

## Re: Two NICs – Use Different DHCP Server?

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Simplest way is to get a second switch. Since you only have 'several' machines, this would not be expensive. Connect one NIC on each computer and your DHCP server to the new switch and connect the other NIC in each computer to the existing switch.

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ohaya" <[ohaya@cox.net](mailto:ohaya@cox.net)> wrote in message news:4163D5C3.1FB4C0B6@cox.net...

> Hi,

>

> I have several test machines with 2 NICs installed. I usually use these  
> test machines in a standalone test network (in the 192.168.0 subnet),  
> and I have my own DHCP server on the test network that is configured  
> with MAC reservations, i.e., so that it serves IP addresses to the test  
> machines based on their MAC addresses, and all these test machines are  
> configured to "Obtain IP address" (I need to do this, rather than using  
> fixed IP addresses, for some other reasons).

>

> All of these test machines are wired into a switch that is basically  
> embedded in the rack they're all in.

>

> Right now, if I want to get external Internet access from any of these  
> test machines, I am shutting down my test DHCP server (just to be safe),  
> running a cable from the rack-embedded switch to a jack in the wall, and  
> then doing an "ipconfig /renew" on a test machine, which then gets its  
> IP address (in the 192.168.2 subnet) from the office's DHCP server.

>

>

> Since I have two NICs on each of the test machines, I was wondering if  
> it would be possible to configure things so that I could leave my test  
> DHCP server running all the time, keep the cable to the office network  
> plugged in all the time, and have one of the NICs get its IP address  
> from the office DHCP server, and the other of the NICs get its IP  
> address from my test DHCP server?

>

> I guess that ideally, I'd like to be able specify which DHCP server each

microsoft.public.win2000.networking: Re: Two NICs – Use Different DHCP Server?

- > *NIC should use, or something along those lines, but I haven't been able*
- > *to find any way to do this.*
- >
- > *Does anyone know how I can configure something like this?*
- >
- > *Thanks,*
- > *Jim*