To more easily port your vhd files from home to school:

1. Configure your virtual server and your virtual workstation with two virtual network cards.
   In Microsoft Virtual PC – select the server (don’t start it), click on settings, click on networking, adjust the number of network adapters to 2 and select the appropriate adapter for each.
   Do the same for the workstation.

2. Bring up the virtual server and view the properties of My Network Places. You should see two network cards. To make it easy to manage, rename them: name one home and name one school (to rename, right-click/rename).
   Do the same for the workstation.

3. Configure the TCP/IP settings for each card as depicted in the below graphics. Configure the ‘home’ card with the settings displayed in the first graphic and configure the ‘school’ card with the settings displayed in the second graphic.

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**Home Configuration**

**Virtual Server:**
- **Network:** must match host’s network 192.168.1.0
- **IP Address:** 192.168.1.200
- **Subnet Mask:** 255.255.255.0
- **Gateway:** 192.168.1.1
- **DNS:**
  - Preferred: 192.168.1.200 (must be this server’s IP address)
  - Alternate: 4.2.2.1

**Virtual Workstation:**
- **IP Address:** Dynamic - obtain an IP address automatically
- **DNS:**
  - Use the following DNS server addresses:
  - Preferred: 192.168.1.200 (must match IP address of virtual server)
  - Alternate: 4.2.2.1

**Host IP Settings:**
- **Network:** 192.168.1.0
- **IP Address:** 192.168.1.100
- **Subnet Mask:** 255.255.255.0
- **Gateway:** 192.168.1.1

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4. After configuring the TCP/IP properties for all 4 cards (2 on the server and 2 on the workstation), create and configure hardware profiles on both the virtual server and the virtual workstation.

**Create Profiles:**
- Copy the existing profile (properties of my computer / hardware / hardware profiles) This will establish 2 profiles.
- Name one profile home and name the other profile school

**Configure Profiles using Device Manager:**
- Things you will need to know how to determine when configuring the profiles:
  - To determine which profile is current, view properties of my computer/ hardware / hardware profiles – this will show you which one is current.
To determine which network adapter in Device Manager corresponds to which network adapter in My Network Places: In Device Manager, expand Network Adapters – you should see two adapters. Display the “My Network Places” screen in detail view. Detail view will display the device name and you can match that up with the name displayed in Device Manager.

- Configure the home profile. Perform these steps on both the virtual server and the virtual workstation
  - Make sure the home profile is the current profile (if it’s not, reboot the virtual machine and select the profile from the hardware profile menu.)
  - In Device Manager, configure the home adapter (properties of adapter) to *Use this Device (enable)*
  - In Device Manager, configure the school adapter to *not use this device in the current profile (disable).*

- Configure the school profile. Perform these steps on both the virtual server and the virtual workstation
  - Make sure the school profile is the current profile (if it’s not, reboot the virtual machine and select the profile from the hardware profile menu.)
  - In Device Manager, configure the school adapter (properties of adapter) to *Use this Device (enable)*
  - In Device Manager, configure the home adapter to *not use this device in the current profile (disable).*

To Use the Profiles – simply boot the virtual machine and choose the hardware profile that corresponds with your location!

Note: To ensure the workstation configuration works as it should, you should boot the workstation after the server is up. This will ensure that the DNS settings (which are critical to Active Directory) are appropriately configured.