

How to fix Autoconfiguration IPv4 Address issue Windows Server 2012 r2

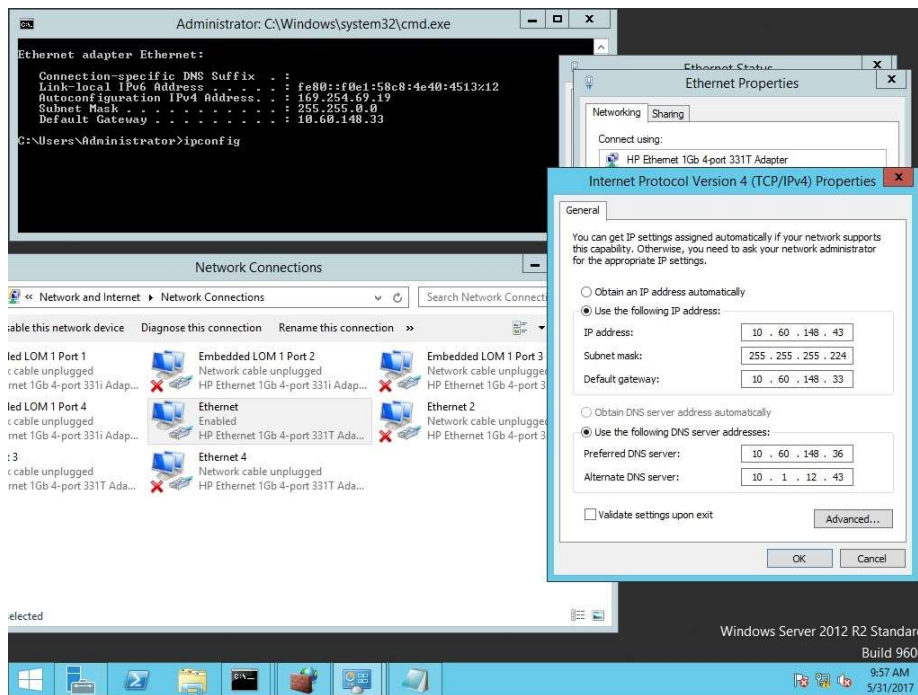
by George Sruthin | Jun 1, 2017 | Howtos, Troubleshooting, Windows | 4 comments

Today when i install Windows Server 2012 r2 OS in a new HPE Proliant DL 380 server, after the os installation i have added ip manually to the Ethernet interface, but i get a Limited Access error,so i double check the ip is correct or not, i was right ip is correct, so i disabled firewall ,then i checked by typing ipconfig in the command prompt and i get result as follows

```
Ethernet adapter Ethernet:
Connection-specific DNS Suffix . :
Description . . . . . : HP Ethernet 1Gb 4-port 331T Adapter
Physical Address. . . . . : 3C-A8-2A-F3-CF-9C
DHCP Enabled. . . . . : No
Autoconfiguration Enabled . . . . : Yes
Link-local IPv6 Address . . . . :
fe80::f0e1:58c8:4e40:4513%12(Preferred)
IPv4 Address. . . . . : 10.60.148.43(Duplicate)
Subnet Mask . . . . . : 255.255.255.224
Autoconfiguration IPv4 Address. . : 169.254.69.19(Preferred)
Subnet Mask . . . . . : 255.255.0.0
Default Gateway . . . . . : 10.60.148.33
DNS Servers . . . . . : 10.60.148.36
10.1.12.43
NetBIOS over Tcpip. . . . . : Enabled
```

as you can see there is two ipv4 ip's , one is the ip which i given , second is APIPA range ip

to fix this please follow the steps



1. Click on **start** and click on **RUN** (or simple press **windowsKey+R**) type **CMD**
2. type **ipconfig**

this is will give you following result

```

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10.1.12.43
NetBIOS over Tcpi. . . . . : Enabled
  
```

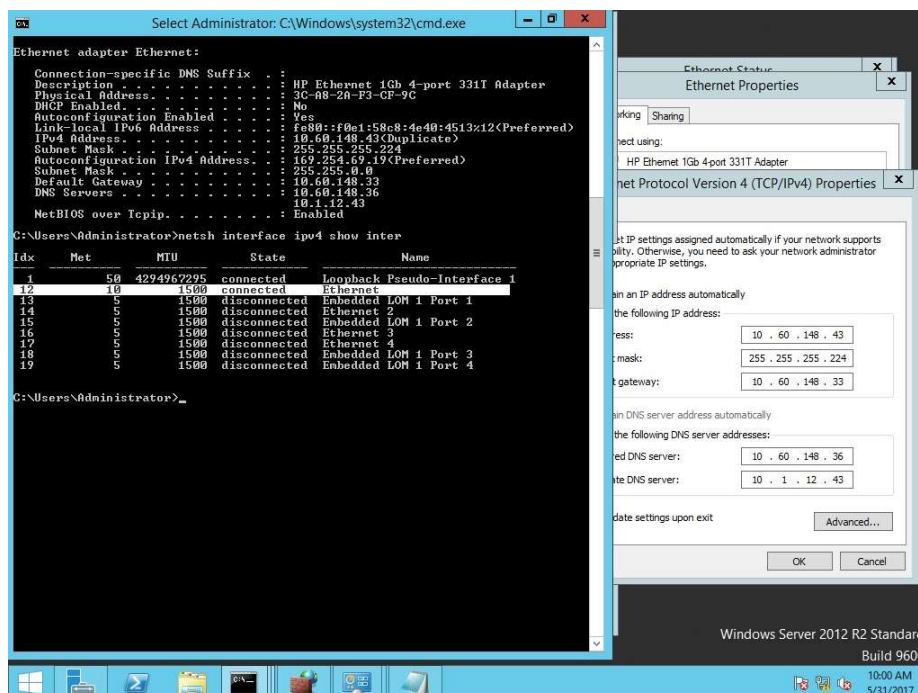
now type below code in the command prompt

netsh interface ipv4 show inter

this will show you below result

```
C:\Users\Administrator>netsh interface ipv4 show inter
```

Idx	Met	MTU	State	Name
1	50	4294967295	connected	Loopback Pseudo-Interface 1
12	10	1500	connected	Ethernet
13	5	1500	disconnected	Embedded LOM 1 Port 1
14	5	1500	disconnected	Ethernet 2
15	5	1500	disconnected	Embedded LOM 1 Port 2
16	5	1500	disconnected	Ethernet 3
17	5	1500	disconnected	Ethernet 4
18	5	1500	disconnected	Embedded LOM 1 Port 3
19	5	1500	disconnected	Embedded LOM 1 Port 4



check for the connected interface

from the above command result you can find the connected interface notedown its **idx** id which is **12** in my case but your id may vary , type

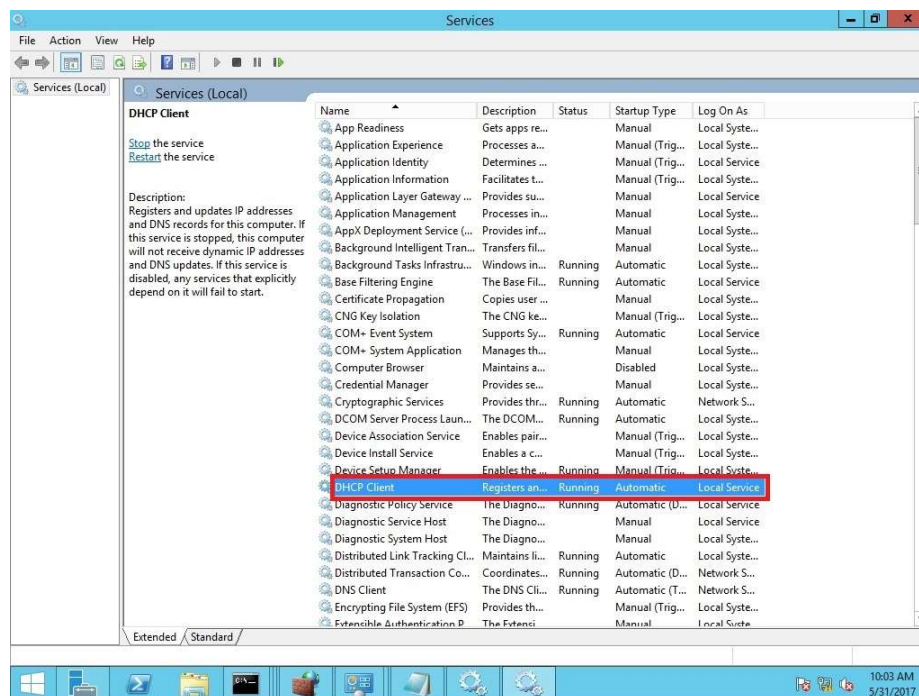
following command with your idx id in the command prompt then
press enter

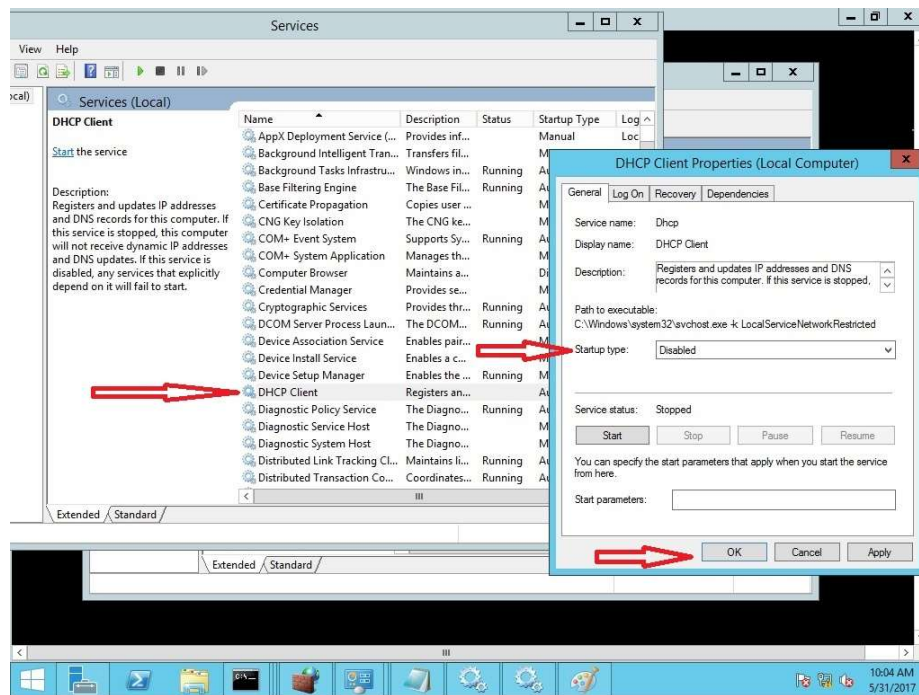
```
netsh interface ipv4 set interface 12 dadtransmits=0 store=persistent
```

this will give you following result

```
C:\Users\Administrator>netsh interface ipv4 set interface 12  
dadtransmits=0 store=persistent  
Ok.
```

1. Click on **start** and click on **RUN** (or simple press **windowsKey+R**)
type **CMD** and Type **Services.msc** a box will appear Search for **DHCP client** right click on it and Click on **Properties** click on **Startup Type**
select Disable
2. Now Click on **Stop** Button Below And click on **Ok**





* Note

1. **Unplug** Your Lan Cable And **Restart** your System
2. After Restart **don't Plug in your Cable**, Come again to **Services.msc** find **DHCP client** right click on it and Click on **Properties** click on **Startup Type** now select **Automatic**
3. Click on **Start** button below and then Ok.
4. Now Plug in your **Lan Cable** and Enjoy.