


How to assign static IP address to a virtual machine

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Applies to:

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Available Translations:

(<http://kb.parallels.com/en/11209>)

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Symptoms

You are not able to connect your virtual machine to Home/ Office local network or you have problems connecting to the Internet via Bridged Network mode.

Cause

You may try to manually assign IP address to your virtual machine.

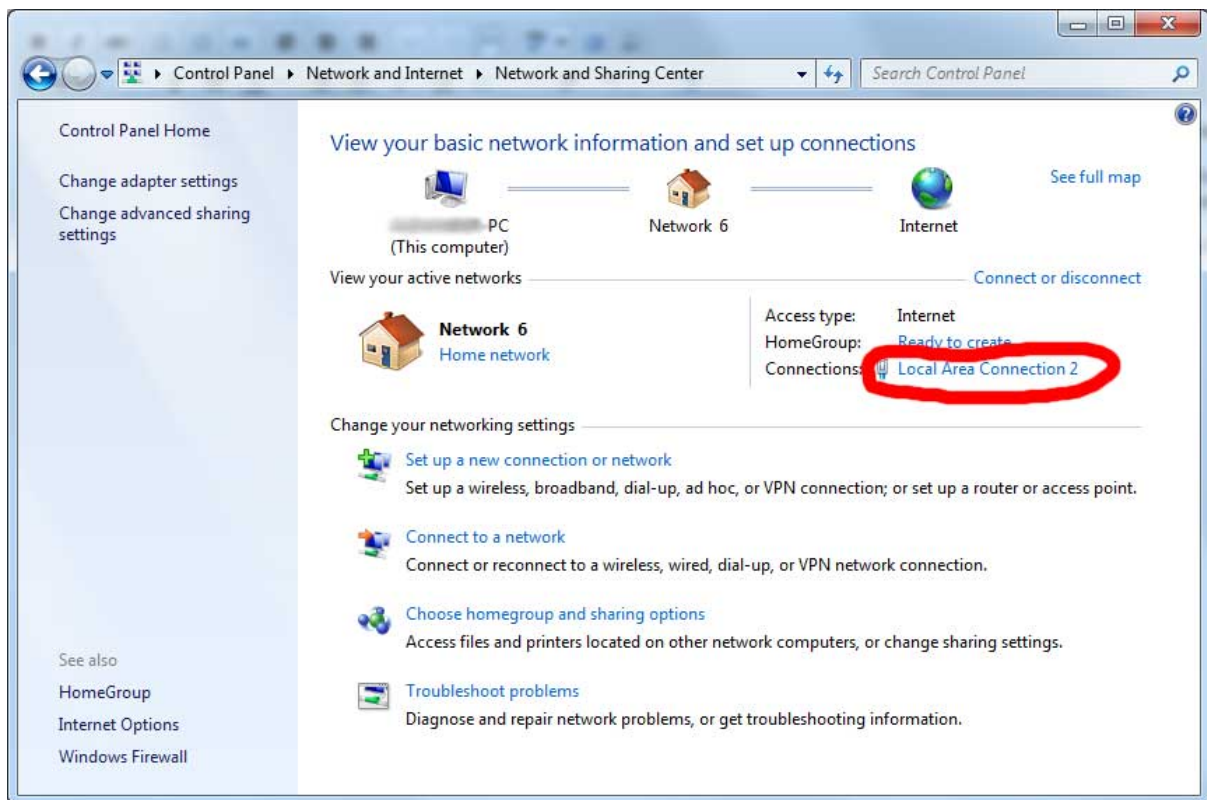
Resolution

1. Launch your Windows virtual machine, click on **Start > Command Prompt**.
2. In Command Prompt Window, type

```
Ipconfig /all
```

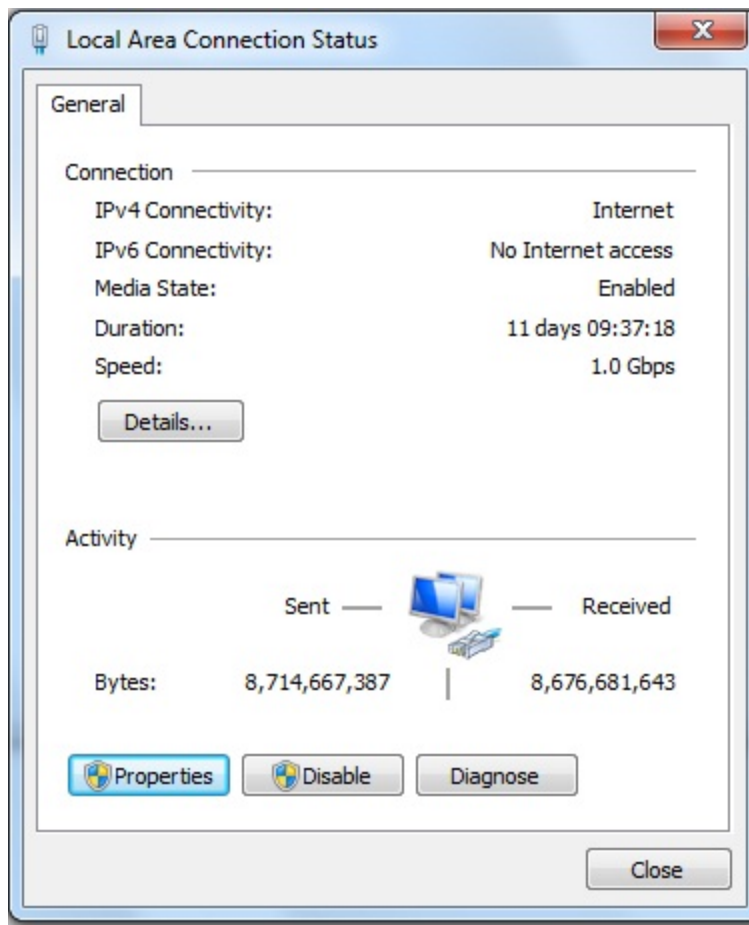
Please put down the **IP address**, **DNS server** and **Default Gateway** address.

3. Click on Windows **Start** Menu > **Control Panel** > **Network and Internet Sharing Center**.



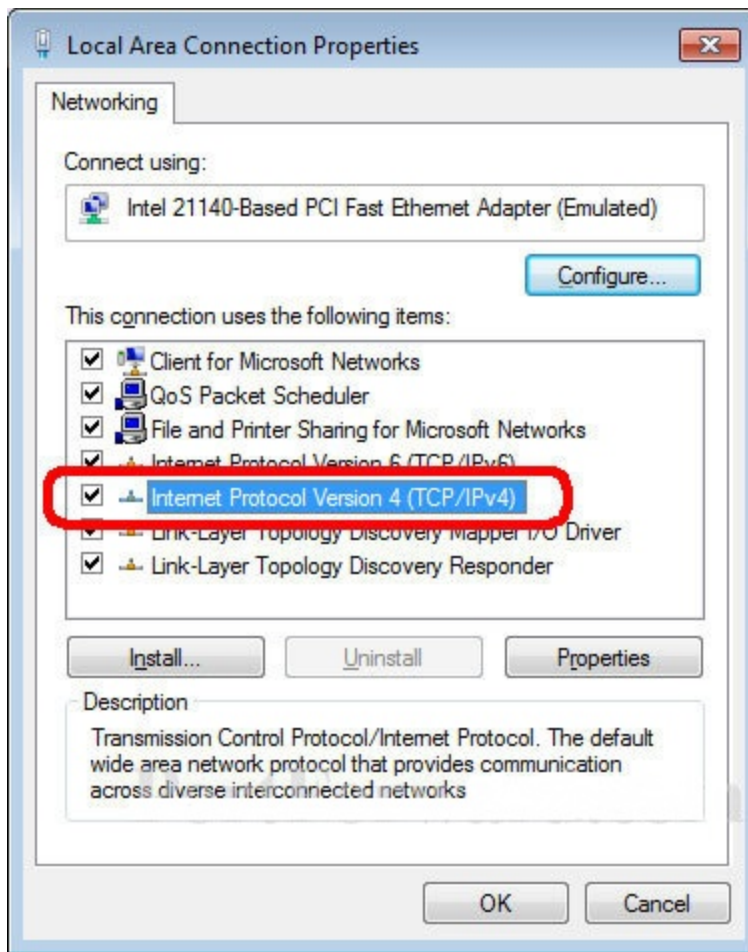
(<https://kb.parallels.com/Attachments/kcs-4666/1.jpg>)

4. Click on the **LAN connection** and go to **Properties**.



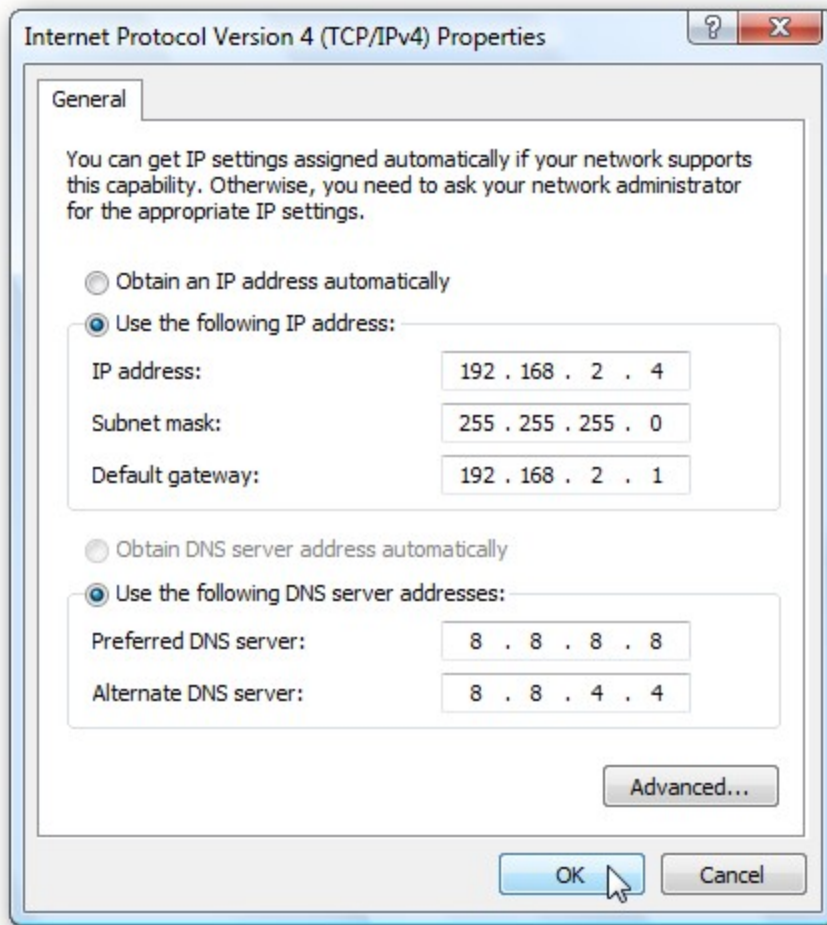
(<https://kb.parallels.com/Attachments/kcs-4666/2.jpg>)

5. In the properties window click on **Networking** tab and select **Internet protocol version**, then click on **Properties**.



(<https://kb.parallels.com/Attachments/kcs-4666/3.jpg>)

6. Please uncheck **Obtain IP address automatically** and **Obtain DNS server address automatically**.

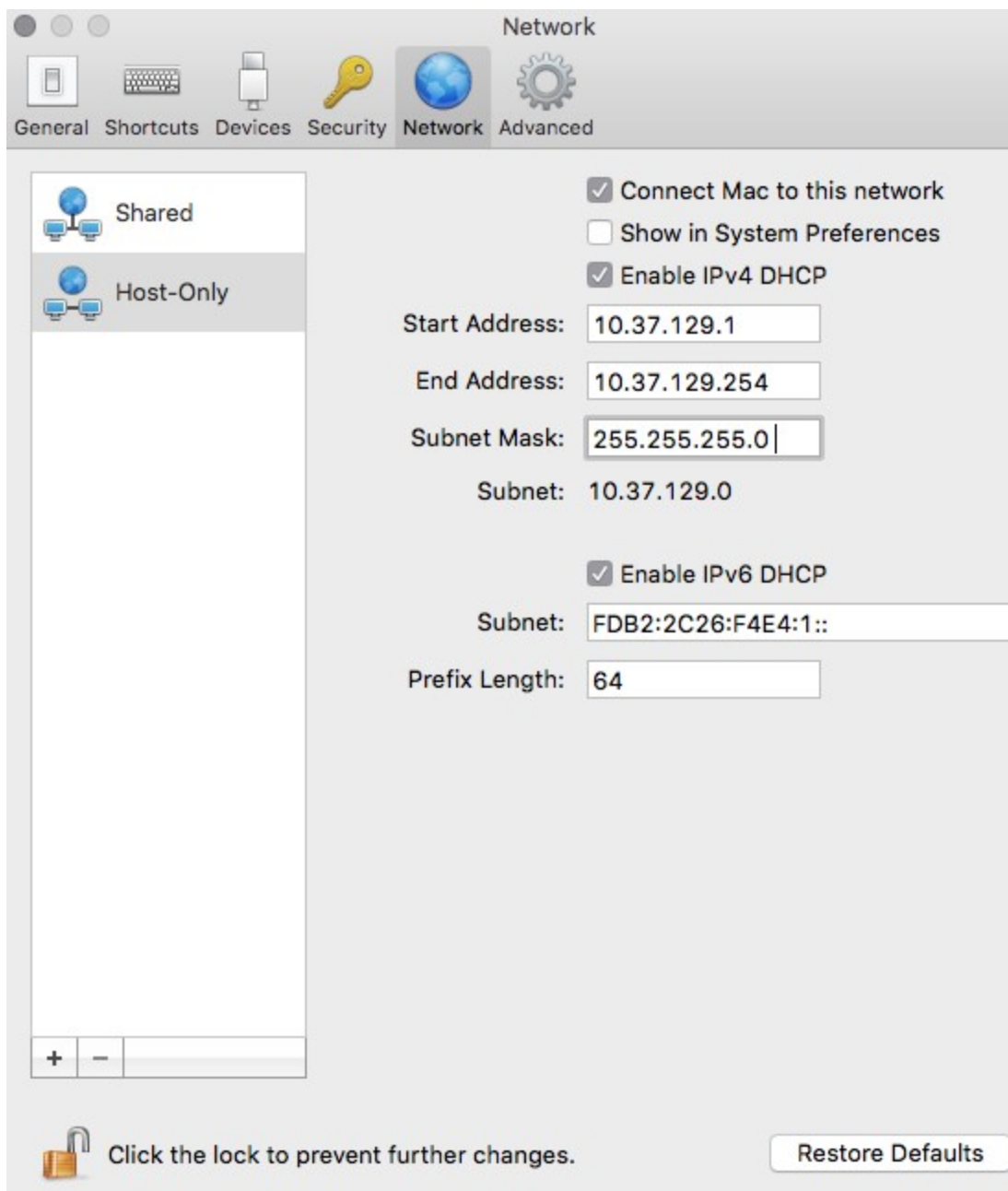


(<https://kb.parallels.com/Attachments/kcs-4666/4.png>)

7. Fill in the details of DNS server, gateway, etc., but change the last part of the **IP address** (example: You noted that IP address as 192.168.1.2, so you can change that to 192.168.1.10 or similar in the range of 2 to 255).
8. Please **restart** the virtual machine and check the status.

NOTE: If the above does not work please follow these instructions:

1. Please launch Parallels Desktop, do not start Windows.
2. Click on **Parallels Desktop** on top Mac menu bar. Choose **Preferences**.
3. Under Parallels preferences window click on **Network**.
4. Click on **Restore Defaults**, then **OK** and start the virtual machine.



(<https://kb.parallels.com/Attachments/kcs-4666/PDPreferences.png>)

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