

Re: kern/132722: [ath] Wifi ath0 associates fine with AP, but DHCP or IP does not work

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Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/net/2009-03/msg00119.html>

- *From:* Matthias Apitz <guru@xxxxxxxxxxx>
 - *Date:* Tue, 17 Mar 2009 10:40:06 GMT
-

The following reply was made to PR kern/132722; it has been noted by GNATS.

From: Matthias Apitz <guru@xxxxxxxxxxx>
To: bug-followup@xxxxxxxxxxx
Cc: freebsd-net@xxxxxxxxxxx, Bruce Simpson <bms@xxxxxxxxxxxxxxxxxxx>
Subject: Re: kern/132722: [ath] Wifi ath0 associates fine with AP, but DHCP or IP does not work
Date: Tue, 17 Mar 2009 11:36:51 +0100

as requested the output of `dmesg(1)` and the `ath0` related part of '`pciconf -lv`'; pls note also that the Wifi works fine in general, i.e. with the AP in my office (WPA) and in my home (WEP);

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FreeBSD 7.1-STABLE #1: Tue Mar 10 11:42:48 CET 2009

guru@xxxxxxxxxxxxxxxxxxx:/usr/src/sys/i386/compile/REBELION

Timecounter "i8254" frequency 1193182 Hz quality 0

CPU: Intel(R) Celeron(R) M processor 900MHz (900.10-MHz 686-class CPU)

Origin = "GenuineIntel" Id = 0x6d8 Stepping = 8

Features=0xafe9fbff<FPU,VME,DE,PSE,TSC,MSR,PAE,MCE,CX8,APIC,SEP,MTRR,PGE,MCA,CMOV,PAT,CLFLUSH>

AMD Features=0x100000<NX>

real memory = 1064828928 (1015 MB)

avail memory = 1028284416 (980 MB)

ACPI APIC Table: <A M I OEMAPIC >

ioapic0 <Version 2.0> irqs 0-23 on motherboard

kbd1 at kbdmux0

acpi0: <A M I OEMRSDT> on motherboard

acpi0: [ITHREAD]

acpi0: Power Button (fixed)

acpi0: reservation of 0, a0000 (3) failed

acpi0: reservation of 100000, 3f700000 (3) failed

Timecounter "ACPI-safe" frequency 3579545 Hz quality 850

acpi_timer0: <24-bit timer at 3.579545MHz> port 0x808-0x80b on acpi0

acpi_ec0: <Embedded Controller: GPE 0x18> port 0x62,0x66 on acpi0

pcib0: <ACPI Host-PCI bridge> port 0xcf8-0xcff on acpi0

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pci0: <ACPI PCI bus> on pcib0
vgapci0: <VGA-compatible display> port 0xec00-0xec07 mem
0xf7f00000-0xf7f7ffff,0xd0000000-0xdfffffff,0xf7ec0000-0xf7efffff irq 16 at device 2.0 on pci0
agp0: <Intel 82915GM (915GM GMCH) SVGA controller> on vgapci0
agp0: detected 7932k stolen memory
agp0: aperture size is 256M
vgapci1: <VGA-compatible display> mem 0xf7f80000-0xf7ffffff at device 2.1 on pci0
hdac0: <Intel 82801F High Definition Audio Controller> mem 0xf7eb8000-0xf7ebffff irq 16 at device 27.0
on pci0
hdac0: HDA Driver Revision: 20090131_0127
hdac0: [ITHREAD]
pcib1: <ACPI PCI-PCI bridge> irq 16 at device 28.0 on pci0
pci3: <ACPI PCI bus> on pcib1
pcib2: <ACPI PCI-PCI bridge> irq 18 at device 28.2 on pci0
pci1: <ACPI PCI bus> on pcib2
ath0: <Atheros 5424/2424> mem 0xfbff0000-0xfbffffff irq 18 at device 0.0 on pci1
ath0: [ITHREAD]
ath0: WARNING: using obsoleted if_watchdog interface
ath0: Ethernet address: 00:15:af:b2:ae:e6
ath0: mac 14.2 phy 7.0 radio 10.2
uhci0: <Intel 82801FB/FR/FW/FRW (ICH6) USB controller USB-A> port 0xe400-0xe41f irq 23 at device
29.0 on pci0
uhci0: [GIANT-LOCKED]
uhci0: [ITHREAD]
usb0: <Intel 82801FB/FR/FW/FRW (ICH6) USB controller USB-A> on uhci0
usb0: USB revision 1.0
uhub0: <Intel UHCI root hub, class 9/0, rev 1.00/1.00, addr 1> on usb0
uhub0: 2 ports with 2 removable, self powered
uhci1: <Intel 82801FB/FR/FW/FRW (ICH6) USB controller USB-B> port 0xe480-0xe49f irq 19 at device
29.1 on pci0
uhci1: [GIANT-LOCKED]
uhci1: [ITHREAD]
usb1: <Intel 82801FB/FR/FW/FRW (ICH6) USB controller USB-B> on uhci1
usb1: USB revision 1.0
uhub1: <Intel UHCI root hub, class 9/0, rev 1.00/1.00, addr 1> on usb1
uhub1: 2 ports with 2 removable, self powered
uhci2: <Intel 82801FB/FR/FW/FRW (ICH6) USB controller USB-C> port 0xe800-0xe81f irq 18 at device
29.2 on pci0
uhci2: [GIANT-LOCKED]
uhci2: [ITHREAD]
usb2: <Intel 82801FB/FR/FW/FRW (ICH6) USB controller USB-C> on uhci2
usb2: USB revision 1.0
uhub2: <Intel UHCI root hub, class 9/0, rev 1.00/1.00, addr 1> on usb2
uhub2: 2 ports with 2 removable, self powered
uhci3: <Intel 82801FB/FR/FW/FRW (ICH6) USB controller USB-D> port 0xe880-0xe89f irq 16 at device
29.3 on pci0
uhci3: [GIANT-LOCKED]
uhci3: [ITHREAD]
usb3: <Intel 82801FB/FR/FW/FRW (ICH6) USB controller USB-D> on uhci3
usb3: USB revision 1.0
uhub3: <Intel UHCI root hub, class 9/0, rev 1.00/1.00, addr 1> on usb3
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uhub3: 2 ports with 2 removable, self powered
ehci0: <Intel 82801FB (ICH6) USB 2.0 controller> mem 0xf7eb7c00–0xf7eb7fff irq 23 at device 29.7 on pci0
ehci0: [GIANT–LOCKED]
ehci0: [ITHREAD]
usb4: EHCI version 1.0
usb4: companion controllers, 2 ports each: usb0 usb1 usb2 usb3
usb4: <Intel 82801FB (ICH6) USB 2.0 controller> on ehci0
usb4: USB revision 2.0
uhub4: <Intel EHCI root hub, class 9/0, rev 2.00/1.00, addr 1> on usb4
uhub4: 8 ports with 8 removable, self powered
umass0: <ENE UB6225, class 0/0, rev 2.00/1.00, addr 2> on uhub4
pcib3: <ACPI PCI–PCI bridge> at device 30.0 on pci0
pci4: <ACPI PCI bus> on pcib3
isab0: <PCI–ISA bridge> at device 31.0 on pci0
isa0: <ISA bus> on isab0
atapci0: <Intel ICH6M SATA150 controller> port 0x1f0–0x1f7,0x3f6,0x170–0x177,0x376,0xffa0–0xffaf at device 31.2 on pci0
ata0: <ATA channel 0> on atapci0
ata0: [ITHREAD]
ata1: <ATA channel 1> on atapci0
ata1: [ITHREAD]
pci0: <serial bus, SMBus> at device 31.3 (no driver attached)
acpi_asus0: <ASUS EeePC> on acpi0
acpi_lid0: <Control Method Lid Switch> on acpi0
acpi_button0: <Sleep Button> on acpi0
acpi_button1: <Power Button> on acpi0
acpi_tz0: <Thermal Zone> on acpi0
battery0: <ACPI Control Method Battery> on acpi0
acpi_acad0: <AC Adapter> on acpi0
atkbdc0: <Keyboard controller (i8042)> port 0x60,0x64 irq 1 on acpi0
atkbd0: <AT Keyboard> irq 1 on atkbdc0
kbd0 at atkbd0
atkbd0: [GIANT–LOCKED]
atkbd0: [ITHREAD]
psm0: <PS/2 Mouse> irq 12 on atkbdc0
psm0: [GIANT–LOCKED]
psm0: [ITHREAD]
psm0: model IntelliMouse, device ID 3
cpu0: <ACPI CPU> on acpi0
p4tcc0: <CPU Frequency Thermal Control> on cpu0
pmtimer0 on isa0
orm0: <ISA Option ROM> at iomem 0xc0000–0xcf7ff pnpid ORM0000 on isa0
ppc0: parallel port not found.
sc0: <System console> at flags 0x100 on isa0
sc0: VGA <16 virtual consoles, flags=0x300>
sio0: configured irq 4 not in bitmap of probed irqs 0
sio0: port may not be enabled
sio0: configured irq 4 not in bitmap of probed irqs 0
sio0: port may not be enabled
sio0 at port 0x3f8–0x3ff irq 4 flags 0x10 on isa0

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sio0: type 8250 or not responding
sio0: [FILTER]
sio1: configured irq 3 not in bitmap of probed irqs 0
sio1: port may not be enabled
vga0: <Generic ISA VGA> at port 0x3c0-0x3df iomem 0xa0000-0xbffff on isa0
Timecounter "TSC" frequency 900097206 Hz quality 800
Timecounters tick every 10.000 msec
ad2: FAILURE - SET_MULTI status=51<READY,DSC,ERROR> error=4<ABORTED>
ad2: 3847MB <ASUS-PHISON OB SSD TST2.04P> at ata1-master UDMA66
ad3: FAILURE - SET_MULTI status=51<READY,DSC,ERROR> error=4<ABORTED>
ad3: 15391MB <ASUS-PHISON SSD TST2.04P> at ata1-slave UDMA66
hdac0: HDA Codec #0: Realtek ALC662
pcm0: <HDA Realtek ALC662 PCM #0 Analog> at cad 0 nid 1 on hdac0
(probe0:umass-sim0:0:0:0): TEST UNIT READY. CDB: 0 0 0 0 0 0
(probe0:umass-sim0:0:0:0): CAM Status: SCSI Status Error
(probe0:umass-sim0:0:0:0): SCSI Status: Check Condition
(probe0:umass-sim0:0:0:0): NOT READY asc:3a,0
(probe0:umass-sim0:0:0:0): Medium not present
(probe0:umass-sim0:0:0:0): Unretryable error
da0 at umass-sim0 bus 0 target 0 lun 0
da0: <USB2.0 CardReader SD0 0100> Removable Direct Access SCSI-0 device
da0: 40.000MB/s transfers
da0: Attempt to query device size failed: NOT READY, Medium not present
Trying to mount root from ufs:/dev/ad2s1a
ath0: link state changed to UP

ath0@pci0:1:0:0: class=0x020000 card=0x10261a3b chip=0x001c168c rev=0x01 hdr=0x00
vendor = 'Atheros Communications Inc.'
device = 'AR5006 family 802.11abg Wireless NIC'
class = network
subclass = ethernet

matthias

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Re: kern/132722: [ath] Wifi ath0 associates fine with AP, but DHCP or IP does not work