

Re: Can't get an IP address assigned using DHCP

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2005-07/msg01073.html

- *From:* Alan B <AlanB@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sat, 16 Jul 2005 13:19:03 -0700
-

"Chuck" wrote:

> On Fri, 15 Jul 2005 16:31:03 -0700, Alan B <AlanB@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
> wrote:
>
>>Hi,
>>I have a home network which is a mix of 98 and XP machines, some wired, some
>>wireless, connected to AOL through a router. Up until recently, everything
>>worked great, however, my daughter's PC has recently stopped connecting to
>>the network so she can't get internet access (no MS Messenger etc!).
>>
>>This PC was using a wireless connection, I've now changed to an ethernet
>>cable, but still nothing works. The first roadblock that I've reached while
>>debugging is that the PC doesn't appear to be getting an IP address from the
>>router which is configured to act as a DHCP server. All other machines on the
>>network are getting addresses correctly. Things that I've tried so far:
>>- I have compared network settings with another machine and can't see
>>anything that is different.
>>- I can ping the PC itself, but can't ping anything else on the network
>>- Tried the windows trouble shooter but that's not helped.
>>- Checked ipconfig, which shows IP address as being Autoconfiguration IP
>>address 169.254.178.246
>>
>>Any suggestions would be greatly appreciated.
>>
>>Thanks,
>>Alan
>
> Alan,
>
> The problem computer is getting an APIPA address.
> <<http://support.microsoft.com/?id=220874>>
>
> If you have other computers on the network, all getting DHCP from the router,
> you have 2 possibilities:
> # The router DHCP scope is exhausted.

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- > # The problem computer is not connecting.
- >
- > How do you "ping the PC itself"? Are you pinging it from itself? Are you
- > pinging it by name or ip address? Are you getting a reply?
- >
- > When you use an Ethernet cable, is it a tested cable? Connecting to a tested
- > router port? Have you tried swapping cable / port with another computer that's
- > having no problem?
- >
- > ---
- > Cheers,
- > Chuck, MS-MVP [Windows - Networking]
- > <http://nitecruZR.blogspot.com/>
- > Paranoia is not a problem, when it's a normal response from experience.
- > My email is AT DOT
- > actual address pchuck mvps org.
- >

Hi Chuck,

Thanks for the reply! The router scope isn't exhausted...the annoying thing here is that the machine was working until about 3 or 4 weeks ago on a wireless adapter. Nothing changed (that I can think of) and suddenly it stopped working. Having tried to fix the wireless adapter I've changed to an ethernet connection but can't get that to work either!

Cable has been checked on another system, just tried another router input and that didn't fix it. Router is a Speedtouch 510, BTW.

I can ping the PC from itself, but not from any other system on the network.

I was able to ping both the IP address and the computer name successfully.

The IP address range on the LAN is 10.x.x.x

I've also checked the Local Area Connection Status and it indicates that the network is connected, and the activity is listed as:

- Sent 68
- Received 0

Any other suggestions?

Cheers,
Alan

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• *Follow-Ups:*

- ◆ **Re: Can't get an IP address assigned using DHCP**
◇ From: Peter G
- ◆ **Re: Can't get an IP address assigned using DHCP**
◇ From: Peter G
- ◆ **Re: Can't get an IP address assigned using DHCP**
◇ From: Chuck

Re: Can't get an IP address assigned using DHCP

- **References:**

- ◆ **[Can't get an IP address assigned using DHCP](#)**

- ◇ *From:* Alan B

- ◆ **[Re: Can't get an IP address assigned using DHCP](#)**

- ◇ *From:* Chuck

- Prev by Date: **[Partial Network Function – Can share files, but not Internet](#)**

- Next by Date: **[Re: Initial Wireless Connection](#)**

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