

## Re: Not getting a DHCP address before group policies run

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*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.group\\_policy/2006-01/msg00117.html](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.group_policy/2006-01/msg00117.html)

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- *From:* "Oli Restorick [MVP]" <[oli@xxxxxxxx](mailto:oli@xxxxxxxx)>
  - *Date:* Sat, 14 Jan 2006 02:05:14 -0000
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The first thing that springs to mind is that you may have STP (spanning tree protocol) configured on your switches. This is designed to prevent loops in networks, but can introduce a delay between your NIC coming live and the NIC getting connected to the network. This can be long enough to prevent the machine obtaining an address via DHCP.

If you happen to have Cisco switches, the setting you want to consider enabling is called "PortFast". See the following for some more information about STP and PortFast.

<http://www.cisco.com/warp/public/473/5.html>

You may also want to look at the application event log for entries from source UserEnv, as these can be helpful in diagnosing Group Policy problems, but my guess is that it's related to STP.

Hope this helps

Oli

"rf1908" <[rhfoit@xxxxxxxxxxxxxx](mailto:rhfoit@xxxxxxxxxxxxxx)> wrote in message  
[news:1137173834.334518.298130@xx](mailto:news:1137173834.334518.298130@xx)  
> We are currently having a problem from time to time where we start our  
> computers and it appears the machine does not get a DHCP address before  
> the  
> group policies are applied. When this happens, our network drives do  
> not map  
> to the machine. The only resolution we currently have is to log the  
> user off  
> and have them log back in. Has anyone heard of anything like this  
> before?  
> We originally thought it was a network card problem, until we started  
> using a  
> different card this week. There is nothing in the event log to tell us  
> what is goin on either. We also have "wait for network" enabled as  
> well.

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> Any helpful info would be appreciated.  
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• **References:**

- ◆ **[Not getting a DHCP address before group policies run](#)**  
    ◇ *From:* rf1908

- Prev by Date: **[Re: Roaming Profiles/Folder Redirection....wierd problem!](#)**
- Next by Date: **[Re: Redirecting "My Documents" does not work](#)**
- Previous by thread: **[Not getting a DHCP address before group policies run](#)**
- Next by thread: **[Hiding the Display settings via Computer Specific group policy.](#)**
- Index(es):
  - ◆ **[Date](#)**
  - ◆ **[Thread](#)**