

## Re: wireless configuration problem

**Source:** <http://linux.derkeiler.com/Newsgroups/alt.os.linux.suse/2003-12/3055.html>

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I also have the CISCO 350 card. I recently have had good repeated success with the configuration on SuSe 9.0. Basically, SUSE configuration is handled under the /etc/sysconfig/network directory. The wireless support scripts dynamically assign the wireless card device names based on parameters in the script. My configuration sets the card as eth1.

I recommend removing any previous wireless configs established by YAST, reboot the system, and check the /var/log/messages file to see where the hardware is discovered and device established. Then use the commands ifconfig, etc to set the interface options.

First setup the card without encryption. After that success, add the encryption.

Regards.

On 17 Dec 2003 15:00:41 -0800, sgsax@ksu.edu (Seth Galitzer) wrote:

>Greetings,

>

>I've been going around and around trying to get wireless networking  
>configured properly on my laptop. I'm using SuSE 9.0, kernel 2.4.23,  
>and a Cisco350 PCMCIA NIC. I have the airo and airo\_cs (included with  
>kernel) drivers compiled and the card appears to be recognized and  
>installed properly upon insertion.

>

>The AP I'm trying to authenticate to is WEP-enabled and I have entered  
>the WEP key in various places. So far, I have been unable to  
>authenticate to the AP. I am able to authenticate to the AP on the  
>same laptop in the same physical location under Windows, so the  
>problem is with my linux configuration somewhere.

>

>I have noticed that iwconfig shows an eth1 device and a wifi0 device  
>upon inserting the card. My guess is that two different subsystems  
>are trying to  
>configure the card and are effectively "canceling each other out".

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>>From what I can gather, the eth1 device is being "created" by the  
>pcmcia subsystem. I have yet to find what subsystem is creating the  
>>wifi0 device.  
>  
>I've set up wireless networking on a laptop in the past using debian,  
>so I kinda know what to look for. I've just started using SuSE, so I  
>may be missing something somewhere. I've tried using the YaST network  
>setup tools, the kwifimanager configuration tools, editing  
>/etc/pcmcia.opts and various scripts in /etc/sysconfig/network  
>directly, and still cannot get it to function properly. The only  
>prograss I've made is to rename the  
>/etc/sysconfig/network/ifcfg-wlan-pcmcia script (created by YaST) to  
>ifcfg-eth1, which now results in listing the NIC as eth1 from  
>ifconfig, but it still does not get an IP address.  
>  
>I have read the SuSE howto on wirless networking setup, but have found  
>nothing useful there.  
>  
>Any ideas or suggestions are welcome. I've got to be damn close here,  
>but am missing the SuSE trick to get it going.  
>  
>Thanks.  
>Seth