05: [mem 0xfed19000-0xfed19fff] has been reserved
[0.662700] system 00:05: [mem 0xe0000000-0xffffffff] has been reserved
[0.662703] system 00:05: [mem 0xfed20000-0xfed3ffff] has been reserved
[0.662707] system 00:05: [mem 0xfed45000-0xfed8ffff] has been reserved
[0.662712] system 00:05: Plug and Play ACPI device, IDs PNP0c02 (active)
[0.662868] pnp: PnP ACPI: found 6 devices
[0.670870] clocksource acpi_pm: mask: 0xffffffff max_cycles: 0xffffffff, max_idle_ns: 2085701024 ns
[0.670903] pci 0000:00:1c.1: bridge window [io 0x1000-0x0fff] to [bus 04] add_size 1000
[0.670909] pci 0000:00:1c.1: bridge window [mem 0x00100000-0x000fffff 64bit pref] to [bus 04]
add_size 200000 add_align 100000
[0.670931] pci 0000:00:1c.1: res[15]=[mem 0x00100000-0x000fffff 64bit pref] res_to_dev_res

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add_size 200000 min_align 100000
[ 0.670935] pci 0000:00:1c.1: res[15]=[mem 0x00100000-0x002fffff 64bit pref] res_to_dev_res
add_size 200000 min_align 100000
[ 0.670939] pci 0000:00:1c.1: res[13]=[io 0x1000-0x0fff] res_to_dev_res add_size 1000 min_align
1000
[ 0.670943] pci 0000:00:1c.1: res[13]=[io 0x1000-0x1fff] res_to_dev_res add_size 1000 min_align
1000
[ 0.670955] pci 0000:00:1c.1: BAR 15: assigned [mem 0xf3600000-0xf37fffff 64bit pref]
[ 0.670960] pci 0000:00:1c.1: BAR 13: assigned [io 0x5000-0x5fff]
[ 0.670968] pci 0000:00:1f.3: BAR 0: assigned [mem 0xf3805000-0xf38050ff 64bit]
[ 0.670982] pci 0000:01:00.0: BAR 6: no space for [mem size 0x00080000 pref]
[ 0.670986] pci 0000:01:00.0: BAR 6: failed to assign [mem size 0x00080000 pref]
[ 0.670989] pci 0000:00:01.0: PCI bridge to [bus 01]
[ 0.670994] pci 0000:00:01.0: bridge window [io 0x2000-0x2fff]
[ 0.670999] pci 0000:00:01.0: bridge window [mem 0xf0000000-0xf2ffffff]
[ 0.671011] pci 0000:00:01.0: bridge window [mem 0xc0000000-0xcfffffff 64bit pref]
[ 0.671017] pci 0000:00:1c.0: PCI bridge to [bus 02-03]
[ 0.671021] pci 0000:00:1c.0: bridge window [io 0x3000-0x3fff]
[ 0.671028] pci 0000:00:1c.0: bridge window [mem 0xf4000000-0xf5ffffff]
[ 0.671033] pci 0000:00:1c.0: bridge window [mem 0xf6000000-0xf7ffffff 64bit pref]
[ 0.671042] pci 0000:04:00.0: BAR 0: assigned [mem 0xf3400000-0xf340ffff 64bit]
[ 0.671057] pci 0000:00:1c.1: PCI bridge to [bus 04]
[ 0.671061] pci 0000:00:1c.1: bridge window [io 0x5000-0x5fff]
[ 0.671067] pci 0000:00:1c.1: bridge window [mem 0xf3400000-0xf34fffff]
[ 0.671073] pci 0000:00:1c.1: bridge window [mem 0xf3600000-0xf37fffff 64bit pref]
[ 0.671081] pci 0000:05:00.0: BAR 6: assigned [mem 0xf3520000-0xf353ffff pref]
[ 0.671085] pci 0000:00:1c.5: PCI bridge to [bus 05]
[ 0.671089] pci 0000:00:1c.5: bridge window [io 0x4000-0x4fff]
[ 0.671095] pci 0000:00:1c.5: bridge window [mem 0xf3500000-0xf35fffff]
[ 0.671100] pci 0000:00:1c.5: bridge window [mem 0xf8000000-0xf80fffff 64bit pref]
[ 0.671108] pci 0000:00:1e.0: PCI bridge to [bus 06]
[ 0.671121] pci_bus 0000:00: resource 4 [io 0x0000-0x0cf7 window]
[ 0.671124] pci_bus 0000:00: resource 5 [io 0x0d00-0xffff window]
[ 0.671128] pci_bus 0000:00: resource 6 [mem 0x000a0000-0x000bffff window]
[ 0.671131] pci_bus 0000:00: resource 7 [mem 0x000d4000-0x000d7fff window]
[ 0.671134] pci_bus 0000:00: resource 8 [mem 0x000e0000-0x000e3fff window]
[ 0.671138] pci_bus 0000:00: resource 9 [mem 0xc0000000-0xdfffffff window]
[ 0.671141] pci_bus 0000:00: resource 10 [mem 0xf0000000-0xfebfffff window]
[ 0.671144] pci_bus 0000:01: resource 0 [io 0x2000-0x2fff]
[ 0.671147] pci_bus 0000:01: resource 1 [mem 0xf0000000-0xf2ffffff]
[ 0.671151] pci_bus 0000:01: resource 2 [mem 0xc0000000-0xcfffffff 64bit pref]
[ 0.671154] pci_bus 0000:02: resource 0 [io 0x3000-0x3fff]
[ 0.671157] pci_bus 0000:02: resource 1 [mem 0xf4000000-0xf5ffffff]
[ 0.671160] pci_bus 0000:02: resource 2 [mem 0xf6000000-0xf7ffffff 64bit pref]
[ 0.671163] pci_bus 0000:04: resource 0 [io 0x5000-0x5fff]
[ 0.671167] pci_bus 0000:04: resource 1 [mem 0xf3400000-0xf34fffff]
[ 0.671170] pci_bus 0000:04: resource 2 [mem 0xf3600000-0xf37fffff 64bit pref]
[ 0.671173] pci_bus 0000:05: resource 0 [io 0x4000-0x4fff]
[ 0.671176] pci_bus 0000:05: resource 1 [mem 0xf3500000-0xf35fffff]

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[0.671179] pci_bus 0000:05: resource 2 [mem 0xf8000000-0xf80fffff 64bit pref]
[0.671183] pci_bus 0000:06: resource 4 [io 0x0000-0x0cf7 window]
[0.671186] pci_bus 0000:06: resource 5 [io 0x0d00-0xffff window]
[0.671189] pci_bus 0000:06: resource 6 [mem 0x000a0000-0x000bffff window]
[0.671192] pci_bus 0000:06: resource 7 [mem 0x000d4000-0x000d7fff window]
[0.671196] pci_bus 0000:06: resource 8 [mem 0x000e0000-0x000e3fff window]
[0.671199] pci_bus 0000:06: resource 9 [mem 0xc0000000-0xdfffffff window]
[0.671202] pci_bus 0000:06: resource 10 [mem 0xf0000000-0xfebfffff window]
[0.671253] NET: Registered protocol family 2
[0.671550] TCP established hash table entries: 32768 (order: 6, 262144 bytes)
[0.671720] TCP bind hash table entries: 32768 (order: 7, 524288 bytes)
[0.671918] TCP: Hash tables configured (established 32768 bind 32768)
[0.671974] UDP hash table entries: 2048 (order: 4, 65536 bytes)
[0.672023] UDP-Lite hash table entries: 2048 (order: 4, 65536 bytes)
[0.672115] NET: Registered protocol family 1
[0.672140] pci 0000:00:02.0: Video device with shadowed ROM
[0.673695] PCI: CLS 64 bytes, default 64
[0.673777] Unpacking initramfs...
[1.151196] Freeing initrd memory: 19292K (ffff880035a42000 - ffff880036d19000)
[1.151248] PCI-DMA: Using software bounce buffering for IO (SWIOTLB)
[1.151254] software IO TLB [mem 0xb96a1000-0xbd6a1000] (64MB) mapped at
[ffff8800b96a1000-ffff8800bd6a0fff]
[1.151350] Simple Boot Flag at 0x36 set to 0x1
[1.151527] microcode: CPU0 sig=0x1067a, pf=0x20, revision=0xa0b
[1.151539] microcode: CPU1 sig=0x1067a, pf=0x20, revision=0xa0b
[1.151552] microcode: CPU2 sig=0x1067a, pf=0x20, revision=0xa0b
[1.151560] microcode: CPU3 sig=0x1067a, pf=0x20, revision=0xa0b
[1.151681] microcode: Microcode Update Driver: v2.00 <tigran@aivazian.fsnet.co.uk>, Peter Oruba
[1.152761] futex hash table entries: 1024 (order: 4, 65536 bytes)
[1.152802] Initialise system trusted keyring
[1.152837] audit: initializing netlink subsys (disabled)
[1.152876] audit: type=2000 audit(1447051483.151:1): initialized
[1.153445] HugeTLB registered 2 MB page size, pre-allocated 0 pages
[1.156684] zpool: loaded
[1.156689] zbud: loaded
[1.156912] VFS: Disk quotas dquot_6.6.0
[1.156981] VFS: Dquot-cache hash table entries: 512 (order 0, 4096 bytes)
[1.157740] Key type big_key registered
[1.157745] SELinux: Registering netfilter hooks
[1.159050] alg: No test for stdrng (krng)
[1.159065] NET: Registered protocol family 38
[1.159078] Key type asymmetric registered
[1.159083] Asymmetric key parser 'x509' registered
[1.159156] Block layer SCSI generic (bsg) driver version 0.4 loaded (major 252)
[1.159218] io scheduler noop registered
[1.159223] io scheduler deadline registered
[1.159288] io scheduler cfq registered (default)
[1.160239] pci_hotplug: PCI Hot Plug PCI Core version: 0.5
[1.160268] pciehp: PCI Express Hot Plug Controller Driver version: 0.4

[1.160322] intel_idle: does not run on family 6 model 23
[1.160655] ACPI: AC Adapter [ACAD] (on-line)
[1.160781] input: Lid Switch as
/devices/LNXSYSTM:00/LNXXSYBUS:00/PNP0C0D:00/input/input0
[1.160802] ACPI: Lid Switch [LID]
[1.160875] input: Power Button as
/devices/LNXSYSTM:00/LNXXSYBUS:00/PNP0C0C:00/input/input1
[1.160880] ACPI: Power Button [PWRB]
[1.160951] input: Sleep Button as
/devices/LNXSYSTM:00/LNXXSYBUS:00/PNP0C0E:00/input/input2
[1.160955] ACPI: Sleep Button [SLPB]
[1.161048] input: Power Button as /devices/LNXSYSTM:00/LNXPWRBN:00/input/input3
[1.161051] ACPI: Power Button [PWRB]
[1.162706] Monitor-Mwait will be used to enter C-1 state
[1.162712] Monitor-Mwait will be used to enter C-2 state
[1.162716] Monitor-Mwait will be used to enter C-3 state
[1.162721] tsc: Marking TSC unstable due to TSC halts in idle
[1.162767] ACPI: acpi_idle registered with cpuidle
[1.189680] thermal LNX_THERM:00: registered as thermal_zone0
[1.189683] ACPI: Thermal Zone [TZ00] (33 C)
[1.189732] GHES: HEST is not enabled!
[1.189870] Serial: 8250/16550 driver, 4 ports, IRQ sharing enabled
[1.190961] Non-volatile memory driver v1.3
[1.191055] Linux agpgart interface v0.103
[1.191184] agpgart-intel 0000:00:00.0: Intel GM45 Chipset
[1.191222] agpgart-intel 0000:00:00.0: detected gtt size: 2097152K total, 262144K mappable
[1.193058] agpgart-intel 0000:00:00.0: detected 32768K stolen memory
[1.193291] agpgart-intel 0000:00:00.0: AGP aperture is 256M @ 0xd0000000
[1.194038] ahci 0000:00:1f.2: version 3.0
[1.196708] ahci 0000:00:1f.2: SSS flag set, parallel bus scan disabled
[1.196742] ahci 0000:00:1f.2: AHCI 0001.0200 32 slots 4 ports 3 Gbps 0x33 impl SATA mode
[1.196747] ahci 0000:00:1f.2: flags: 64bit ncq sntf stag pm led clo pio slum part ccc ems sxs
[1.199776] ACPI: Battery Slot [BAT0] (battery present)
[1.203297] scsi host0: ahci
[1.203596] scsi host1: ahci
[1.203848] scsi host2: ahci
[1.204092] scsi host3: ahci
[1.204319] scsi host4: ahci
[1.204529] scsi host5: ahci
[1.204620] ata1: SATA max UDMA/133 abar m2048@0xf3804000 port 0xf3804100 irq 28
[1.204624] ata2: SATA max UDMA/133 abar m2048@0xf3804000 port 0xf3804180 irq 28
[1.204626] ata3: DUMMY
[1.204628] ata4: DUMMY
[1.204631] ata5: SATA max UDMA/133 abar m2048@0xf3804000 port 0xf3804300 irq 28
[1.204634] ata6: SATA max UDMA/133 abar m2048@0xf3804000 port 0xf3804380 irq 28
[1.204774] libphy: Fixed MDIO Bus: probed
[1.204901] ehci_hcd: USB 2.0 'Enhanced' Host Controller (EHCI) Driver
[1.204909] ehci-pci: EHCI PCI platform driver
[1.205063] ehci-pci 0000:00:1a.7: EHCI Host Controller

[1.205140] ehci-pci 0000:00:1a.7: new USB bus registered, assigned bus number 1
[1.205155] ehci-pci 0000:00:1a.7: debug port 1
[1.209050] ehci-pci 0000:00:1a.7: cache line size of 64 is not supported
[1.209069] ehci-pci 0000:00:1a.7: irq 19, io mem 0xf3804800
[1.215040] ehci-pci 0000:00:1a.7: USB 2.0 started, EHCI 1.00
[1.215119] usb usb1: New USB device found, idVendor=1d6b, idProduct=0002
[1.215122] usb usb1: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[1.215126] usb usb1: Product: EHCI Host Controller
[1.215129] usb usb1: Manufacturer: Linux 4.1.10-200.fc22.x86_64 ehci_hcd
[1.215132] usb usb1: SerialNumber: 0000:00:1a.7
[1.215347] hub 1-0:1.0: USB hub found
[1.215359] hub 1-0:1.0: 6 ports detected
[1.215729] ehci-pci 0000:00:1d.7: EHCI Host Controller
[1.215831] ehci-pci 0000:00:1d.7: new USB bus registered, assigned bus number 2
[1.215845] ehci-pci 0000:00:1d.7: debug port 1
[1.219761] ehci-pci 0000:00:1d.7: cache line size of 64 is not supported
[1.219778] ehci-pci 0000:00:1d.7: irq 23, io mem 0xf3804c00
[1.225065] ehci-pci 0000:00:1d.7: USB 2.0 started, EHCI 1.00
[1.225117] usb usb2: New USB device found, idVendor=1d6b, idProduct=0002
[1.225121] usb usb2: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[1.225124] usb usb2: Product: EHCI Host Controller
[1.225127] usb usb2: Manufacturer: Linux 4.1.10-200.fc22.x86_64 ehci_hcd
[1.225131] usb usb2: SerialNumber: 0000:00:1d.7
[1.225350] hub 2-0:1.0: USB hub found
[1.225361] hub 2-0:1.0: 6 ports detected
[1.225603] ohci_hcd: USB 1.1 'Open' Host Controller (OHCI) Driver
[1.225611] ohci-pci: OHCI PCI platform driver
[1.225632] uhci_hcd: USB Universal Host Controller Interface driver
[1.225755] uhci_hcd 0000:00:1a.0: UHCI Host Controller
[1.225861] uhci_hcd 0000:00:1a.0: new USB bus registered, assigned bus number 3
[1.225869] uhci_hcd 0000:00:1a.0: detected 2 ports
[1.225901] uhci_hcd 0000:00:1a.0: irq 16, io base 0x00001820
[1.225961] usb usb3: New USB device found, idVendor=1d6b, idProduct=0001
[1.225965] usb usb3: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[1.225968] usb usb3: Product: UHCI Host Controller
[1.225971] usb usb3: Manufacturer: Linux 4.1.10-200.fc22.x86_64 uhci_hcd
[1.225974] usb usb3: SerialNumber: 0000:00:1a.0
[1.226180] hub 3-0:1.0: USB hub found
[1.226191] hub 3-0:1.0: 2 ports detected
[1.226429] uhci_hcd 0000:00:1a.1: UHCI Host Controller
[1.226516] uhci_hcd 0000:00:1a.1: new USB bus registered, assigned bus number 4
[1.226524] uhci_hcd 0000:00:1a.1: detected 2 ports
[1.226545] uhci_hcd 0000:00:1a.1: irq 16, io base 0x00001840
[1.226608] usb usb4: New USB device found, idVendor=1d6b, idProduct=0001
[1.226611] usb usb4: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[1.226615] usb usb4: Product: UHCI Host Controller
[1.226618] usb usb4: Manufacturer: Linux 4.1.10-200.fc22.x86_64 uhci_hcd
[1.226621] usb usb4: SerialNumber: 0000:00:1a.1
[1.226806] hub 4-0:1.0: USB hub found

[1.226817] hub 4-0:1.0: 2 ports detected
[1.227070] uhci_hcd 0000:00:1a.2: UHCI Host Controller
[1.227161] uhci_hcd 0000:00:1a.2: new USB bus registered, assigned bus number 5
[1.227169] uhci_hcd 0000:00:1a.2: detected 2 ports
[1.227190] uhci_hcd 0000:00:1a.2: irq 19, io base 0x00001860
[1.227250] usb usb5: New USB device found, idVendor=1d6b, idProduct=0001
[1.227254] usb usb5: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[1.227258] usb usb5: Product: UHCI Host Controller
[1.227261] usb usb5: Manufacturer: Linux 4.1.10-200.fc22.x86_64 uhci_hcd
[1.227264] usb usb5: SerialNumber: 0000:00:1a.2
[1.227450] hub 5-0:1.0: USB hub found
[1.227460] hub 5-0:1.0: 2 ports detected
[1.227697] uhci_hcd 0000:00:1d.0: UHCI Host Controller
[1.227785] uhci_hcd 0000:00:1d.0: new USB bus registered, assigned bus number 6
[1.227794] uhci_hcd 0000:00:1d.0: detected 2 ports
[1.227814] uhci_hcd 0000:00:1d.0: irq 23, io base 0x00001880
[1.227873] usb usb6: New USB device found, idVendor=1d6b, idProduct=0001
[1.227877] usb usb6: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[1.227880] usb usb6: Product: UHCI Host Controller
[1.227883] usb usb6: Manufacturer: Linux 4.1.10-200.fc22.x86_64 uhci_hcd
[1.227886] usb usb6: SerialNumber: 0000:00:1d.0
[1.228071] hub 6-0:1.0: USB hub found
[1.228081] hub 6-0:1.0: 2 ports detected
[1.228329] uhci_hcd 0000:00:1d.1: UHCI Host Controller
[1.228420] uhci_hcd 0000:00:1d.1: new USB bus registered, assigned bus number 7
[1.228428] uhci_hcd 0000:00:1d.1: detected 2 ports
[1.228449] uhci_hcd 0000:00:1d.1: irq 19, io base 0x000018a0
[1.228513] usb usb7: New USB device found, idVendor=1d6b, idProduct=0001
[1.228517] usb usb7: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[1.228520] usb usb7: Product: UHCI Host Controller
[1.228523] usb usb7: Manufacturer: Linux 4.1.10-200.fc22.x86_64 uhci_hcd
[1.228526] usb usb7: SerialNumber: 0000:00:1d.1
[1.228701] hub 7-0:1.0: USB hub found
[1.228711] hub 7-0:1.0: 2 ports detected
[1.228964] uhci_hcd 0000:00:1d.2: UHCI Host Controller
[1.229056] uhci_hcd 0000:00:1d.2: new USB bus registered, assigned bus number 8
[1.229064] uhci_hcd 0000:00:1d.2: detected 2 ports
[1.229095] uhci_hcd 0000:00:1d.2: irq 18, io base 0x000018c0
[1.229160] usb usb8: New USB device found, idVendor=1d6b, idProduct=0001
[1.229164] usb usb8: New USB device strings: Mfr=3, Product=2, SerialNumber=1
[1.229167] usb usb8: Product: UHCI Host Controller
[1.229170] usb usb8: Manufacturer: Linux 4.1.10-200.fc22.x86_64 uhci_hcd
[1.229173] usb usb8: SerialNumber: 0000:00:1d.2
[1.229342] hub 8-0:1.0: USB hub found
[1.229353] hub 8-0:1.0: 2 ports detected
[1.229569] usbcore: registered new interface driver usbserial
[1.229584] usbcore: registered new interface driver usbserial_generic
[1.229596] usbserial: USB Serial support registered for generic
[1.229657] i8042: PNP: PS/2 Controller [PNP0303:PS2K,PNP0f13:PS2M] at 0x60,0x64 irq 1,12

[1.246943] i8042: Detected active multiplexing controller, rev 1.1
[1.247584] serio: i8042 KBD port at 0x60,0x64 irq 1
[1.247591] serio: i8042 AUX0 port at 0x60,0x64 irq 12
[1.247642] serio: i8042 AUX1 port at 0x60,0x64 irq 12
[1.247679] serio: i8042 AUX2 port at 0x60,0x64 irq 12
[1.247719] serio: i8042 AUX3 port at 0x60,0x64 irq 12
[1.247892] mousedev: PS/2 mouse device common for all mice
[1.248439] rtc_cmos 00:02: RTC can wake from S4
[1.248608] rtc_cmos 00:02: rtc core: registered rtc_cmos as rtc0
[1.248637] rtc_cmos 00:02: alarms up to one month, y3k, 242 bytes nvram, hpet irqs
[1.248730] device-mapper: uevent: version 1.0.3
[1.248854] device-mapper: ioctl: 4.31.0-ioclt (2015-3-12) initialised: dm-devel@redhat.com
[1.249439] hidraw: raw HID events driver (C) Jiri Kosina
[1.249507] usbcore: registered new interface driver usbhid
[1.249509] usbhid: USB HID core driver
[1.249587] drop_monitor: Initializing network drop monitor service
[1.249669] ip_tables: (C) 2000-2006 Netfilter Core Team
[1.249759] Initializing XFRM netlink socket
[1.249934] NET: Registered protocol family 10
[1.250242] mip6: Mobile IPv6
[1.250248] NET: Registered protocol family 17
[1.250848] Loading compiled-in X.509 certificates
[1.252342] Loaded X.509 cert 'Fedora kernel signing key:
b905f88b4ae05199161330cd9a66d0ba2cb08c9a'
[1.252364] registered taskstats version 1
[1.253011] Magic number: 7:26:721
[1.253158] rtc_cmos 00:02: setting system clock to 2015-11-09 06:44:43 UTC (1447051483)
[1.253254] PM: Hibernation image not present or could not be loaded.
[1.308836] input: AT Translated Set 2 keyboard as /devices/platform/i8042/serio0/input/input4
[1.509127] ata1: SATA link up 3.0 Gbps (SStatus 123 SControl 300)
[1.511100] ata1.00: ATA-8: ST9320423AS, 0002SDM1, max UDMA/133
[1.511104] ata1.00: 625142448 sectors, multi 16: LBA48 NCQ (depth 31/32)
[1.513505] ata1.00: configured for UDMA/133
[1.513695] scsi 0:0:0:0: Direct-Access ATA ST9320423AS SDM1 PQ: 0 ANSI: 5
[1.513954] sd 0:0:0:0: [sda] 625142448 512-byte logical blocks: (320 GB/298 GiB)
[1.514018] sd 0:0:0:0: Attached scsi generic sg0 type 0
[1.514029] sd 0:0:0:0: [sda] Write Protect is off
[1.514033] sd 0:0:0:0: [sda] Mode Sense: 00 3a 00 00
[1.514057] sd 0:0:0:0: [sda] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA
[1.517061] usb 1-2: new high-speed USB device number 2 using ehci-pci
[1.522420] sda: sda1 sda2
[1.522770] sd 0:0:0:0: [sda] Attached SCSI disk
[1.673042] usb 1-2: New USB device found, idVendor=0c45, idProduct=6310
[1.673047] usb 1-2: New USB device strings: Mfr=2, Product=1, SerialNumber=3
[1.673050] usb 1-2: Product: USB 2.0 Camera
[1.673053] usb 1-2: Manufacturer: Sonix Technology Co., Ltd.
[1.673056] usb 1-2: SerialNumber: SN0001
[1.819058] ata2: SATA link down (SStatus 0 SControl 300)
[1.949087] usb 5-1: new full-speed USB device number 2 using uhci_hcd

[2.115114] usb 5-1: New USB device found, idVendor=0a12, idProduct=0001
[2.115118] usb 5-1: New USB device strings: Mfr=0, Product=0, SerialNumber=0
[2.124050] ata5: SATA link up 1.5 Gbps (SStatus 113 SControl 300)
[2.136764] ata5.00: ATAPI: Optiarc DVD RW AD-7560S, SX03, max UDMA/100
[2.150394] ata5.00: configured for UDMA/100
[2.151846] scsi 4:0:0:0: CD-ROM Optiarc DVD RW AD-7560S SX03 PQ: 0 ANSI: 5
[2.153056] clocksource tsc: mask: 0xffffffffffffffff max_cycles: 0x398438e7d96, max_idle_ns:
881590782041 ns
[2.176389] sr 4:0:0:0: [sr0] scsi3-mmc drive: 24x/24x writer dvd-ram cd/rw xa/form2 cdda tray
[2.176393] cdrom: Uniform CD-ROM driver Revision: 3.20
[2.176578] sr 4:0:0:0: Attached scsi CD-ROM sr0
[2.176683] sr 4:0:0:0: Attached scsi generic sg1 type 5
[2.481078] ata6: SATA link down (SStatus 0 SControl 300)
[2.481758] Freeing unused kernel memory: 1516K (ffff81d38000 - fffff81eb3000)
[2.481760] Write protecting the kernel read-only data: 12288k
[2.482205] Freeing unused kernel memory: 348K (ffff8800017a9000 - ffff880001800000)
[2.482612] Freeing unused kernel memory: 828K (ffff880001b31000 - ffff880001c00000)
[2.485774] random: systemd urandom read with 21 bits of entropy available
[2.486972] systemd[1]: systemd 219 running in system mode. (+PAM +AUDIT +SELINUX +IMA
-APPARMOR +SMACK +SYSVINIT +UTMP +LIBCRYPTSETUP +GCRYPT +GNUTLS +ACL
+XZ -LZ4 +SECCOMP +BLKID +ELFUTILS +KMOD +IDN)
[2.487262] systemd[1]: Detected architecture x86-64.
[2.487267] systemd[1]: Running in initial RAM disk.
[2.487304] systemd[1]: Set hostname to <localhost.localdomain>.
[2.536861] systemd[1]: Reached target Local File Systems.
[2.536879] systemd[1]: Starting Local File Systems.
[2.537282] systemd[1]: Created slice -.slice.
[2.537298] systemd[1]: Starting -.slice.
[2.537404] systemd[1]: Created slice System Slice.
[2.537420] systemd[1]: Starting System Slice.
[2.537541] systemd[1]: Listening on Journal Audit Socket.
[2.537555] systemd[1]: Starting Journal Audit Socket.
[2.537625] systemd[1]: Listening on Journal Socket.
[2.537640] systemd[1]: Starting Journal Socket.
[2.538392] systemd[1]: Starting Create list of required static device nodes for the current kernel...
[2.538425] systemd[1]: Reached target Timers.
[2.538445] systemd[1]: Starting Timers.
[2.538474] systemd[1]: Reached target Swap.
[2.538486] systemd[1]: Starting Swap.
[2.538556] systemd[1]: Listening on Journal Socket (/dev/log).
[2.538569] systemd[1]: Starting Journal Socket (/dev/log).
[2.539341] systemd[1]: Starting Journal Service...
[2.540099] systemd[1]: Starting Setup Virtual Console...
[2.540294] systemd[1]: Started Load Kernel Modules.
[2.541101] systemd[1]: Starting Apply Kernel Variables...
[2.541177] systemd[1]: Listening on udev Kernel Socket.
[2.541197] systemd[1]: Starting udev Kernel Socket.
[2.541231] systemd[1]: Reached target Slices.
[2.541249] systemd[1]: Starting Slices.

[2.541316] systemd[1]: Started dracut ask for additional cmdline parameters.
[2.542212] systemd[1]: Starting dracut cmdline hook...
[2.542299] systemd[1]: Listening on udev Control Socket.
[2.542320] systemd[1]: Starting udev Control Socket.
[2.542353] systemd[1]: Reached target Sockets.
[2.542367] systemd[1]: Starting Sockets.
[2.543111] systemd[1]: Started Create list of required static device nodes for the current kernel.
[2.561959] systemd[1]: Starting Create Static Device Nodes in /dev...
[2.562600] systemd[1]: Started Apply Kernel Variables.
[2.562665] audit: type=1130 audit(1447051484.807:2): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=kernel msg='unit=systemd-sysctl comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[2.562950] systemd[1]: Started Create Static Device Nodes in /dev.
[2.562982] audit: type=1130 audit(1447051484.807:3): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=kernel msg='unit=systemd-tmpfiles-setup-dev comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[2.583993] systemd[1]: Started Journal Service.
[2.584082] audit: type=1130 audit(1447051484.829:4): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=kernel msg='unit=systemd-journald comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[2.693195] audit: type=1130 audit(1447051484.938:5): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=kernel msg='unit=systemd-vconsole-setup comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[2.706587] audit: type=1130 audit(1447051484.951:6): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=kernel msg='unit=dracut-cmdline comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[2.752274] audit: type=1130 audit(1447051484.997:7): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=kernel msg='unit=dracut-pre-udev comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[2.758204] audit: type=1130 audit(1447051485.003:8): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=kernel msg='unit=systemd-udevd comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[2.766462] input: AlpsPS/2 ALPS GlidePoint as /devices/platform/i8042/serio4/input/input12
[2.791382] audit: type=1130 audit(1447051485.036:9): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=kernel msg='unit=systemd-udev-trigger comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[2.836775] [drm] Initialized drm 1.1.0 20060810
[2.841485] r8169 Gigabit Ethernet driver 2.3LK-NAPI loaded
[2.841499] r8169 0000:05:00.0: can't disable ASPM; OS doesn't have ASPM control
[2.842348] r8169 0000:05:00.0 eth0: RTL8168d/8111d at 0xffffc90000642000, 00:14:0b:66:65:04,
XID 081000c0 IRQ 29
[2.842355] r8169 0000:05:00.0 eth0: jumbo features [frames: 9200 bytes, tx checksumming: ko]
[2.862470] wmi: Mapper loaded
[2.869228] r8169 0000:05:00.0 p5p1: renamed from eth0
[2.951140] [drm] Memory usable by graphics device = 2048M
[2.951145] [drm] Replacing VGA console driver
[2.952663] Console: switching to colour dummy device 80x25
[2.952685] ACPI Warning: _SB_.PCI0.GFX0._DSM: Argument #4 type mismatch - Found
[Buffer], ACPI requires [Package] (20150410/nsarguments-95)

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[ 2.952770] ACPI: \_SB_.PCI0.GFX0: failed to evaluate _DSM
[ 2.952865] nouveau 0000:01:00.0: enabling device (0004 -> 0007)
[ 2.959156] [drm] Supports vblank timestamp caching Rev 2 (21.10.2013).
[ 2.959159] [drm] Driver supports precise vblank timestamp query.
[ 2.959309] vgaarb: device changed decodes:
PCI:0000:00:02.0,olddecodes=io+mem,decodes=none:owns=io+mem
[ 2.984109] ACPI: Video Device [PEGP] (multi-head: yes rom: yes post: no)
[ 2.984148] [Firmware Bug]: ACPI: No _BQC method, cannot determine initial brightness
[ 2.984537] acpi device:02: registered as cooling_device4
[ 2.984628] input: Video Bus as
/devices/LNXSYSTM:00/LNXXSYBUS:00/PNP0A08:00/device:00/LNXVIDEO:00/input/input13
[ 2.985709] ACPI: Video Device [GFX0] (multi-head: yes rom: no post: no)
[ 2.986430] acpi device:05: registered as cooling_device5
[ 2.986651] input: Video Bus as
/devices/LNXSYSTM:00/LNXXSYBUS:00/PNP0A08:00/LNXVIDEO:01/input/input14
[ 2.986735] [drm] Initialized i915 1.6.0 20150327 for 0000:00:02.0 on minor 0
[ 2.987207] nouveau [ DEVICE][0000:01:00.0] BOOT0 : 0x096900c1
[ 2.987211] nouveau [ DEVICE][0000:01:00.0] Chipset: G96 (NV96)
[ 2.987213] nouveau [ DEVICE][0000:01:00.0] Family : NV50
[ 2.994620] fbcon: inteldrmfb (fb0) is primary device
[ 3.318264] nouveau [ VBIOS][0000:01:00.0] using image from ACPI
[ 3.318445] nouveau [ VBIOS][0000:01:00.0] BIT signature found
[ 3.318449] nouveau [ VBIOS][0000:01:00.0] version 62.94.7f.00.04
[ 3.319082] nouveau [ DEVINIT][0000:01:00.0] adaptor not initialised
[ 3.319094] nouveau [ VBIOS][0000:01:00.0] running init tables
[ 3.431278] nouveau [ PMC][0000:01:00.0] MSI interrupts enabled
[ 3.431367] nouveau [ PFB][0000:01:00.0] RAM type: GDDR3
[ 3.431369] nouveau [ PFB][0000:01:00.0] RAM size: 512 MiB
[ 3.431371] nouveau [ PFB][0000:01:00.0] ZCOMP: 2048 tags
[ 3.433177] nouveau [ VOLT][0000:01:00.0] GPU voltage: 900000uv
[ 3.471701] nouveau [ P THERM][0000:01:00.0] FAN control: none / external
[ 3.471723] nouveau [ P THERM][0000:01:00.0] fan management: automatic
[ 3.471736] nouveau [ P THERM][0000:01:00.0] internal sensor: yes
[ 3.491774] nouveau [ CLK][0000:01:00.0] 03: core 169 MHz shader 338 MHz memory 100 MHz
[ 3.491779] nouveau [ CLK][0000:01:00.0] 05: core 275 MHz shader 550 MHz memory 300 MHz
[ 3.491783] nouveau [ CLK][0000:01:00.0] 07: core 400 MHz shader 800 MHz memory 300 MHz
[ 3.491787] nouveau [ CLK][0000:01:00.0] 0f: core 600 MHz shader 1500 MHz memory 800
MHz
[ 3.491873] nouveau [ CLK][0000:01:00.0] --: core 275 MHz shader 550 MHz memory 300 MHz
[ 3.492590] [TTM] Zone kernel: Available graphics memory: 2003854 kiB
[ 3.492591] [TTM] Initializing pool allocator
[ 3.492599] [TTM] Initializing DMA pool allocator
[ 3.492616] nouveau [ DRM] VRAM: 512 MiB
[ 3.492618] nouveau [ DRM] GART: 1048576 MiB
[ 3.492622] nouveau [ DRM] TMDS table version 2.0
[ 3.492624] nouveau [ DRM] DCB version 4.0
[ 3.492626] nouveau [ DRM] DCB outp 00: 01000323 00010034
[ 3.492629] nouveau [ DRM] DCB outp 01: 02011300 00000028
[ 3.492631] nouveau [ DRM] DCB outp 02: 02032342 00020010

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[ 3.492633] nouveau [   DRM] DCB conn 00: 00000040
[ 3.492635] nouveau [   DRM] DCB conn 01: 00000100
[ 3.492637] nouveau [   DRM] DCB conn 02: 00001261
[ 3.510456] [drm] Supports vblank timestamp caching Rev 2 (21.10.2013).
[ 3.510457] [drm] Driver supports precise vblank timestamp query.
[ 3.529047] nouveau [   DRM] MM: using CRYPT for buffer copies
[ 3.543662] nouveau 0000:01:00.0: No connectors reported connected with modes
[ 3.543665] [drm] Cannot find any crtc or sizes - going 1024x768
[ 3.552532] nouveau [   DRM] allocated 1024x768 fb: 0x70000, bo ffff8801395f4000
[ 3.713384] Console: switching to colour frame buffer device 180x56
[ 3.717955] i915 0000:00:02.0: fb0: inteldrmfb frame buffer device
[ 3.717957] i915 0000:00:02.0: registered panic notifier
[ 3.722688] nouveau 0000:01:00.0: fb1: nouveaufb frame buffer device
[ 3.722699] nouveau 0000:01:00.0: registered panic notifier
[ 3.733161] [drm] Initialized nouveau 1.2.2 20120801 for 0000:01:00.0 on minor 1
[ 3.885429] audit: type=1130 audit(1447051486.130:10): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=kernel msg='unit=plymouth-start comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[ 4.053638] random: nonblocking pool is initialized
[ 4.484265] EXT4-fs (dm-1): mounted filesystem with ordered data mode. Opts: (null)
[ 5.029293] systemd-journald[123]: Received SIGTERM from PID 1 (systemd).
[ 6.662704] audit_printk_skb: 84 callbacks suppressed
[ 6.662709] audit: type=1404 audit(1447051488.908:39): enforcing=1 old_enforcing=0
auid=4294967295 ses=4294967295
[ 6.812930] SELinux: 32768 avtab hash slots, 106843 rules.
[ 6.832194] SELinux: 32768 avtab hash slots, 106843 rules.
[ 6.859518] SELinux: 8 users, 105 roles, 4979 types, 303 bools, 1 sens, 1024 cats
[ 6.859523] SELinux: 92 classes, 106843 rules
[ 6.864774] SELinux: Completing initialization.
[ 6.864779] SELinux: Setting up existing superblocks.
[ 6.874547] audit: type=1403 audit(1447051489.119:40): policy loaded auid=4294967295
ses=4294967295
[ 6.900097] systemd[1]: Successfully loaded SELinux policy in 241.429ms.
[ 7.086906] systemd[1]: Relabelled /dev and /run in 22.999ms.
[ 9.364873] audit: type=1130 audit(1447051491.609:41): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=systemd-journald comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[ 9.364910] audit: type=1131 audit(1447051491.609:42): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=systemd-journald comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[ 9.365660] audit: type=1130 audit(1447051491.610:43): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=initrd-switch-root comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[ 9.365687] audit: type=1131 audit(1447051491.610:44): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=initrd-switch-root comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[ 9.506748] audit: type=1130 audit(1447051491.751:45): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=systemd-journald comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'

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[9.506783] audit: type=1131 audit(1447051491.751:46): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=systemd-journald comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[9.903374] audit: type=1130 audit(1447051492.148:47): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=kmod-static-nodes comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[9.918386] audit: type=1305 audit(1447051492.163:48): audit_enabled=1 old=1 auid=4294967295
ses=4294967295 subj=system_u:system_r:syslogd_t:s0 res=1
[10.059367] EXT4-fs (dm-1): re-mounted. Opts: (null)
[11.910994] audit_printk_skb: 21 callbacks suppressed
[11.910999] audit: type=1130 audit(1447051494.156:56): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=systemd-random-seed comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[12.346191] audit: type=1130 audit(1447051494.592:57): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=systemd-tmpfiles-setup-dev
comm="systemd" exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[14.097573] audit: type=1130 audit(1447051496.343:58): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=systemd-udev comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[14.621625] shpchp: Standard Hot Plug PCI Controller Driver version: 0.4
[15.022090] audit: type=1130 audit(1447051497.268:59): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=systemd-
backlight@backlight:acpi_video1 comm="systemd" exe="/usr/lib/systemd/systemd" hostname=?
addr=? terminal=? res=success'
[15.022582] audit: type=1130 audit(1447051497.268:60): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=systemd-
backlight@backlight:acpi_video0 comm="systemd" exe="/usr/lib/systemd/systemd" hostname=?
addr=? terminal=? res=success'
[15.057230] ACPI Warning: SystemIO range 0x00000000000001C00-0x00000000000001C1F conflicts
with OpRegion 0x00000000000001C00-0x00000000000001C0F (_SB_.PCI0.SBUS.SMBI)
(20150410/utaddress-254)
[15.057239] ACPI: If an ACPI driver is available for this device, you should use it instead of the
native driver
[15.471044] ACPI Warning: SystemIO range 0x00000000000000428-0x0000000000000042F conflicts
with OpRegion 0x00000000000000400-0x0000000000000047F (\PMIO) (20150410/utaddress-254)
[15.471053] ACPI: If an ACPI driver is available for this device, you should use it instead of the
native driver
[15.471058] ACPI Warning: SystemIO range 0x000000000000011B0-0x000000000000011BF conflicts
with OpRegion 0x00000000000001180-0x000000000000011BB (\GPIO) (20150410/utaddress-254)
[15.471062] ACPI: If an ACPI driver is available for this device, you should use it instead of the
native driver
[15.471064] ACPI Warning: SystemIO range 0x00000000000001180-0x000000000000011AF conflicts
with OpRegion 0x00000000000001180-0x000000000000011BB (\GPIO) (20150410/utaddress-254)
[15.471069] ACPI: If an ACPI driver is available for this device, you should use it instead of the
native driver
[15.471070] lpc_ich: Resource conflict(s) found affecting gpio_ich
[15.904384] cfg80211: Calling CRDA to update world regulatory domain
[15.938101] Bluetooth: Core ver 2.20
[15.938126] NET: Registered protocol family 31

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[ 15.938128] Bluetooth: HCI device and connection manager initialized
[ 15.938133] Bluetooth: HCI socket layer initialized
[ 15.938137] Bluetooth: L2CAP socket layer initialized
[ 15.938146] Bluetooth: SCO socket layer initialized
[ 16.158336] iTCO_vendor_support: vendor-support=0
[ 16.173252] iTCO_wdt: Intel TCO WatchDog Timer Driver v1.11
[ 16.173301] iTCO_wdt: Found a ICH9M TCO device (Version=2, TCOBASE=0x0460)
[ 16.173685] iTCO_wdt: initialized. heartbeat=30 sec (nowayout=0)
[ 16.269400] media: Linux media interface: v0.10
[ 16.517062] snd_hda_codec_realtek hdaudioC0D0: autoconfig for ALC888: line_outs=1
(0x14/0x0/0x0/0x0/0x0) type:speaker
[ 16.517067] snd_hda_codec_realtek hdaudioC0D0: speaker_outs=0 (0x0/0x0/0x0/0x0/0x0)
[ 16.517070] snd_hda_codec_realtek hdaudioC0D0: hp_outs=1 (0x1b/0x0/0x0/0x0/0x0)
[ 16.517073] snd_hda_codec_realtek hdaudioC0D0: mono: mono_out=0x0
[ 16.517076] snd_hda_codec_realtek hdaudioC0D0: dig-out=0x11/0x1e
[ 16.517078] snd_hda_codec_realtek hdaudioC0D0: inputs:
[ 16.517082] snd_hda_codec_realtek hdaudioC0D0: Mic=0x18
[ 16.517084] snd_hda_codec_realtek hdaudioC0D0: Internal Mic=0x12
[ 16.517087] snd_hda_codec_realtek hdaudioC0D0: Line=0x1a
[ 16.531581] input: HDA Intel Mic as /devices/pci0000:00/0000:00:1b.0/sound/card0/input15
[ 16.531732] input: HDA Intel Line as /devices/pci0000:00/0000:00:1b.0/sound/card0/input16
[ 16.531838] input: HDA Intel Headphone as /devices/pci0000:00/0000:00:1b.0/sound/card0/input17
[ 16.607503] Adding 4079612k swap on /dev/mapper/fedora-swap. Priority:-1 extents:1
across:4079612k FS
[ 16.677387] Linux video capture interface: v2.00
[ 16.713846] usbcore: registered new interface driver btusb
[ 16.854450] uvcvideo: Found UVC 1.00 device USB 2.0 Camera (0c45:6310)
[ 16.977732] input: USB 2.0 Camera as /devices/pci0000:00/0000:00:1a.7/usb1/1-2/1-
2:1.0/input/input18
[ 16.977871] usbcore: registered new interface driver uvcvideo
[ 16.977873] USB Video Class driver (1.1.1)
[ 17.060441] cfg80211: World regulatory domain updated:
[ 17.060446] cfg80211: DFS Master region: unset
[ 17.060448] cfg80211: (start_freq - end_freq @ bandwidth), (max_antenna_gain, max_eirp),
(dfs_cac_time)
[ 17.060452] cfg80211: (2402000 KHz - 2472000 KHz @ 40000 KHz), (N/A, 2000 mBm), (N/A)
[ 17.060454] cfg80211: (2457000 KHz - 2482000 KHz @ 40000 KHz), (N/A, 2000 mBm), (N/A)
[ 17.060457] cfg80211: (2474000 KHz - 2494000 KHz @ 20000 KHz), (N/A, 2000 mBm), (N/A)
[ 17.060460] cfg80211: (5170000 KHz - 5250000 KHz @ 80000 KHz, 160000 KHz AUTO), (N/A,
2000 mBm), (N/A)
[ 17.060463] cfg80211: (5250000 KHz - 5330000 KHz @ 80000 KHz, 160000 KHz AUTO), (N/A,
2000 mBm), (0 s)
[ 17.060466] cfg80211: (5490000 KHz - 5730000 KHz @ 160000 KHz), (N/A, 2000 mBm), (0 s)
[ 17.060468] cfg80211: (5735000 KHz - 5835000 KHz @ 80000 KHz), (N/A, 2000 mBm), (N/A)
[ 17.060471] cfg80211: (57240000 KHz - 63720000 KHz @ 2160000 KHz), (N/A, 0 mBm), (N/A)
[ 17.238618] audit: type=1130 audit(1447051499.484:61): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=systemd-rfkill@rfkill0
comm="systemd" exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[ 17.319509] ath9k 0000:04:00.0: enabling device (0000 -> 0002)

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[ 17.751356] ath: EEPROM regdomain: 0x60
[ 17.751359] ath: EEPROM indicates we should expect a direct regpair map
[ 17.751362] ath: Country alpha2 being used: 00
[ 17.751363] ath: Regpair used: 0x60
[ 17.811630] ieee80211 phy0: Selected rate control algorithm 'minstrel_ht'
[ 17.812138] ieee80211 phy0: Atheros AR9280 Rev:2 mem=0xffffc90000960000, irq=17
[ 17.846630] ath9k 0000:04:00.0 wlp4s0: renamed from wlan0
[ 18.467628] cfg80211: Calling CRDA for country: NL
[ 18.471747] cfg80211: Regulatory domain changed to country: NL
[ 18.471752] cfg80211: DFS Master region: ETSI
[ 18.471754] cfg80211: (start_freq - end_freq @ bandwidth), (max_antenna_gain, max_eirp),
(dfs_cac_time)
[ 18.471757] cfg80211: (2402000 KHz - 2482000 KHz @ 40000 KHz), (N/A, 2000 mBm), (N/A)
[ 18.471760] cfg80211: (5170000 KHz - 5250000 KHz @ 80000 KHz, 160000 KHz AUTO), (N/A,
2000 mBm), (N/A)
[ 18.471764] cfg80211: (5250000 KHz - 5330000 KHz @ 80000 KHz, 160000 KHz AUTO), (N/A,
2000 mBm), (0 s)
[ 18.471766] cfg80211: (5490000 KHz - 5710000 KHz @ 160000 KHz), (N/A, 2700 mBm), (0 s)
[ 18.471769] cfg80211: (57000000 KHz - 66000000 KHz @ 2160000 KHz), (N/A, 4000 mBm),
(N/A)
[ 18.492540] audit: type=1130 audit(1447051500.738:62): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=systemd-rfkill@rfkill1
comm="systemd" exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[ 19.428765] audit: type=1130 audit(1447051501.674:63): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=lvmm2-pvscan@8:2 comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[ 20.803838] audit: type=1130 audit(1447051503.049:64): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=systemd-fsck@dev-mapper-
fedora\x2dhome comm="systemd" exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=?
res=success'
[ 21.121542] audit: type=1130 audit(1447051503.367:65): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=systemd-fsck@dev-disk-by\x2duuid-
eb283d1f\x2d6ff6\x2d4f24\x2d89ec\x2d009e570d619f comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[ 21.295824] EXT4-fs (dm-2): mounted filesystem with ordered data mode. Opts: (null)
[ 21.368299] EXT4-fs (sda1): mounted filesystem with ordered data mode. Opts: (null)
[ 21.498876] audit: type=1130 audit(1447051503.744:66): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=plymouth-read-write comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[ 21.498909] audit: type=1131 audit(1447051503.744:67): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=plymouth-read-write comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[ 21.529703] audit: type=1130 audit(1447051503.775:68): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=dracut-shutdown comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[ 22.263562] audit: type=1130 audit(1447051504.509:69): pid=1 uid=0 auid=4294967295
ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=fedora-import-state comm="systemd"
exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'
[ 26.559813] audit: type=1130 audit(1447051508.805:70): pid=1 uid=0 auid=4294967295
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ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=systemd-journald comm="systemd" exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'

[26.838484] systemd-journald[495]: Received request to flush runtime journal from PID 1

[30.421714] audit: type=1130 audit(1447051512.667:71): pid=1 uid=0 auid=4294967295 ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=systemd-journal-flush comm="systemd" exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'

[31.151544] audit: type=1130 audit(1447051513.397:72): pid=1 uid=0 auid=4294967295 ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=systemd-tmpfiles-setup comm="systemd" exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'

[31.288240] audit: type=1305 audit(1447051513.534:73): audit_backlog_limit=320 old=64 auid=4294967295 ses=4294967295 subj=system_u:system_r:auditctl_t:s0 res=1

[31.290725] audit: type=1130 audit(1447051513.536:74): pid=1 uid=0 auid=4294967295 ses=4294967295 subj=system_u:system_r:init_t:s0 msg='unit=auditd comm="systemd" exe="/usr/lib/systemd/systemd" hostname=? addr=? terminal=? res=success'

[31.478869] audit: type=1305 audit(1447051513.724:75): audit_enabled=1 old=1 auid=4294967295 ses=4294967295 subj=system_u:system_r:auditd_t:s0 res=1

[31.478891] audit: type=1305 audit(1447051513.724:76): audit_pid=679 old=0 auid=4294967295 ses=4294967295 subj=system_u:system_r:auditd_t:s0 res=1

[35.115074] Bluetooth: BNEP (Ethernet Emulation) ver 1.3

[35.115078] Bluetooth: BNEP filters: protocol multicast

[35.115085] Bluetooth: BNEP socket layer initialized

[46.643724] nf_conntrack version 0.5.0 (16384 buckets, 65536 max)

[46.713679] ip6_tables: (C) 2000-2006 Netfilter Core Team

[47.290138] Ebtables v2.0 registered

[47.813932] bridge: automatic filtering via arp/ip/ip6tables has been deprecated. Update your scripts to load br_netfilter if you need this.

[59.234460] IPv6: ADDRCONF(NETDEV_UP): p5p1: link is not ready

[59.391381] r8169 0000:05:00.0 p5p1: link down

[59.391451] IPv6: ADDRCONF(NETDEV_UP): p5p1: link is not ready

[59.394454] IPv6: ADDRCONF(NETDEV_UP): wlp4s0: link is not ready

[59.409052] IPv6: ADDRCONF(NETDEV_UP): wlp4s0: link is not ready

[59.853726] IPv6: ADDRCONF(NETDEV_UP): wlp4s0: link is not ready

[60.430425] tun: Universal TUN/TAP device driver, 1.6

[60.430429] tun: (C) 1999-2004 Max Krasnyansky <maxk@qualcomm.com>

[60.482807] device virbr0-nic entered promiscuous mode

[61.154972] virbr0: port 1(virbr0-nic) entered listening state

[61.154989] virbr0: port 1(virbr0-nic) entered listening state

[62.077819] virbr0: port 1(virbr0-nic) entered disabled state

[62.078451] wlp4s0: authenticate with 82:b6:86:86:03:d8

[62.095469] wlp4s0: send auth to 82:b6:86:86:03:d8 (try 1/3)

[62.097203] wlp4s0: authenticated

[62.098055] wlp4s0: associate with 82:b6:86:86:03:d8 (try 1/3)

[62.102025] wlp4s0: RX AssocResp from 82:b6:86:86:03:d8 (capab=0x431 status=0 aid=3)

[62.102103] wlp4s0: associated

[62.102157] IPv6: ADDRCONF(NETDEV_CHANGE): wlp4s0: link becomes ready

[62.102204] cfg80211: Calling CRDA for country: CA

[62.111297] ath: EEPROM regdomain: 0x807c

[62.111302] ath: EEPROM indicates we should expect a country code

[62.111304] ath: doing EEPROM country->regdmn map search

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[ 62.111306] ath: country maps to regdmn code: 0x3a
[ 62.111308] ath: Country alpha2 being used: CA
[ 62.111309] ath: Regpair used: 0x3a
[ 62.111311] ath: regdomain 0x807c dynamically updated by country IE
[ 62.111344] cfg80211: Regulatory domain changed to country: CA
[ 62.111346] cfg80211: DFS Master region: FCC
[ 62.111348] cfg80211: (start_freq - end_freq @ bandwidth), (max_antenna_gain, max_eirp),
(dfs_cac_time)
[ 62.111351] cfg80211: (2402000 KHz - 2472000 KHz @ 40000 KHz), (N/A, 3000 mBm), (N/A)
[ 62.111354] cfg80211: (5170000 KHz - 5250000 KHz @ 80000 KHz, 160000 KHz AUTO), (N/A,
1700 mBm), (N/A)
[ 62.111357] cfg80211: (5250000 KHz - 5330000 KHz @ 80000 KHz, 160000 KHz AUTO), (N/A,
2400 mBm), (0 s)
[ 62.111360] cfg80211: (5490000 KHz - 5730000 KHz @ 160000 KHz), (N/A, 2400 mBm), (0 s)
[ 62.111363] cfg80211: (5735000 KHz - 5835000 KHz @ 80000 KHz), (N/A, 3000 mBm), (N/A)
[ 64.400985] IPv6: wlp4s0: IPv6 duplicate address fe80::225:d3ff:fe02:c16f detected!
[ 66.842018] fuse init (API version 7.23)
[ 70.199010] Adjusting hpet more than 11% (2611888142 vs 2601267907)
[ 73.673764] Bluetooth: RFCOMM TTY layer initialized
[ 73.673775] Bluetooth: RFCOMM socket layer initialized
[ 73.673853] Bluetooth: RFCOMM ver 1.11
[ 2006.007329] perf interrupt took too long (2504 > 2500), lowering
kernel.perf_event_max_sample_rate to 50000
[ 2332.452467] CE: hpet increased min_delta_ns to 20115 nsec
[ 4583.025821] psmouse serio4: GlidePoint at isa0060/serio4/input0 lost synchronization, throwing 3
bytes away.
[ 4583.559109] psmouse serio4: resync failed, issuing reconnect request
[root@localhost trudy]#
```