

Correct printer installation with the use of ViPNet virtual IP addresses

Starting situation:

At location A a printer is connected to the computer (A) and set up as shared printer. In addition, the computer is connected to the internet (the type of the connection does not matter).

At location B another computer (B) needs to print out something on the printer, connected to the computer (A) at location A.

Both computers have ViPNet software installed and the printer needs to be set up as a regular network printer on computer (B).

Necessary setting on Computer B (no changes need to be made on computer A):

1. Open the ViPNet[Monitor]-window and select *Advanced settings* in the option tree and deselect the option *Hide IP addresses in Private Network window* to be able to view the virtual IP addresses of all VPN network nodes in the *Private Network* screen.
2. Select Computer (A) from the list in the *Private Network* screen and make sure, that the option *Use virtual IP addresses* inside the *IP addresses* register is enabled. (If this option is greyed out, you should contact your system administrator or our technical support.) Remember the virtual IP address, which is shown in this screen (if there are more than one, remember only the topmost). Virtual IP addresses usually start with "11" and look similar to *11.0.0.15*.
3. Switch to the *Common* register and remember the computer name of computer (A).
4. Open the file `%systemroot%\system32\drivers\etc\hosts` with a text-editor and add the following line:
`[Virtual IP address of computer A][Tabulator][Name of computer A]`
 Following is an example how this might look like:
`11.0.0.15 pc15`
5. Make sure, that the computer name is resolved correctly by pressing *Start -> Run* and entering "cmd" which should be followed by a `ping [computername]`. Proceed to step 6 if you receive an answer from computer A; otherwise you should check your internet connection, and make sure that you entered the correct IP address and computername.
6. Start the Printer Installation Wizard and select the option "Networkprinter or printer, which is connected to a different computer" -> "Next" -> "Create connection for the following printer". Enter the following line into the corresponding field:
`\\[computername]\[printername]`
 In our example this line would look like this: `\\pc15\Printer`
7. Click on "Next" and wait for the drivers to transfer from computer A to computer B; this can take substantial time (up to 20 minutes sometimes) and is mostly dependant on your internet connection. Finish the wizard as usual.