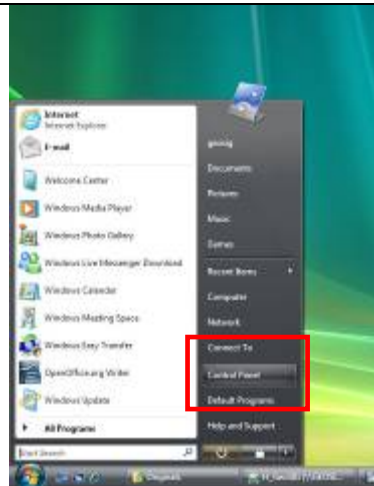


# 1. Introduction

The PC, which is used as a server for the GMS, it has to have a fixed IP. This procedure describes how to setup Windows Vista PC with a fixed/static IP address.

## 2. Setting a fixed / static IP address

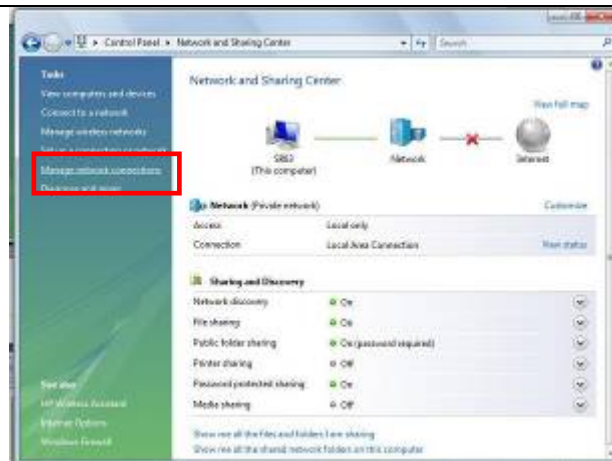
Go to the "Control Panel" from the Start menu.



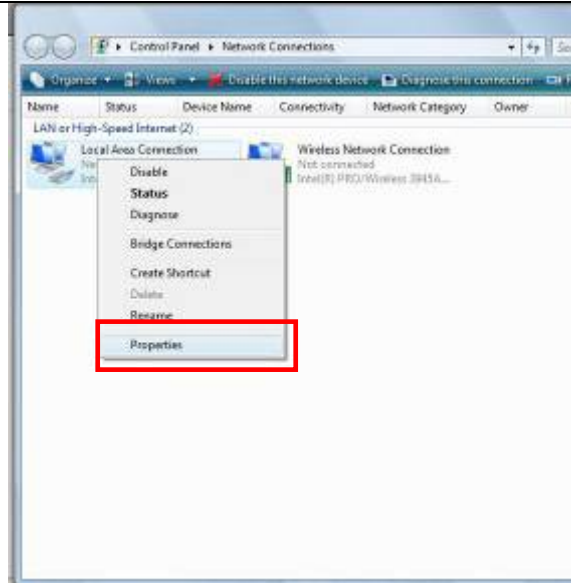
Click "Network and Internet" and then "Network and Sharing Center".



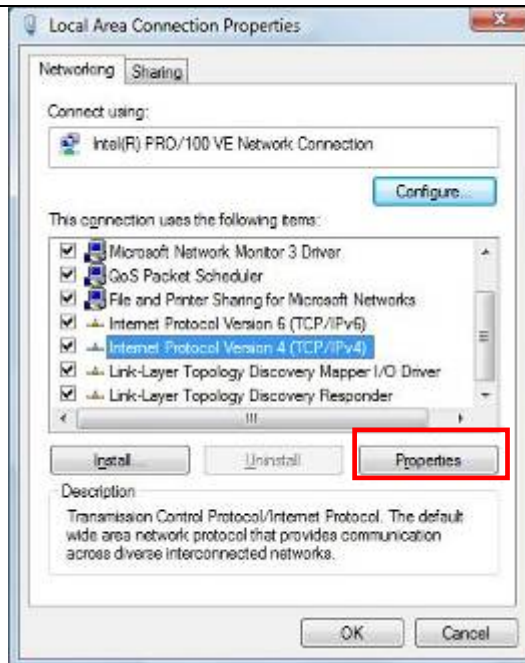
Click "Manage network connections".



Choose which Internet connection you would like to change if you have more than one. Right click on it and select "Properties".



Click the "Networking" tab.



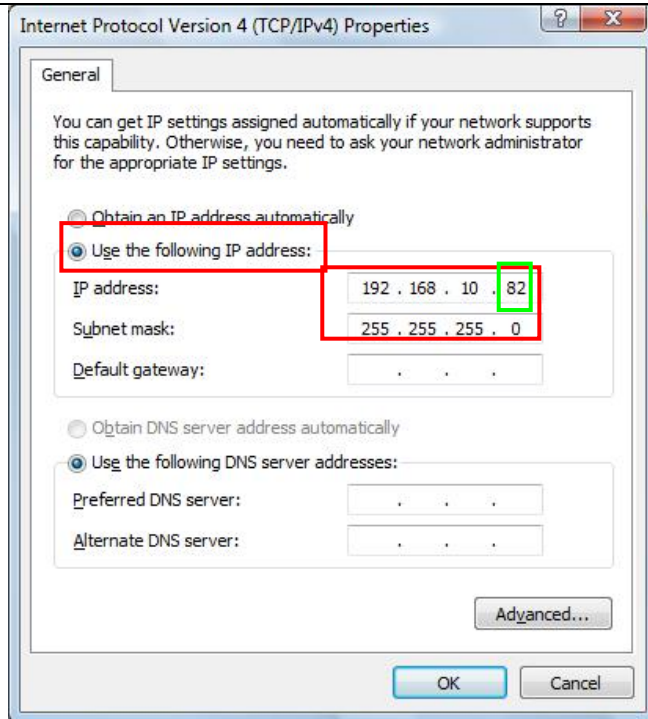
Choose either Internet Protocol Version 4 (TCP/IPv4) or Internet Protocol Version 6 (TCP/IPv6).

Usually it is IPv4  
If you are not sure, ask your provider or network administrator about it.

Click "Properties"

Click "Use the following IP Address" to enter your own IP settings.

*Shown IP address is just an example. It depends on your network topology and allowed IP ranges from your network administrator.*



Enter your IP address into the boxes marked "IP Address," "Subnet Mask" (or "Subnet prefix length for IP/TCPv6) and "Default gateway."

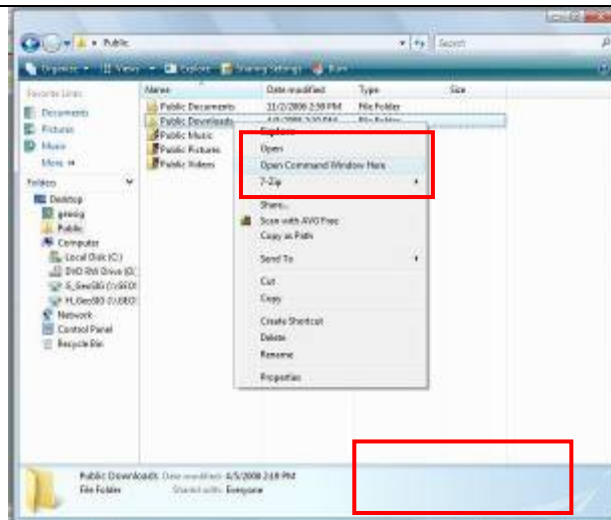
Make sure your Laptop has an IP address in the same range (just the last number MUST be different to the GMS) -> green box

How to set the IP for the GMS check GS\_GMS-xx\_UserManual\_Vxx.pdf on chapter 6.

Read more: [How to Change IP Address in Windows Vista | eHow.com](http://www.ehow.com/how_2056398_change-ip-address-windows-vista.html#ixzz1EbMCmWiG)  
[http://www.ehow.com/how\\_2056398\\_change-ip-address-windows-vista.html#ixzz1EbMCmWiG](http://www.ehow.com/how_2056398_change-ip-address-windows-vista.html#ixzz1EbMCmWiG)

### 3. Verifying the IP address of the PC

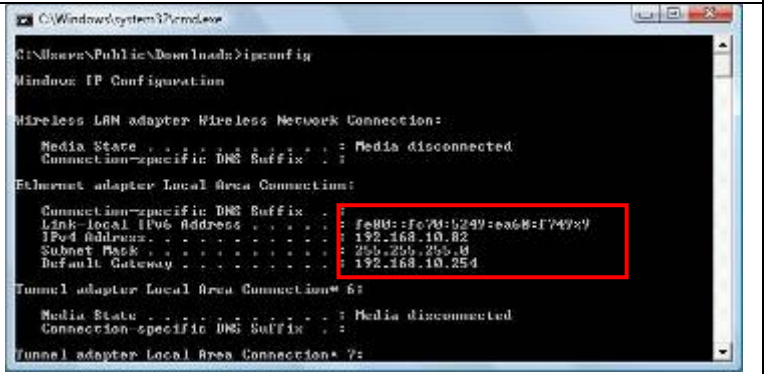
Open a Windows Explorer window.  
 Hold down "Shift" and right-click on a folder in the right panel of the Windows Explorer window.  
 The option "Open Command Prompt Here" appears.  
 Choose it.



Type "ipconfig" into the new appeared window and press "Enter"

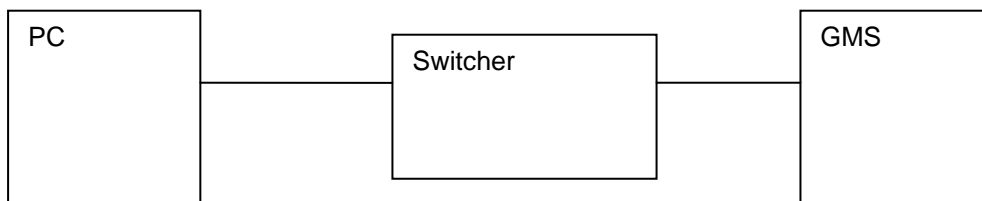


The IP, which you have set in chapter 1, should appear now.



#### 4. Cross-wired / non-cross-wired issue

Many Laptops or also PC's, especially older ones, can not handle cross-wired connections.



For more information what a switcher is, check this link:  
<http://www.cisco.com/en/US/products/ps9996/index.html>

For more information about cross-wired cables, check this link under "Automatic crossover":  
[http://en.wikipedia.org/wiki/Ethernet\\_crossover\\_cable](http://en.wikipedia.org/wiki/Ethernet_crossover_cable)

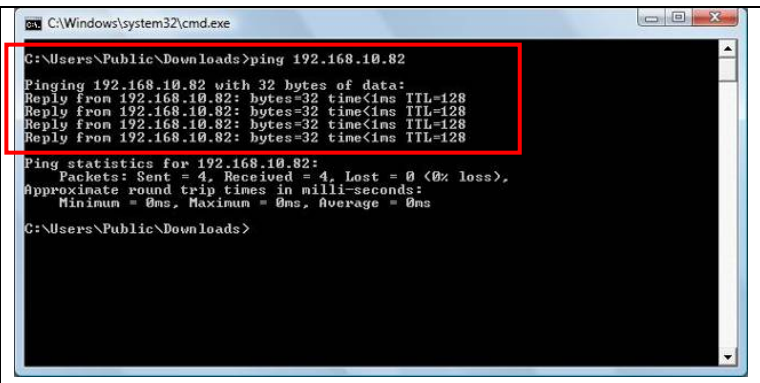
#### 5. Check if you can ping the GMS

Open the command prompt again



Type "Ping" and the IP address of the  
GMS"

Check if the IP answers



```
C:\Windows\system32\cmd.exe
C:\Users\Public\Downloads>ping 192.168.10.82
Pinging 192.168.10.82 with 32 bytes of data:
Reply from 192.168.10.82: bytes=32 time<1ms TTL=128
Reply from 192.168.10.82: bytes=32 time<1ms TTL=128
Reply from 192.168.10.82: bytes=32 time<1ms TTL=128
Reply from 192.168.10.82: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.82:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\Public\Downloads>
```