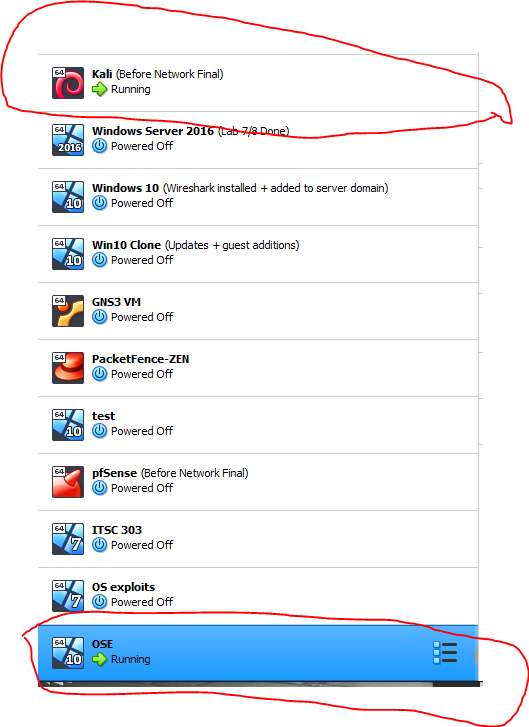
**Wireless Lab 2**

**Password Sniffing**

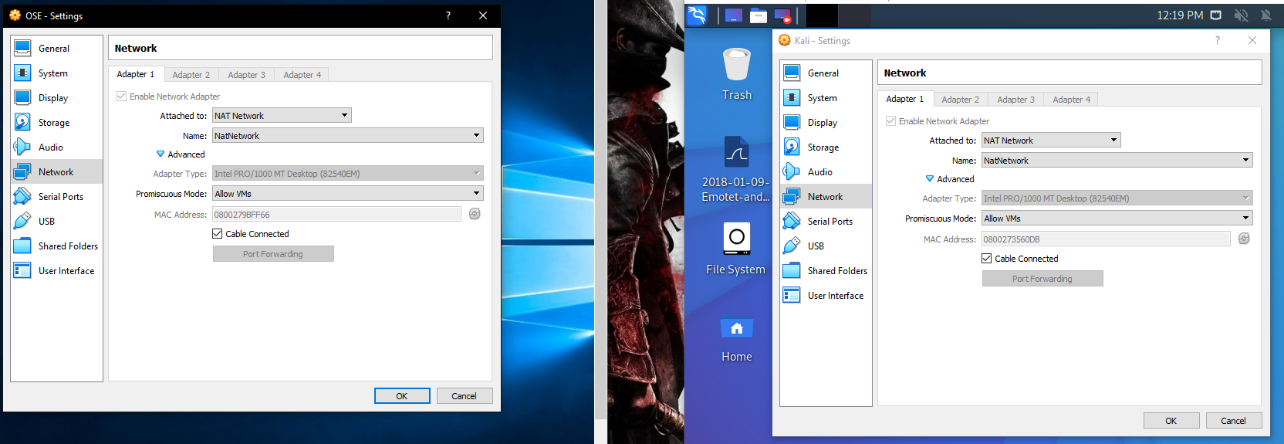
Coleton Sanheim

2022-01-21

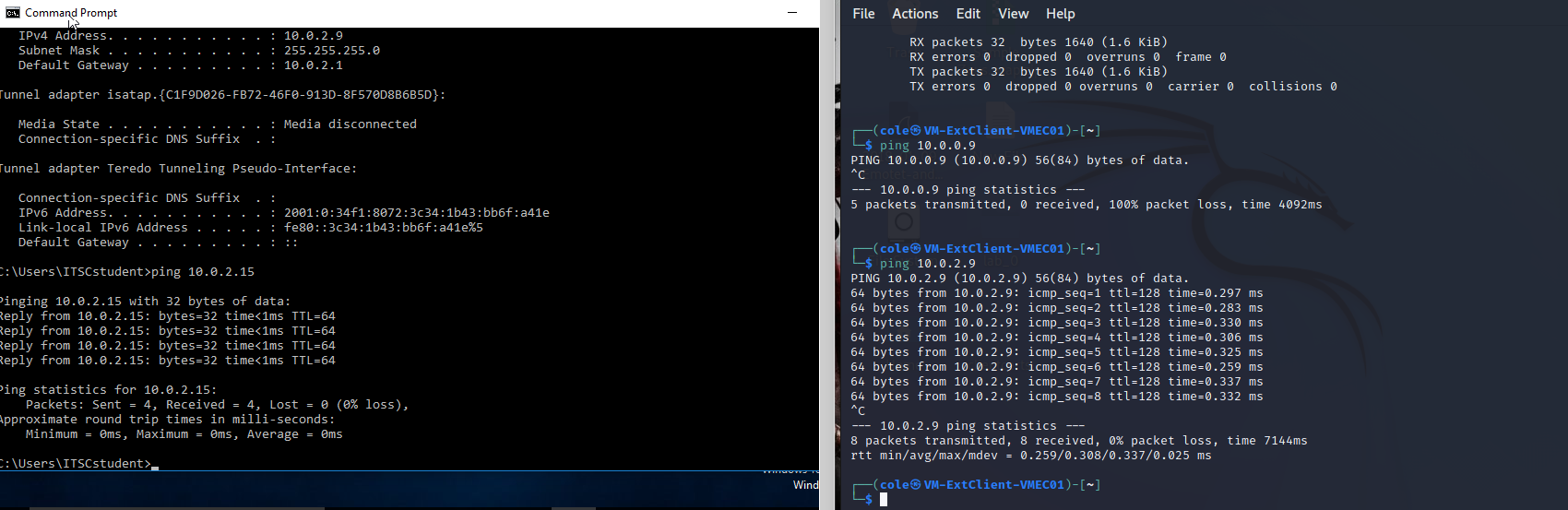
Both kali and win10 are installed as vm’s and running



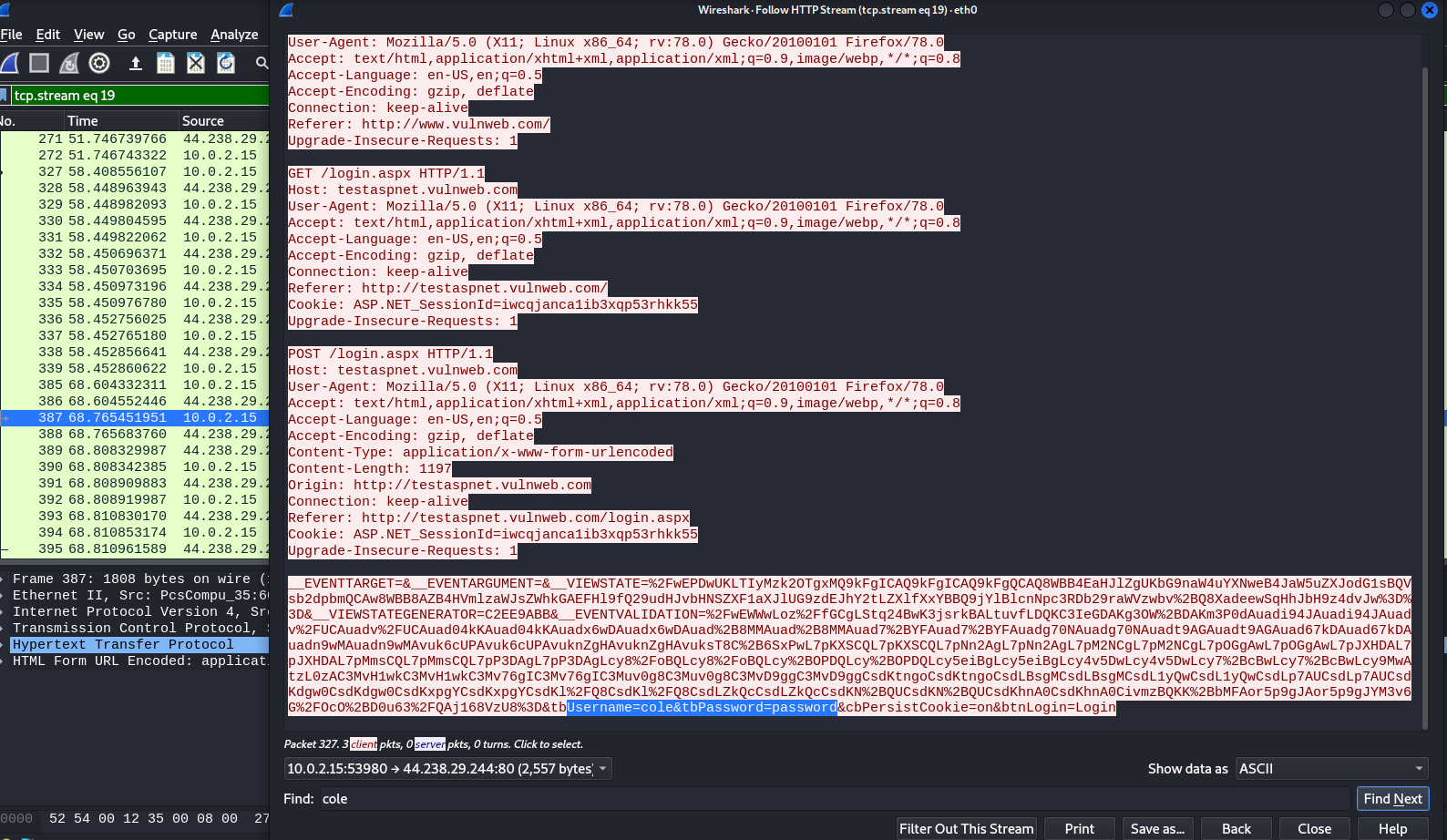
Here is the network settings I used to connect the two vms



And this is the ping results from both machines, showing that they can communicate with each other

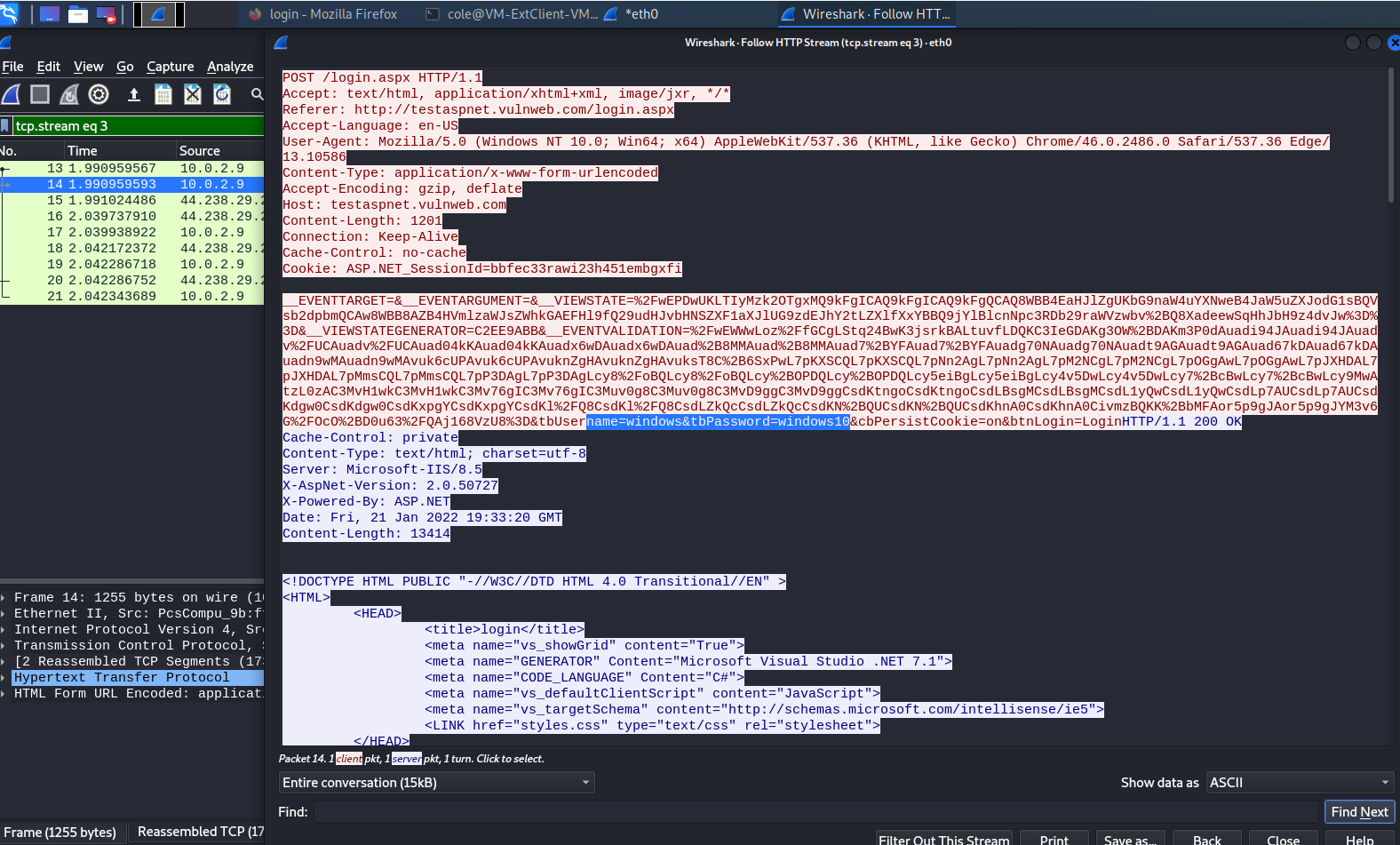


Part 1:



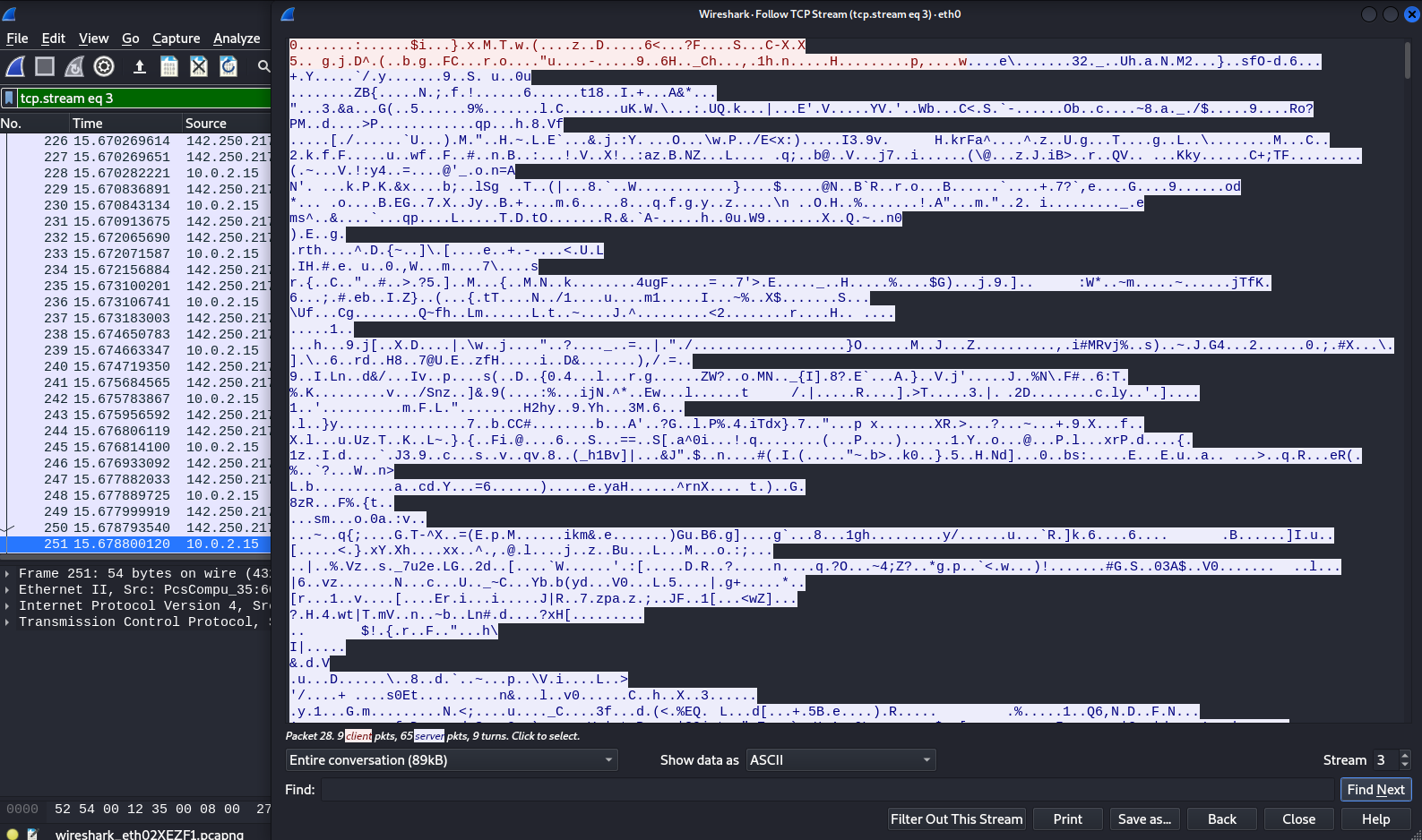
I went to the vulnerable website on the kali machine and started capturing, I put in the credentials Name = Cole and Password = password. I then stopped capturing and followed the HTTP stream where I found the username and password I had entered (highlighted)

Part 2:



This time I started capturing on the kali machine then went to the vulnerable website on the windows 10 machine and put in the credentials name = windows and password = windows10. I then again followed the HTTP stream and found the username and password (highlighted)

Part 3:



After capturing the traffic while attempting to login to my google account, I was unable to find the username and password I entered.

The first thing I noticed was that there were no HTTP packets, only TCP and TLSv1.2 and when looking in the packets they were all encrypted, no useful information to be found.