

## Re: [SLE] Setting up DSL on SUSE 10.1

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/SuSE/2006-11/msg00386.html>

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- *From:* QiuFeng <MingQiuFeng\_8@xxxxxxx>
  - *Date:* Fri, 3 Nov 2006 12:26:54 -0800 (PST)
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Thanks. I won't faint at command line. LoL! I would like to learn it as I think it's important. (I have seen many good books in a search but it's a bit of cost to have them shipped to me here in China.) The person that taught me about MS stuff insisted I learn it (DOS) and showed me it was important. I do have some screen shots. If U think they'd be helpful.

I'll run these commands. Some similar information is what I got. I should tell U. I'm from USA. I 'work' here in china. Also if U read a review of Red Flag Linux, it's just a port/copy of Red Hat. I'm not that into Red Hat Linux!

I just need Chinese Language support but I need an English distribution. (Plus it's not even a "good" port of Red Hat according to the reviews. In addition... I've shown some of my students, I teach at a vocational college, SUSE or Mepis and the non computer oriented PCLinuxOS. Those Software majors are interested in Linux but seemed daunted by Red Flag. They mentioned it to me but they didn't seem to like it and with SUSE capable of having a CHINESE desktop. I thought I'd see who I could get interested in it. Besides this internet problem isn't so isolated. The other guy using Mandriva, a "Newby" like myself had equal problems getting online.)

I have a few questions.

To try to clear it up. I managed to get similar information but I'll get more with command lines. Glad to know them.

What I 'was' looking for but didn't find was the firewall set up in SUSE? Is there one? I mean detailed set up. I actually considered that it might be a firewall blocking things. Only... in card configuration area. It says the Firewall is disabled. So I thought that meant it wasn't on.

1. In some OS's such as MS's the network will be configured and on. Yet with DSL U must enable it. At that time it will send password and try to connect. Is there something to enable DSL like that in SUSE? Or is it simply supposed to be 'on' always?

2. I noticed a time out period which I set to 'zero' and it indicated that if idle SUSE would disconnect. Which would mean there's some way to 'turn' on the DSL connection?

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I admit I'm still somewhat playing with SUSE as I only just downloaded it a few days ago. I just didn't think it was that difficult to find things. I managed to find them well in Simply Mepis.

3. If after checking Command Line I do find no information coming in. What do I do? IS there a command line way to control and set the Firewall?

4. Is there a command line way for turning the internet connection off and on? Example: SimplyMepis tutorial said to type

pon 'dsl provider' to turn on the connection  
pof to disconnect.

There was a third to check the status similar to what you've given me here.

At this point I think that SUSE can connect like the others but as U said, either Firewall issues or something else I'm missing. By the way I should state I am using... Live DVD as I was testing it. So my last test is of course getting it online at which point when I know how I plan on installing it. (I've got the DVD and the 5 CD set with that extra 6th Addon CD.) Gave Mepis to the Mandriva guy.

Kai Ponte wrote:

On Friday 03 November 2006 10:05, QiuFeng wrote:

As directed:

1. connecting laptop to a modem (ethernet line. I with Winduds there is a password necessary.)
2. Simply go to Geeko (the start menu icon) > System > Yast (Control Center) and then enter your root password. Click on Network Devices and Network Card.
3. Click on User Controlled (With Network Manager) and then select which network card you have connected (wired) to connect.
4. I have set default to the DHCP. When it said connected. Opened browser. Unable to reach server message.
5. I use network tools. Ping the address that does show up when I highlight the wired connection on the Network Icon on taskbar. (Note it doesn't show subnet masks or anything. Just the address of my provider. As you surmised inside the Router/Modem) The Ping is active and showing I'm online.

So you can ping any address? Can you – for example – ping china.org.cn or pku.edu.cn? (I cannot ping them, but can get to their websites. I'm

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guessing  
there might be a firewall issue.)

6. At this point I guess I should go to DSL configuration because it must need the password and member/user name as in Winduds! It also needed the password from the other Distros.

That may be. I setup my username/password in my router. It also has a fixed IP address for the DSL connection.

7. After the setup a quick look at the network Icon on the taskbar and I've got other information there. Subnet etc.

Good.

8. I open Firefox, Seamonkey, Ephemany. Same message. Server can't be reached.  
9. At this point I'm confused. Basically it seems that SUSE is not sending information to the modem, such as my user name and password. or asking for information from the modem. I can't comprehend what I may be missing from the process. I've looked ,but it's gotten to late now and I'm no longer alert, for something that I would use to activate internet service? A tool or program or something that may be what I'm missing similar to Winduds. Place the Icon on Desktop then click it to

There's a command line option to tell you a few things.

Open up a terminal (people are fainting to read me state this) and type `/sbin/ifconfig`

This gives you information on your card(s) and to what they are connected.

Here's part of mine:

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```
eth1 Link encap:Ethernet HWaddr 00:12:F0:99:30:65
inet addr:192.168.0.101 Bcast:192.168.0.255 Mask:255.255.255.0
RX bytes:13658066 (13.0 Mb) TX bytes:1922377 (1.8 Mb)
```

What that is telling me is eth1 – which is my wireless connection – is up and connected. It has an internet address (inet addr:) of 192.168.0.101 and is using a subnet of 255.255.255.0

You can also see it has received 13.0 Mb of information (RX bytes) and sent 1.8Mb (TX bytes).

A non-active connection will look like the following:

```
eth0 Link encap:Ethernet HWaddr 00:12:3F:15:9C:97
UP BROADCAST MULTICAST MTU:1500 Metric:1
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)
Interrupt:11
```

As you can see there's been no transmission or reception of packets.

Another tool you can use is ifstatus. Type `/sbin/ifstatus eth(x)` – where x is your card. I get the following for my wifi connection:

```
kai@sith:~> /sbin/ifstatus eth1
```

```
eth1 device: Intel Corporation PRO/Wireless 2200BG Network
Connection
(rev 05)
eth1 configuration: wlan-id-00:12:f0:99:30:65
eth1 IEEE 802.11g ESSID:"TheForce"
Mode:Managed Frequency:2.437 GHz Access Point:
00:11:95:72:38:22
Bit Rate=36 Mb/s Tx-Power=20 dBm
```

You can see even in this abbreviated version that a lot more information is displayed. I can see my configuration, the network I'm on, whether or not I'm using DHCP and other items.

This should get you started.

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One final question – I have several of my Mandarin and Cantonese speaking friends using Red Flag Linux (<http://www.redflag-linux.com>). Would that be an easier option for you in your country?

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kai ponte  
[www.perfectreign.com](http://www.perfectreign.com)  
[www.filesite.org](http://www.filesite.org)

—  
Check the headers for your unsubscription address  
For additional commands send e-mail to [suse-linux-e-help@xxxxxxxx](mailto:suse-linux-e-help@xxxxxxxx)  
Also check the archives at <http://lists.suse.com>  
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—  
View this message in context:  
<http://www.nabble.com/Changing-Input-Languge-SUSE-10.1-tf2554353.html#a7166920>  
Sent from the suse Help mailing list archive at Nabble.com.

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Also check the archives at <http://lists.suse.com>  
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