

# Re: basic question about assigning ip address

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  - *Date:* Sun, 30 Sep 2007 20:12:23 +0200
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Peter Horst wrote on Sunday 30 September 2007:

[Warning: second question attached :-) ]

I do not really see the relation to your previous problem, but let's try to solve this one. ;)

The Linksys had the ability to function as a switch (wrong word?) – that is, it would pass traffic straight through to two machines on my internal network, both of which had static, public IP addresses (...)

Just to help get it straight: you have *\*one\** connection to the internet, on which you use at least *\*two\** public IPs, don't you?

```
.-----.  
+--+ Linux Server |  
|-----| |-----'  
| Internet +-----a Zyxel b-----+  
|-----| |-----| |-----.  
+--+ Windows Laptop |  
|-----|
```

Your Zyxel router must have *\*two\** public IPs on its connection to the internet and it should pass the traffic either to the linux server or the windows laptop, right?

All depends on your Zyxel router and the type of your internet connection. If it is fully customizable (e.g. with a decent linux distro inside) then I'd try to setup bridging between interface "a" and "b". If the router has to establish a PPP connection first, then "ppp0" and "b" would be the participants of the bridged interface.

In case you have a direct internet connection (ethernet, fully functional without PPP or something like this) you could simply plug in

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the "internet wire" right next to your servers jack, connecting all devices together through the Zyxel's internal switch. The Zyxel will then merely be a switch (with WLAN connection).

If this did not solve your problem (what probably is the case ;) ) the please describe first the topology of your network and the type of your internet connection.

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Bye,  
Adalbert

The herd instinct among economists makes sheep look like independent thinkers.

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