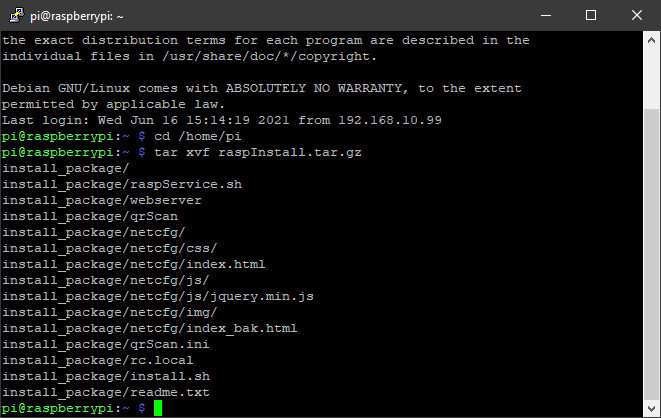
# Installation

Copied „raspInstall.tar.gz“ to /home/pi

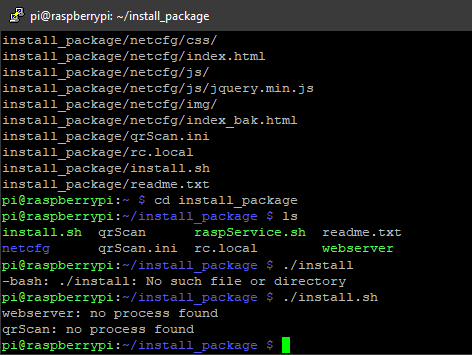
Execute this shell commands in folder /home/pi:

tar xvf raspInstall.tar.gz



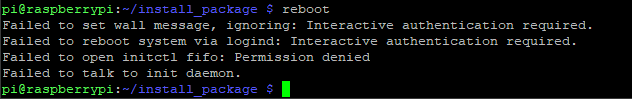
cd install\_package

./install.sh (there is a mistake in your readme.txt, the file extension .sh is not mentioned)



Plug in both Code/RFID readers. Then reboot:

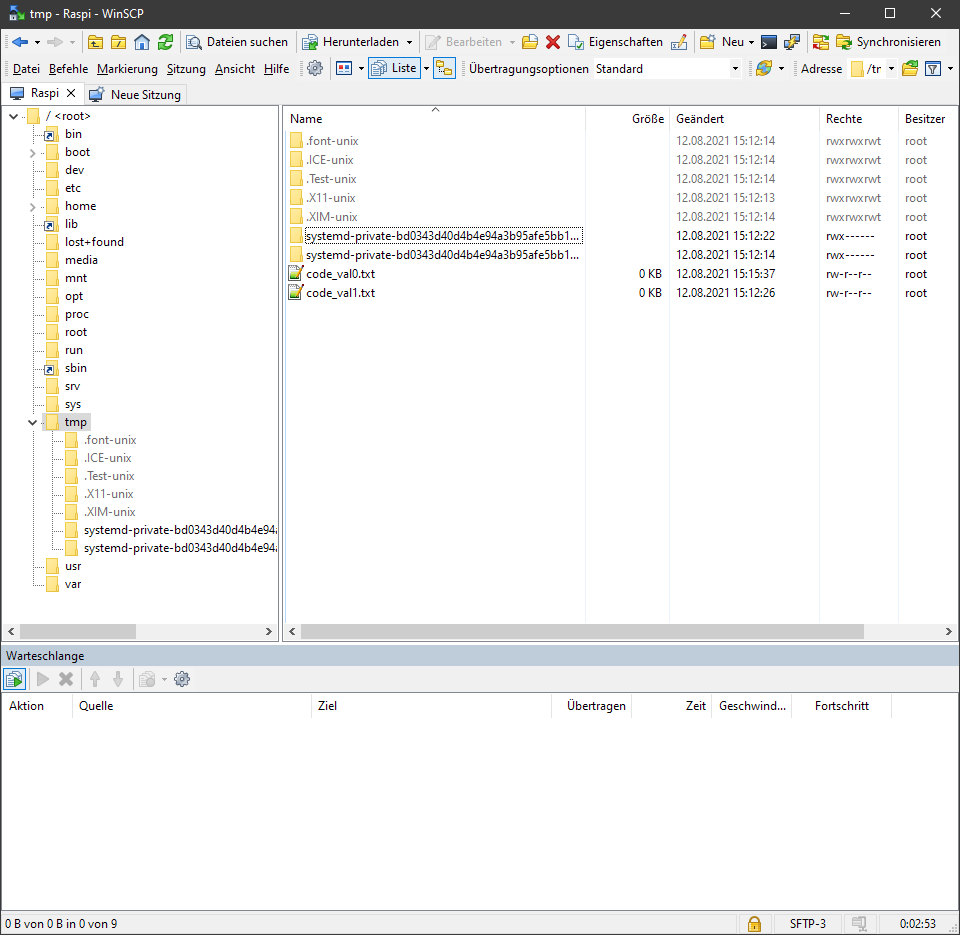
sudo reboot (reboot will not work in the console with standard user rights)



Recording of all directories + files on the Raspi: sudo tree -a -u -g > /home/pi/tree\_all.txt

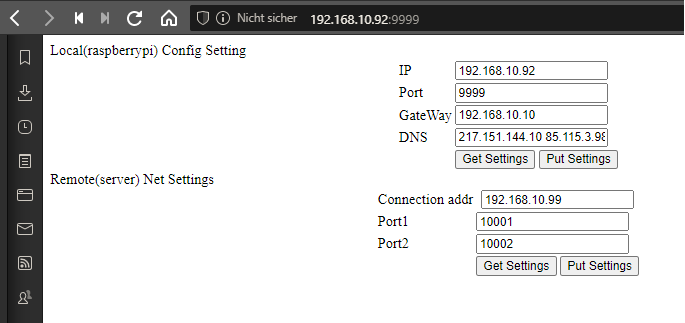
# After Reboot

In folder /tmp there are two new folders and two new files. The date/time information of the folder gets updated every time a Code/RFID is read. The file size is always zero.



Now use [Get Settings] to get the current settings shown in the web interface.

Then I configure the web interface to send data to my PC at the fixed IP address and two different ports. Confirmed this with [Put Settings].

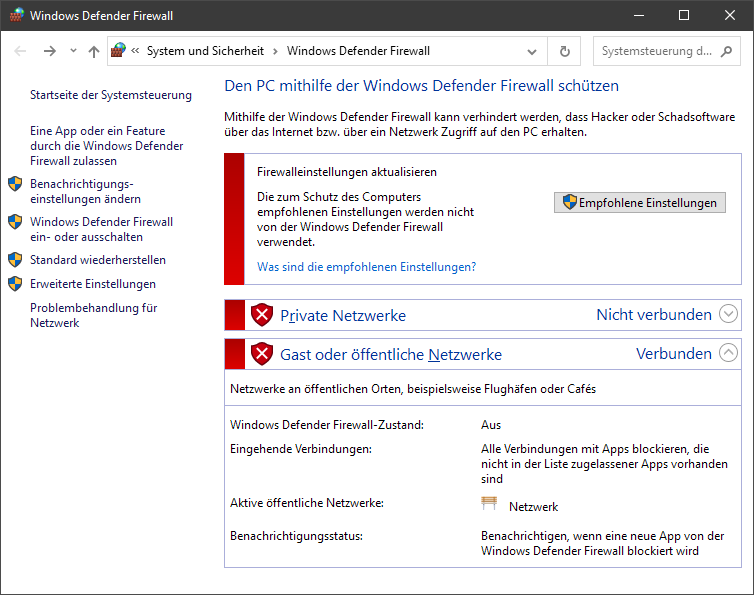


Then again reboot to be on the safe side.

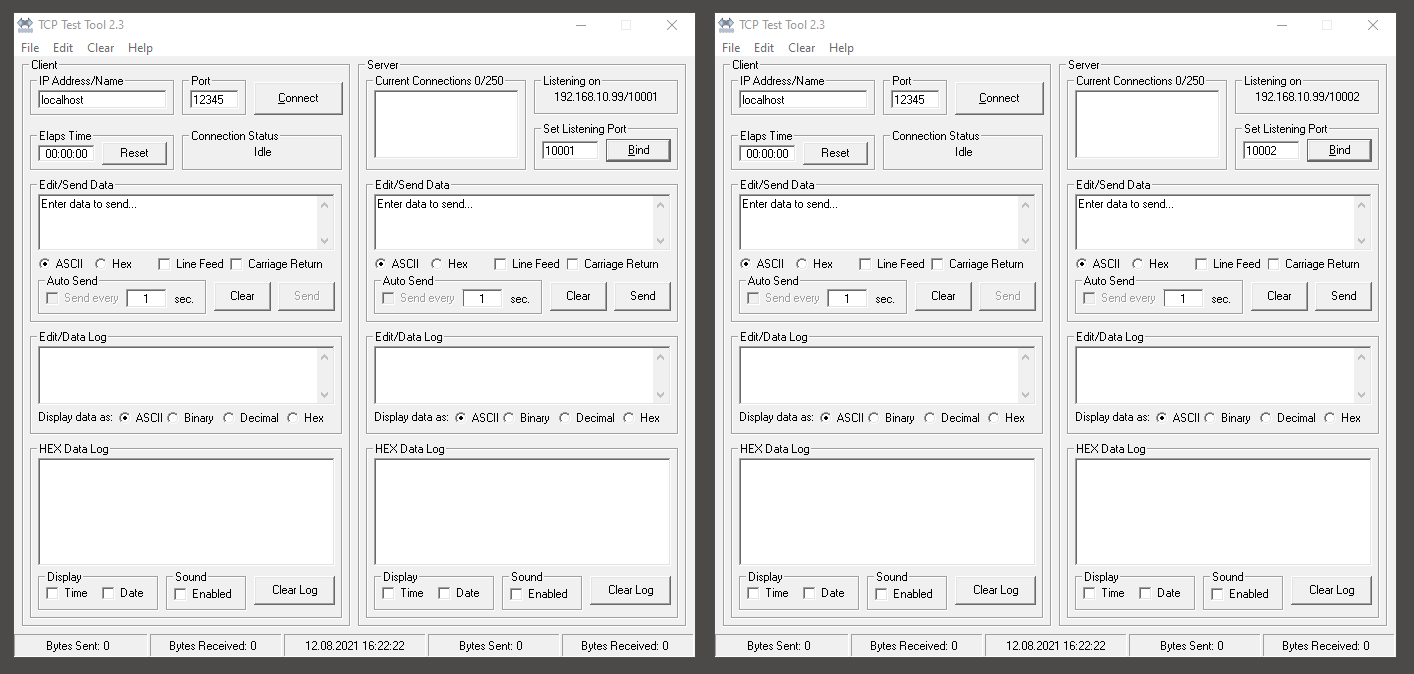
# Show Incoming Data

## Preparation

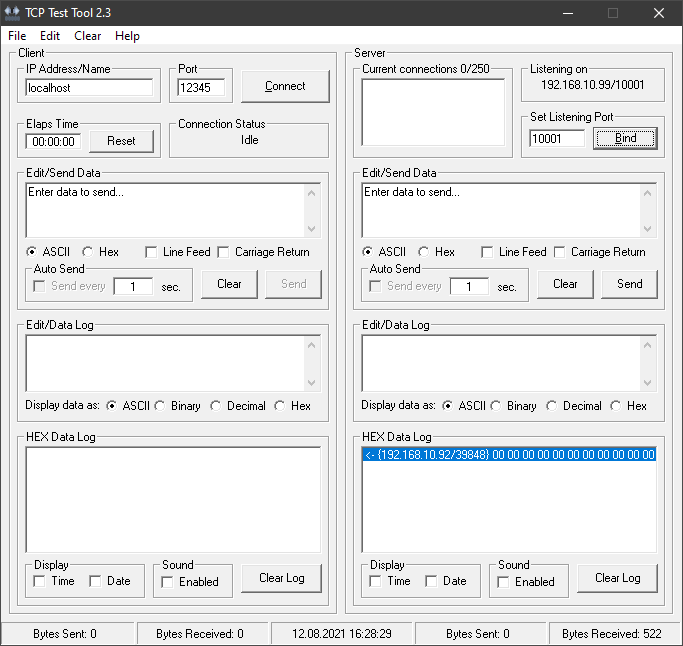
I shut off the Windows firewall to be sure that no incoming IP packets are filtered out and all software can receive incoming IP packets.



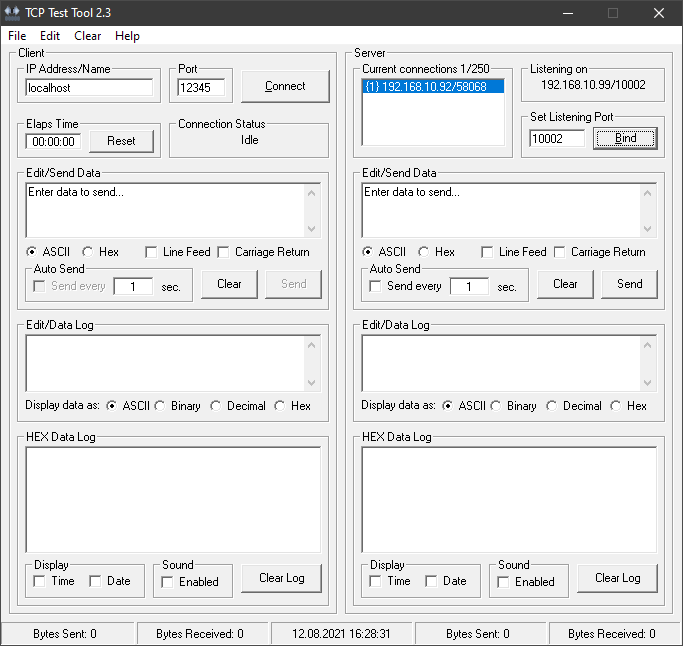
Now I start two TCP Test Tools and bind one of the ports to them:



After a few minutes of placing Codes/RFID onto the readers, I see only this on Port 10001:

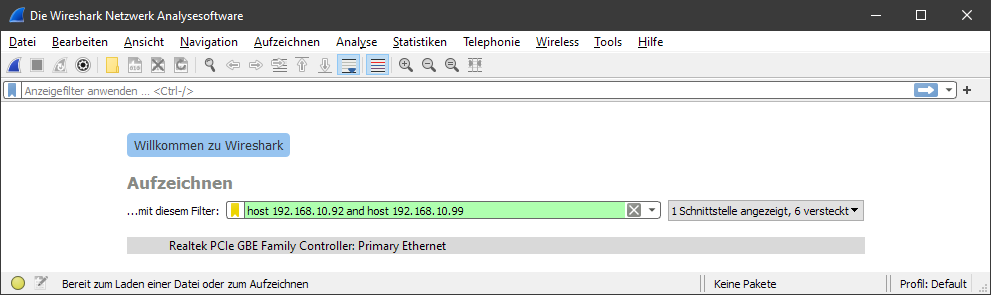


After a few minutes of placing Codes/RFID onto the readers, I see only this on Port 10002:

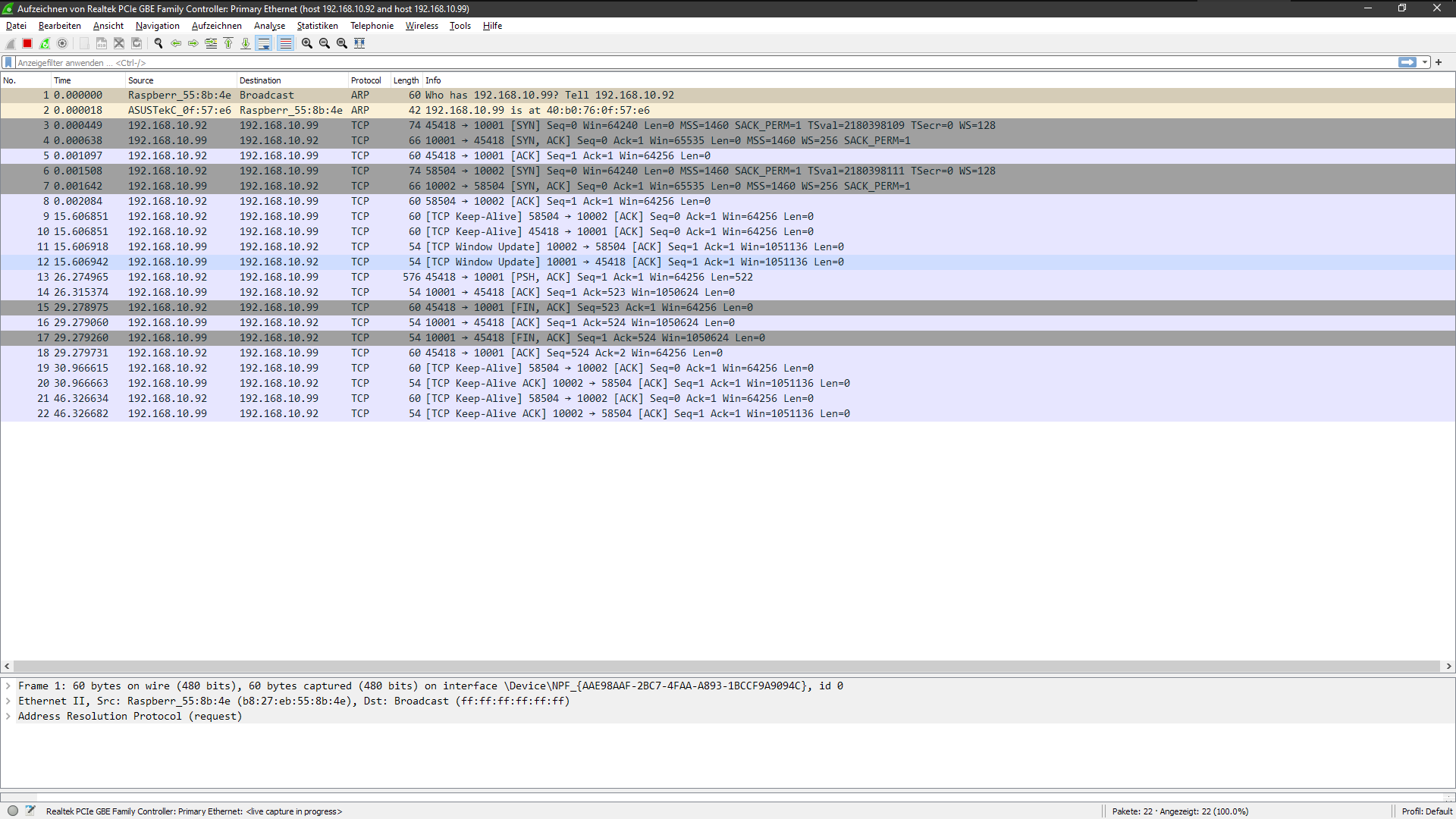


# Recording with Wireshark

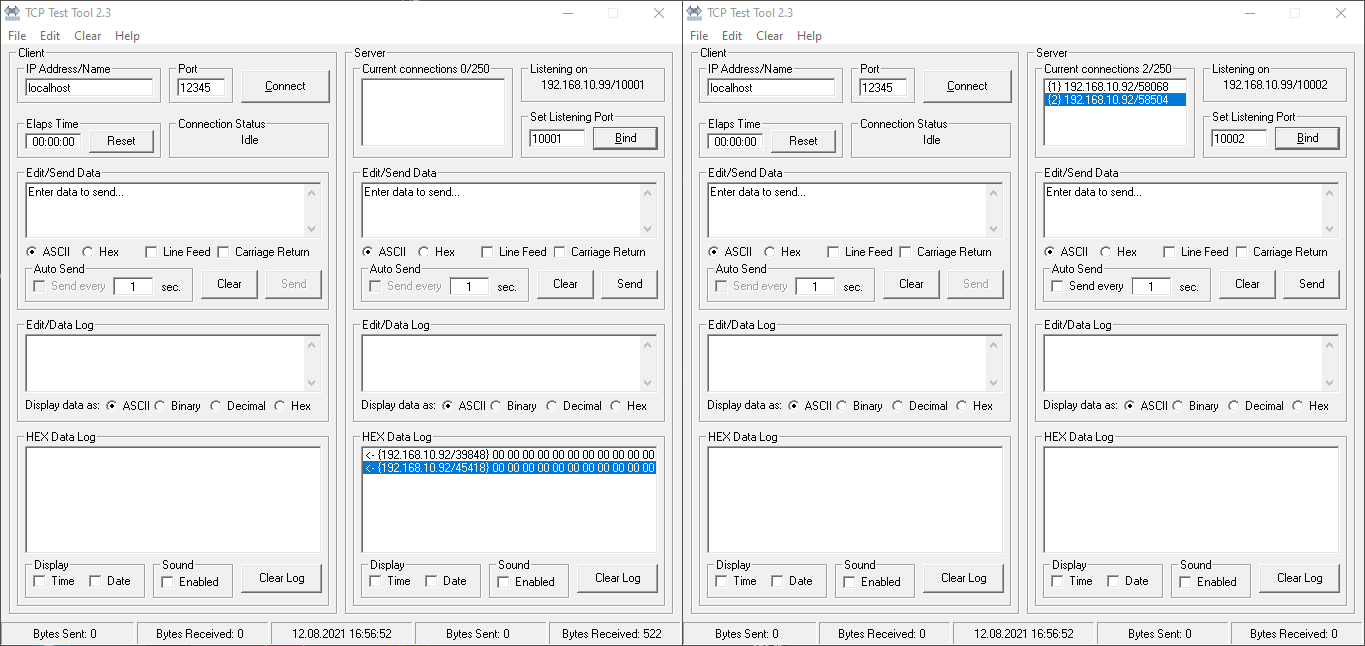
Is this filter setting correct to see only the communication between the ID Control and my PC?



The first telegram appears 30 seconds after coldboot



And this is what you see in the TCP Test Tools:



The left one received incoming zeros, the other one lists incoming connections. Or is this a bug in the TCP Test Tool?

<https://www.tcpdump.org/manpages/pcap-filter.7.html>