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# How to connect SV210 to host PC(or VM)

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- 2. Prepare requisitions
- 3. Configure nfs-server
- 4. Connect to SV210
- 5. Configure IP
- 6. Mount nfs

### Install nfs-server package

Open Terminal app and do command : sudo apt-get install nfs-kernel-server

😣 亘 💷 ubuntu@ubuntu-VirtualBox: ~

ubuntu@ubuntu-VirtualBox:~\$ sudo apt-get install nfs-kernel-server

### Configure nfs-server

Open Terminal app and do command : sudo vi /etc/exports

😣 😑 💿 ubuntu@ubuntu-VirtualBox: ~

ubuntu@ubuntu-VirtualBox:~\$ sudo vi /etc/exports

# Configure nfs-server

#### Add the line at the end of file and save and exit from vim.

/home \*(rw,no\_root\_squash,no\_all\_squash,no\_subtree\_check)

#### 🔞 🗖 🗊 ubuntu@ubuntu-VirtualBox: ~ # Example for NFSv2 and NFSv3: # Example for NFSv4: /home \*(rw,no\_root\_squash,no\_all\_squash,no\_subtree\_check) ~ "/etc/exports" 12L, 448C All 1,1

Remember there are no blanks between '(' and ')'

# Configure nfs-server

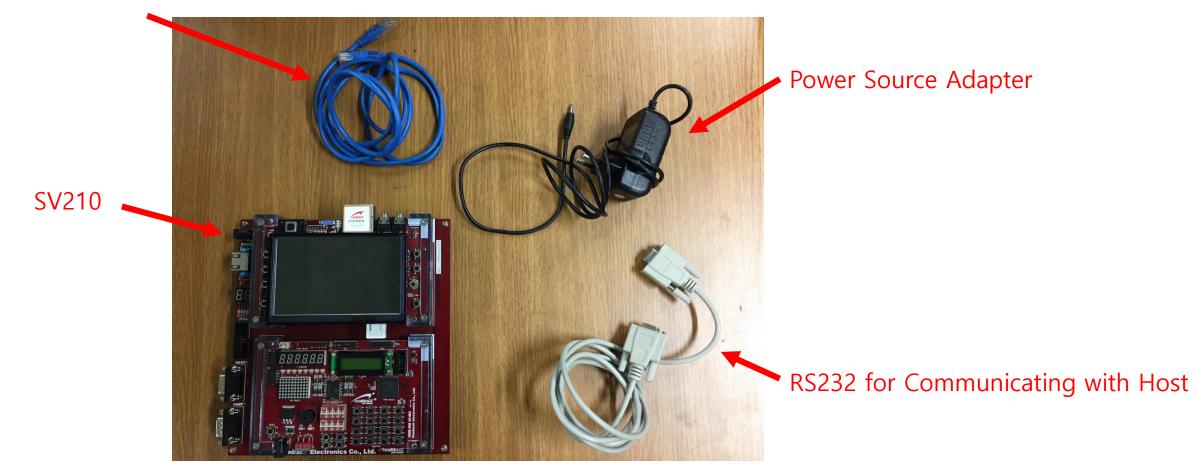
#### Open Terminal app and do command :

sudo service nfs-kernel-server restart

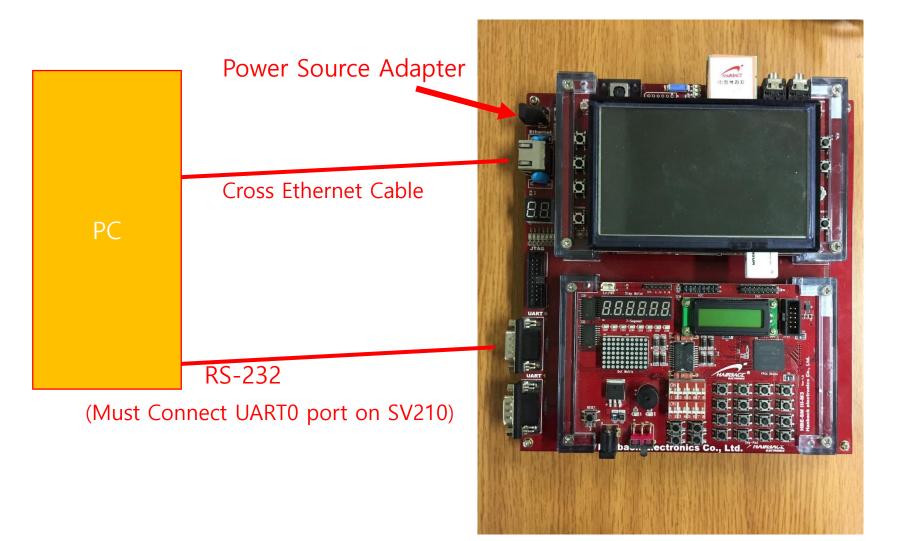
😣 🖻 🗉 ubuntu@ubuntu-VirtualBox: ~	
ubuntu@ubuntu-VirtualBox:~\$ sudo service nfs-kernel-server restart	
* Stopping NFS kernel daemon	[ OK ]
* Unexporting directories for NFS kernel daemon	[ ок ]
* Exporting directories for NFS kernel daemon	[ ок ]
* Starting NFS kernel daemon	[ ок ]
ubuntu@ubuntu-VirtualBox:~\$	

#### Prepare requisitions

#### Cross Ethernet Cable



#### Prepare requisitions



Open Windows Explorer. At the "This PC" folder, click right button. Click "Properties"

× L	This PC
	Collapse
	Manage
	Pin to Start
	Map network drive
	Open in new window
	Pin to Quick access
	Disconnect network drive
	Add a network location
	Delete
	Rename
	Properties
>	🖳 web (10.8.0.1(lili
\	web (102 168 1 6

#### 👱 System 👱 > Control Panel > All Control Panel Items > System $\leftarrow \rightarrow$ Control Panel Home View basic information about your computer Device Manager Windows edition Remote settings Windows 10 Pro System protection © 2016 Microsoft Corporation. All rights reserved. Advanced system settings System

#### Open "Device Manager".

Processor:	Intel(R) Core(TM) i7-7700K CPU @ 4.20GHz 4.20 GHz
Installed memory (RAM):	16.0 GB
System type:	64-bit Operating System, x64-based processor
Pen and Touch:	No Pen or Touch Input is available for this Display

Computer name, domain, and workgroup settings

Computer name:	DESKTOP-Q3GFUFP
Full computer name:	DESKTOP-O3GFUFP

Sound, video and game controllers

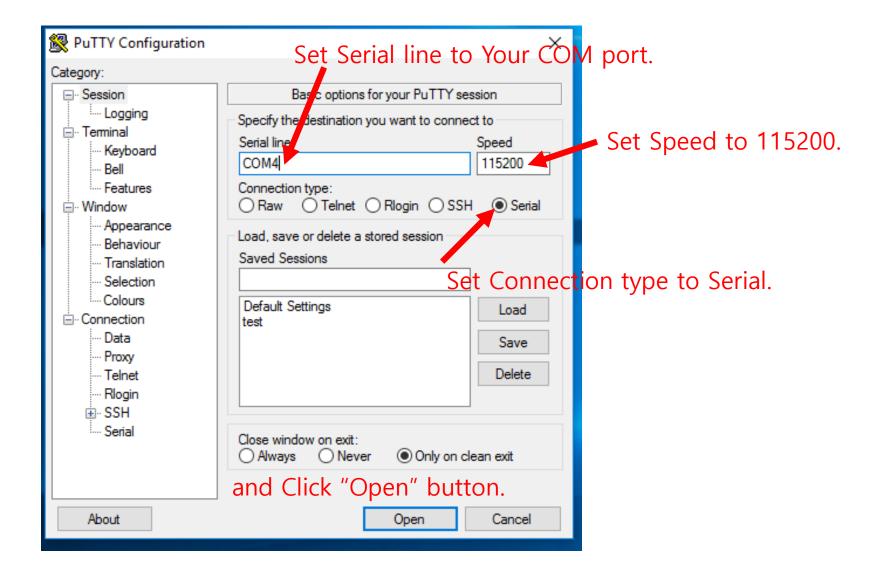
1

Storage controllers

🗄 Device Manager File Action View Help 💺 🗙 🕒 ? = • > 🚠 Imaging devices > Keyboards Mice and other pointing devices (III) Monitors > Intel(R) Ethernet Connection (2) I219-V TAP-Windows Adapter V9 VirtualBox Host-Only Ethernet Adapter WAN Miniport (IKEv2) WAN Miniport (IP) WAN Miniport (IPv6) WAN Miniport (L2TP) WAN Miniport (Network Monitor) WAN Miniport (PPPOE) WAN Miniport (PPTP) WAN Miniport (SSTP) Ports (COM & LPT) 🗒 ECP 프린터 포트(LPT1) Prolific USB-to-Serial Comm Port(COM4) ■ 통신 포트(COM1) > Print queues Processors Sensors Software devices

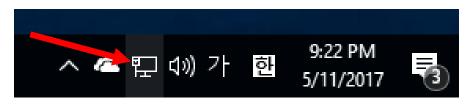
In the Ports(COM & LPT), In my case, my COM port is COM4.

If you don't know your COM port, You have to try all of the COM port. In this case, try COM1 and COM4.

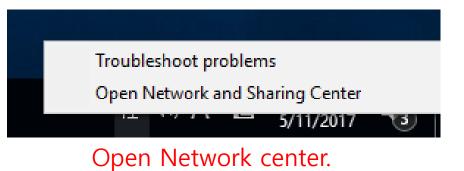


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MIII-S	V210	login	: ro	ot											
	_													=	
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								<b>7</b>		BE-SMI			<b>a</b> 1		

Turn SV210 on. Login user is root.



**Right Click** 





Control Panel Home

Change advanced sharing settings View your basic network information and set up connections

View your active networks	
네트워크	Access type: Internet
Public network	Connections: 🔋 이더넷
식별되지 않은 네트워크	Access type: Internet
Public network	Connections: 🚇 이더넷 2

Change your networking settings -

Set up a new connection or network

Set up a broadband, dial-up, or VPN connection; or set up a router or access point.

#### Troubleshoot problems

Diagnose and repair network problems, or get troubleshooting information.

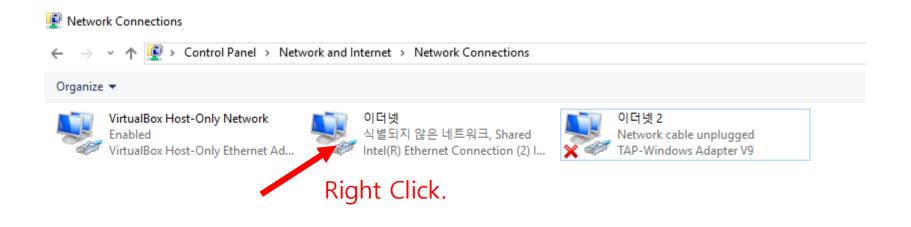
See also

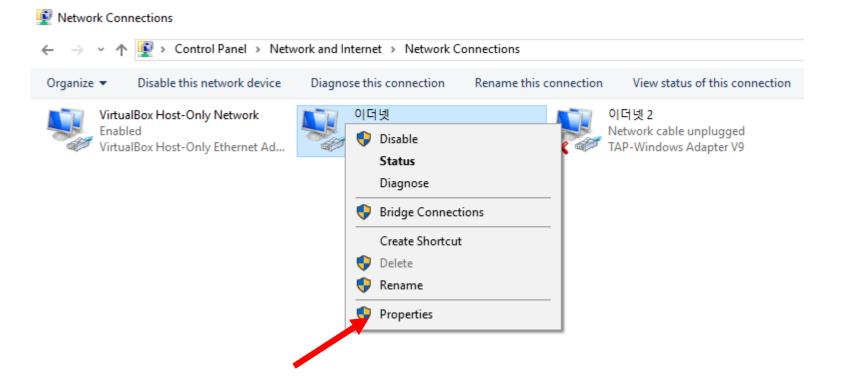
HomeGroup

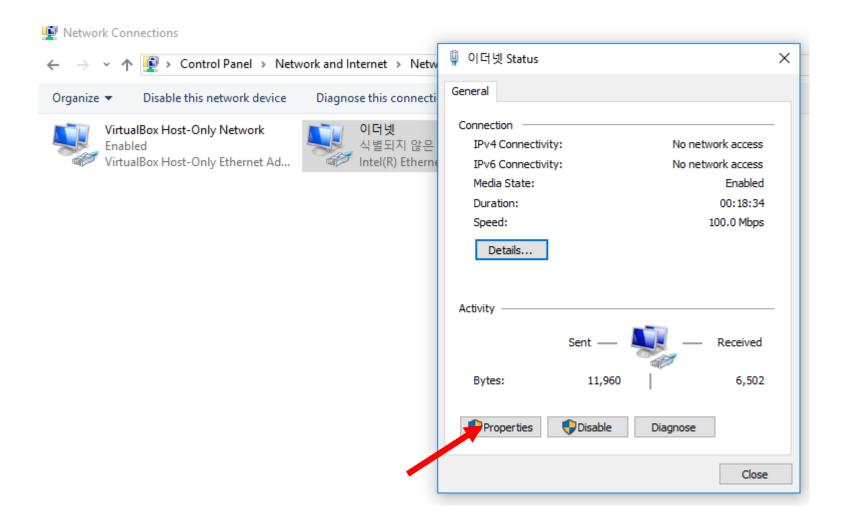
Infrared

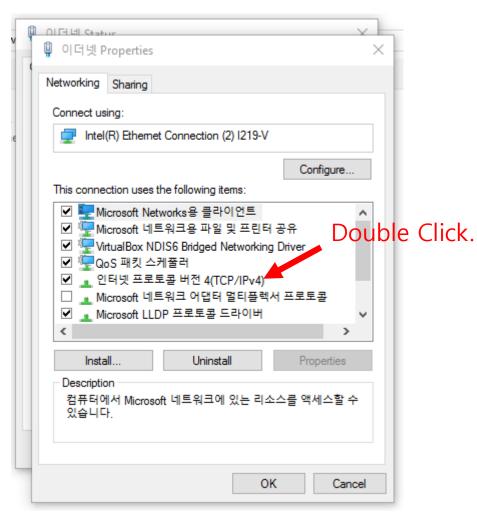
Internet Options

Windows Firewall

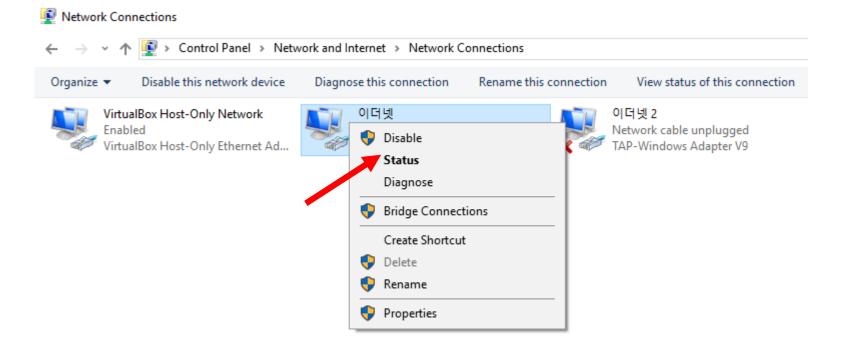


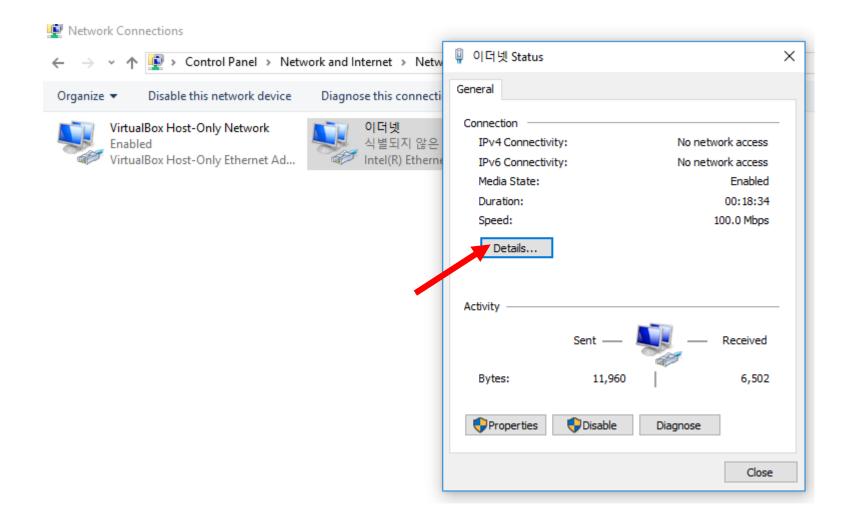


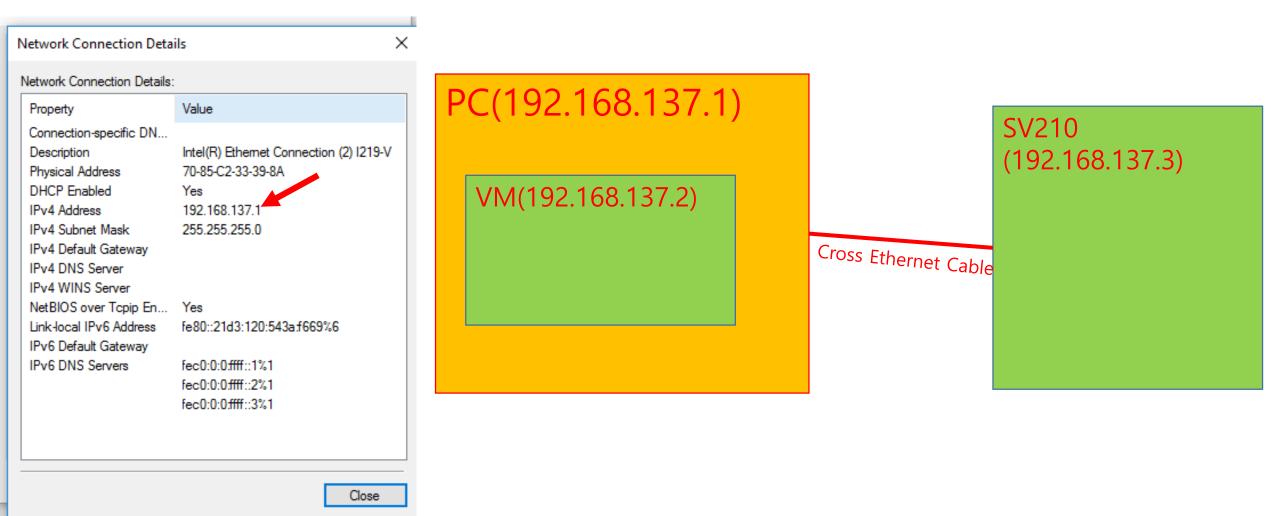




tw		
	· 이더넷 Properties	_
	인터넷 프로토콜 버전 4(TCP/IPv4) Properties ×	
은	General Alternate Configuration	
rne	You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.	
	Obtain an IP address automatically	
	Use the following IP address:	
	IP address:	
	Subnet mask:	
	Default gateway:	
	Obtain DNS server address automatically	
	O Use the following DNS server addresses:	
	Preferred DNS server:	
	Alternate DNS server:	
	Validate settings upon exit Advanced	
	OK Cancel	]







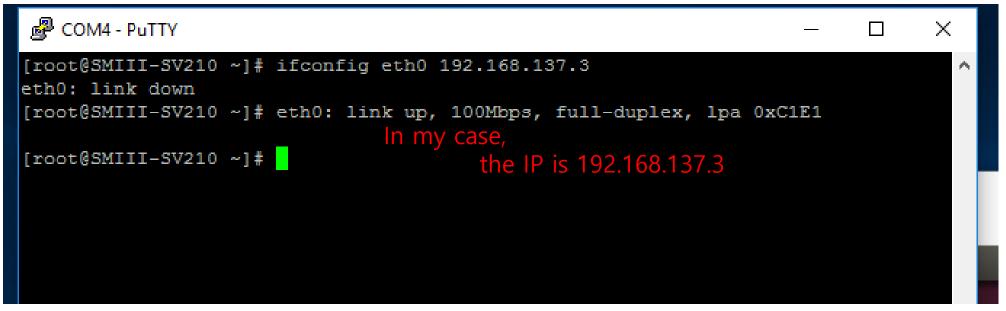
In the Ubuntu, Try the command. ifconfig eth0 @.@.@.@

😕 亘 💷 ubuntu@ubuntu-VirtualBox: ~

ubuntu@ubuntu-VirtualBox:~\$ sudo ifconfig eth0 192.168.137.2 ubuntu@ubuntu-VirtualBox:~\$

> my case, the IP is 192.168.137.2

#### In the Putty, Try the command. ifconfig eth0 @.@.@.@



In the Putty, Try the command. ping @.@.@.@

B COM4 - PuTTY —	×
[root@SMIII-SV210 ~] # ping 192.168.137.2 In my case,	$\sim$
PING 192.168.137.2 (192.168.137.2): 56 data bytes the IP is 192.168.137.2	
64 bytes from 192.168.137.2: seq=0 ttl=64 time=4.533 ms	
64 bytes from 192.168.137.2: seq=1 ttl=64 time=0.445 ms	
64 bytes from 192.168.137.2: seq=2 ttl=64 time=0.467 ms	
64 bytes from 192.168.137.2: seq=3 ttl=64 time=0.443 ms	
64 bytes from 192.168.137.2: seq=4 ttl=64 time=0.723 ms	
^C	
192.168.137.2 ping statistics	
5 packets transmitted, 5 packets received, 0% packet loss	
round-trip min/avg/max = 0.443/1.322/4.533 ms	
[root@SMIII-SV210 ~]#	

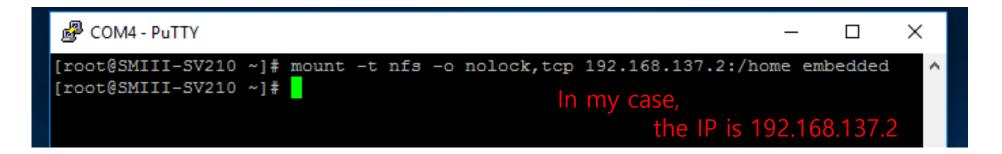
#### Mount nfs

In the Putty, Try the command. mkdir embedded

[root@SMIII-SV210 ~]# mkdir embedded [root@SMIII-SV210 ~]#		^

#### Mount nfs

In the Putty, Try the command. mount –t nfs –o nolock,tcp @.@.@.@:/home embedded



### Mount nfs

Done. You can see Ubuntu(VM) files in the embedded folder on SV210.

COM4 - PuTTY			_	$\times$
[root@SMIII-SV210 [root@SMIII-SV210	-			$\sim$
	embedded]# cd ubuntu			
[root@SMIII-SV210	ubuntu]# 1s			
		arm-2009q3.tar.bz2		
		examples.desktop		
[root@SMIII-SV210	ubuntu]#			