

# [opensuse] Re: simple LAN

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/SuSE/2007-06/msg01318.html>

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- *From:* Eberhard Roloff <[tuxebi@xxxxxx](mailto:tuxebi@xxxxxx)>
  - *Date:* Sun, 17 Jun 2007 20:34:07 +0200
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Hi Robert,

we will help you to get along. Don't despair

Robert Best wrote:

Eberhard,  
it is not easy.

On Saturday 16 June 2007 17:53, Eberhard Roloff wrote:

Robert Best wrote:

```
rw:~> ip a
1: lo: <LOOPBACK,UP,10000> mtu 16436 qdisc noqueue
.....
2: eth0:
<BROADCAST,MULTICAST,NOTRAILERS,UP,10000>
mtu 1500 qdisc
.....
inet 192.168.1.65/24 brd 192.168.1.255 scope global eth0
.....

fam:~> ip a
.....
inet 192.168.1.64/24 brd 192.168.1.255 scope global eth0
with 64 instead of 65.

rw:~> ping 192.168.1.64
sends and receives packets

fish://192.168.1.64
works !!!
```

Hi Robert,

Congratulations!!!  
It's easy, isn't it?

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No. Kenneth on this list learned me about the command `ip a` which is not mentioned in O'Reilly's *Nutshell* or the SuSE manual. Ch 21, Basic Networking in the Reference documentation should include info about how to find unknown IP addresses of computers in a LAN.

well, Kenneth's command works but I think, the more usual command for this is:

`/sbin/ifconfig`

This is surely documented in the *Nutshell*. And it is easy, I memorize it as `i(NTER)f(ACE)config(URATION)`

If you are root, a simple "ifconfig" works, as an ordinary user, you need `/sbin/ifconfig`

but only after tearing down the firewall

on machine fam, I assume?

That is ok, if your internet router acts as a firewall for your local network.

It is a Speedtouch ADSL modem. Don't know about firewall capabilities.

At least something is giving you the 192.168.x.x ip Adresses. If they come from your Speedtouch and it converts them to "real" Internet Adresses, this acts in fact as a router.

If you feel better enabling the firewall on fam, you need to allow ssh traffic on port 22 as has already been said in another mail. You can do that easily with yast on machine fam.

No. I can't find it in YaST2 / Security and Users / Firewall.

Yes, you can: ;-)

Yast2 / Security and Users / Firewall / Allowed Services (for External Zone) / Service to allow / choose SSH from the List / klick on Add

And: you are done!!

In case that there are more problems that you encounter or you have more

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questions, just do not hesitate to ask.

This list has only one sole reason for existence: It is here to help people achieve what they are heading for!!!

And Linux may not be easy, especially when you are beginning to explore it, but chances are, you will never ever regret it.

kind regards  
Eberhard

fam:~> SuSEfirewall2 stop

Robert

regards  
Eberhard

Kind regards,  
Robert

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