

## Re: Need help with wireless config.

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  - *Date:* Thu, 06 Apr 2006 19:49:27 -0500
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Bob Goodwin wrote:

I am still struggling with this wireless connection. In most cases system-config-network does a reasonable job of setting up configuration for me but I'm not sure what it's doing for "wireless?" The adapter card is plugged into a PCI slot but it keeps calling it eth1 or eth2, it looks to me like it ought to be wlan0?

Wlassistant indicates it is having trouble with routing but I don't know what to enter there and there is no man page:

```
wlassistant
kbuildsycoca running...
Loaded application options.
DHCP Client: dhclient
All executables found.
iwconfig_status: /sbin/iwconfig
==>stderr: lo no wireless extensions.
```

```
eth0 no wireless extensions.
```

```
sit0 no wireless extensions.
```

```
Wireless interface(s): wlan0
Permissions checked.
ifconfig_status: /sbin/ifconfig wlan0
scan: /sbin/iwlist wlan0 scan
Networks found: 1
Checking for active connection.
Trying to get gateway address...
...from 'route'
No default gateway.
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Iwconfig provides the following:

```
iwconfig wlan0
wlan0 IEEE 802.11g ESSID:off/any Mode:Auto Frequency:2.412 GHz Access Point:
Not-Associated Bit Rate:54 Mb/s Tx-Power:20 dBm Sensitivity=-109 dBm RTS thr:2347 B
Fragment thr:2346 B Encryption key:off
Power Management:off
Link Quality:0 Signal level:0 Noise level:0
Rx invalid nwid:0 Rx invalid crypt:0 Rx invalid frag:0
Tx excessive retries:0 Invalid misc:0 Missed beacon:0
```

Route shows as follows:

```
route
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use Iface
10.1.1.0 * 255.255.255.0 U 0 0 0 eth0
169.254.0.0 * 255.255.0.0 U 0 0 0 eth0
default 10.1.1.254 0.0.0.0 UG 0 0 0 eth0
```

I think I should be able to browse to 192.168.1.1 and see the router set up screen from this computer via the Linksys WMP54G adapter card. Wlassistant indicates that I have a good quality signal on channel 6. But iwconfig shows zero signal? I guess if I could satisfy the routing requirement it would begin to work.

Can anyone tell me what to do next?

Bob Goodwin

I spent a lot of time trying to get my Linksys WPC54Gv2 CardBus adapter to work with ndiswrapper in FC5. It works like a champ in Ubuntu Breezy Badger without any special problems.

For FC5, one thing I found necessary was to download the WPC54Gv2 drivers from the ndiswrapper site – the ones on my CD would not work properly with the current ndiswrapper. I found it did not matter whether I used the FC5 ndiswrapper package or installed from the tarball.

I was only able to get it to work with no encryption. When I tried to use WEP encryption, the machine froze when I entered the key.

I gave up. I finally purchased a refurbished madwifi–supported Netgear WG511T CardBus adapter on e–bay for \$15.50 bid plus \$5.00 shipping. I uninstalled ndiswrapper, installed madwifi, did a lot of incantations – see a previous thread titled "Unable to get Atheros based drivers working" – and eventually got the card configured properly and it is working great now.

I was also given an Avaya 802.11b card (11Mbps) which just works when I plug it in and do a simple config in system–network–config –t has native Linux support. It was recognized on boot, designated eth1, and when I set it up and activated it using my WEP configuration, it worked immediately.

Both cards now work whenever I plug them in and use them.

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Gerry

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