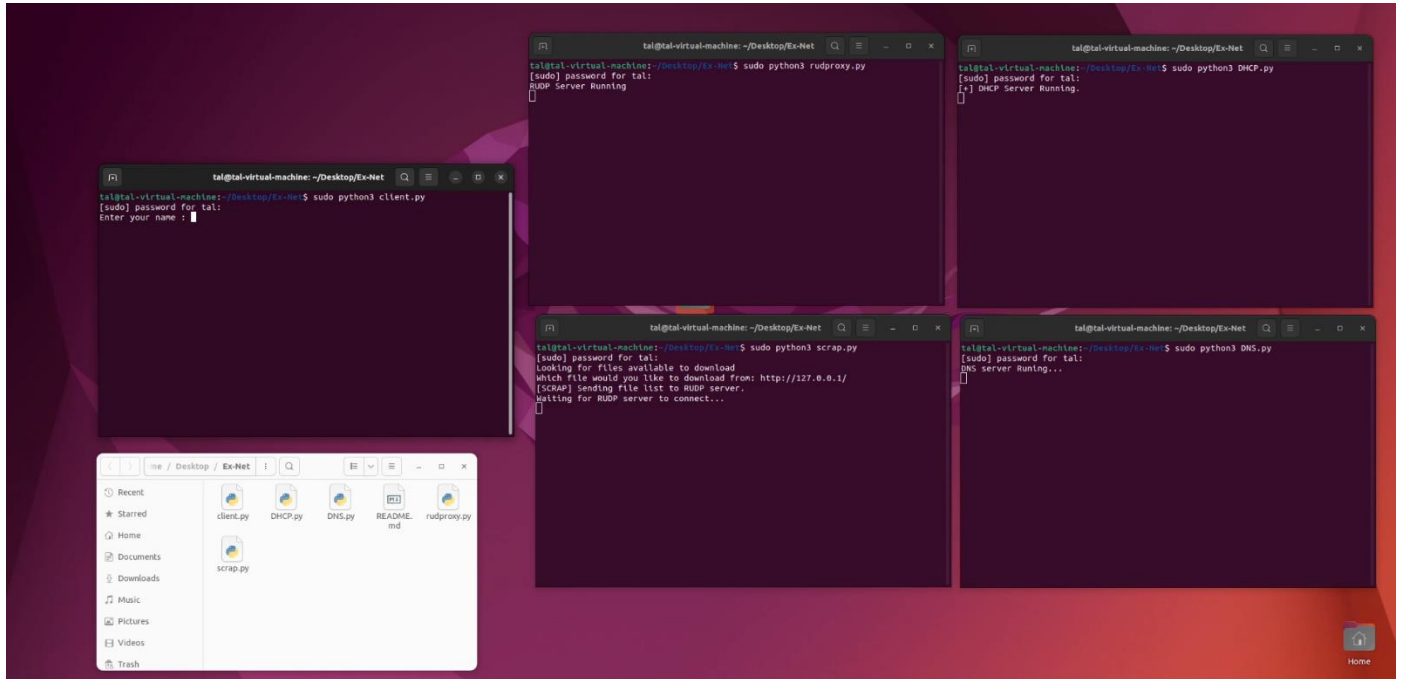
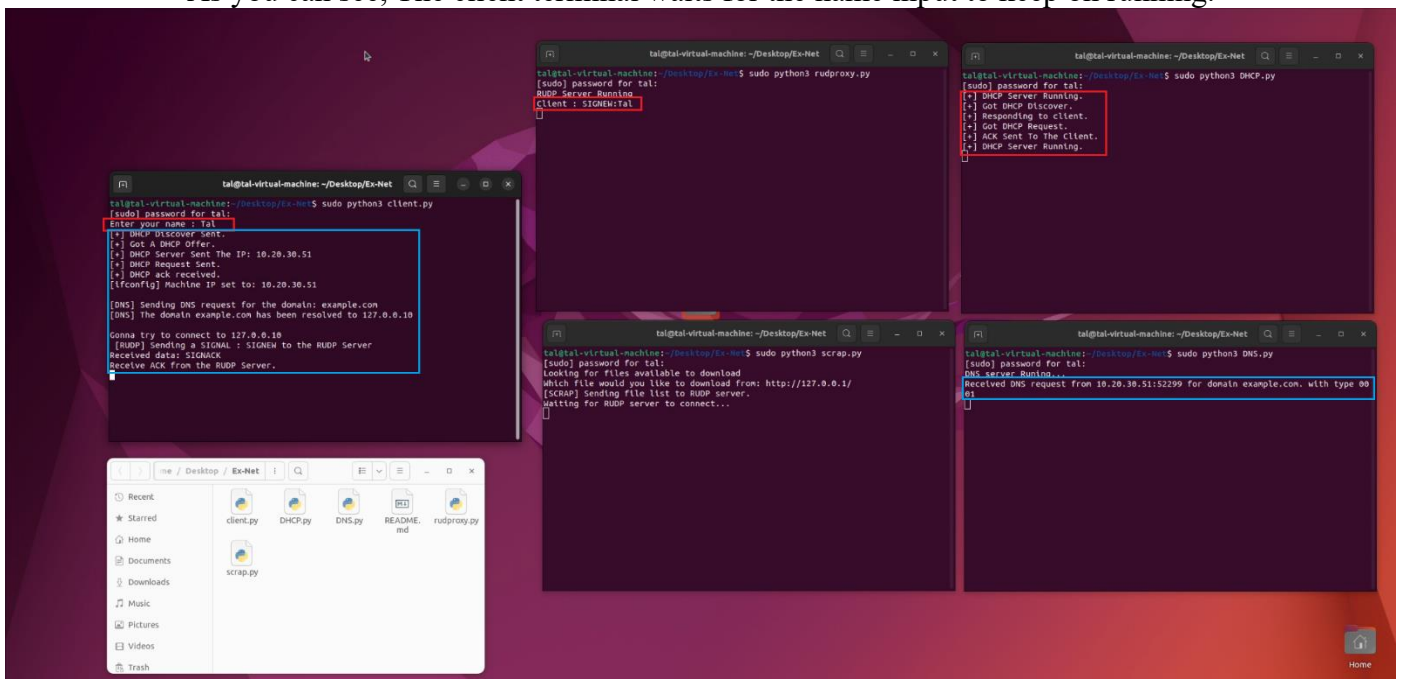


Pictures & Process Explanation

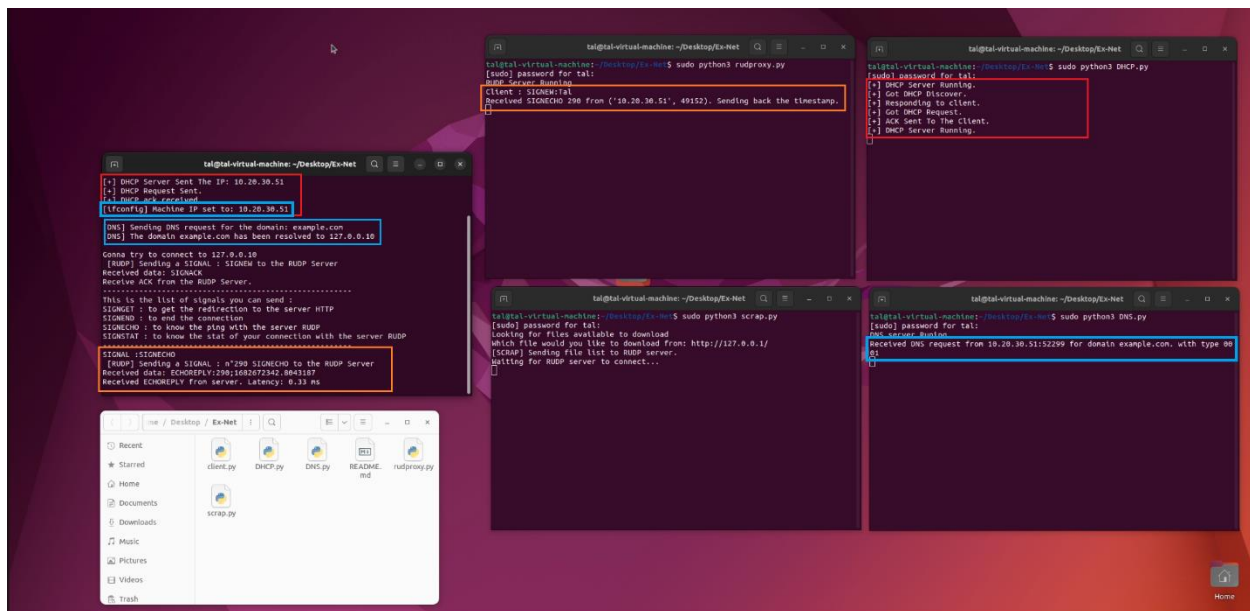
First, we would like to get all the terminals up and ready.



As you can see, The client terminal waits for the name input to keep on running.



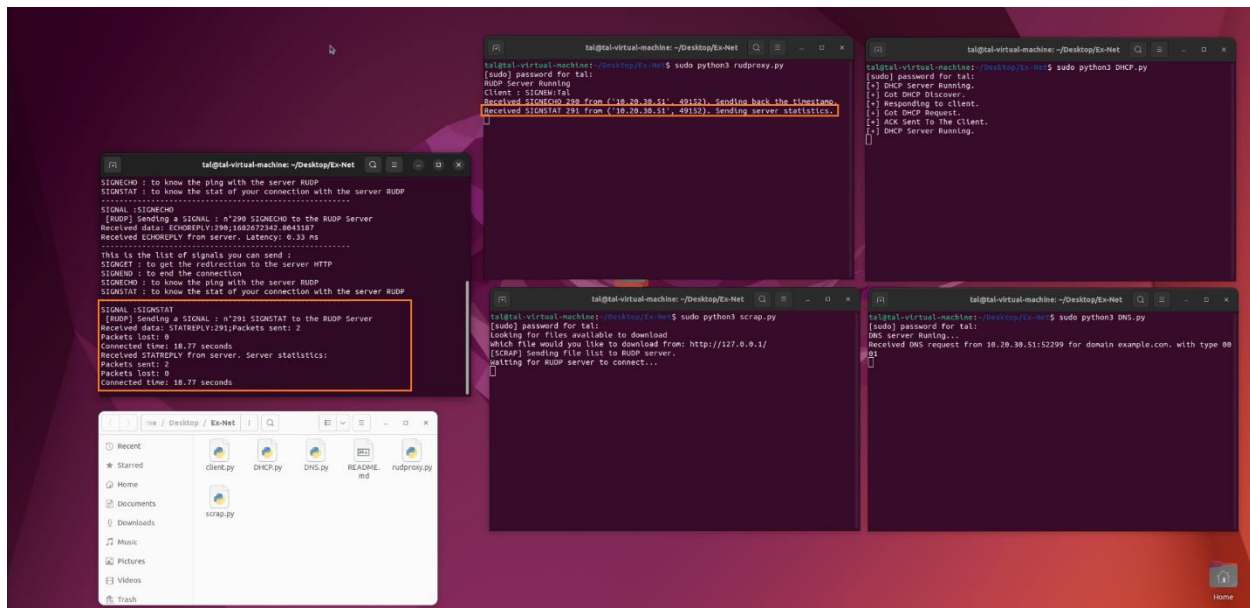
Right after the name input we can see a direct communication with the DHCP, RUDP and DNS Servers.



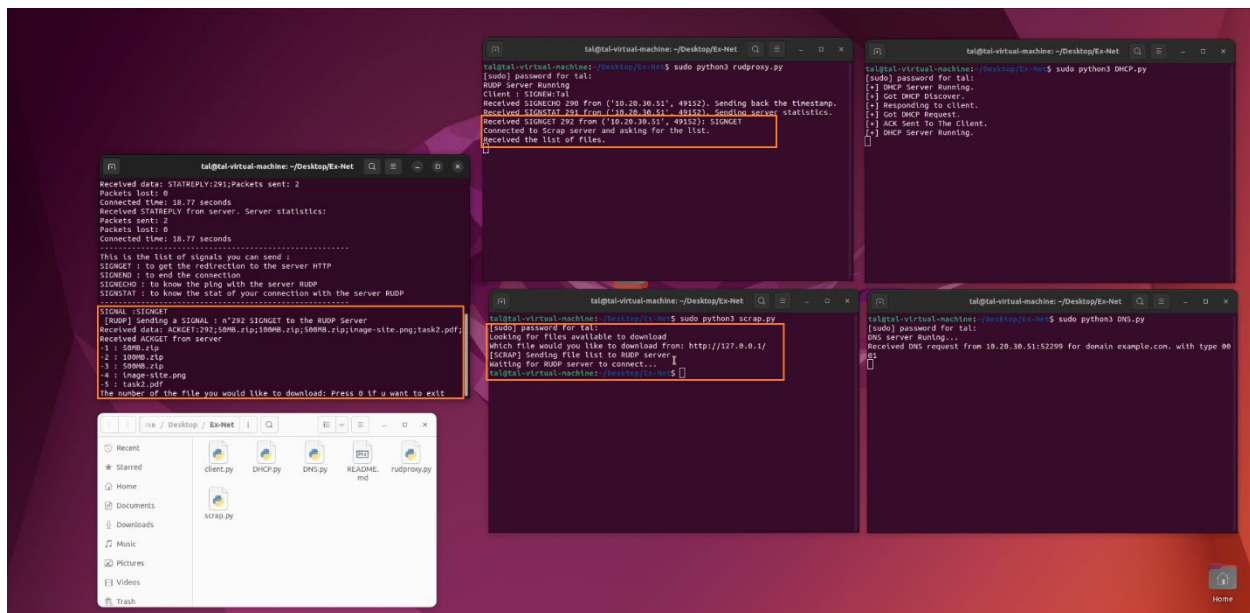
And that will be the full present the full picture a few moments after plus the information when the Client notifies the RUDP server to perform a latency test between them.

Plus as you can see the communication between the Client and the DNS under [ifconfig] when the Client is truly under the IP that the DHCP offered him.

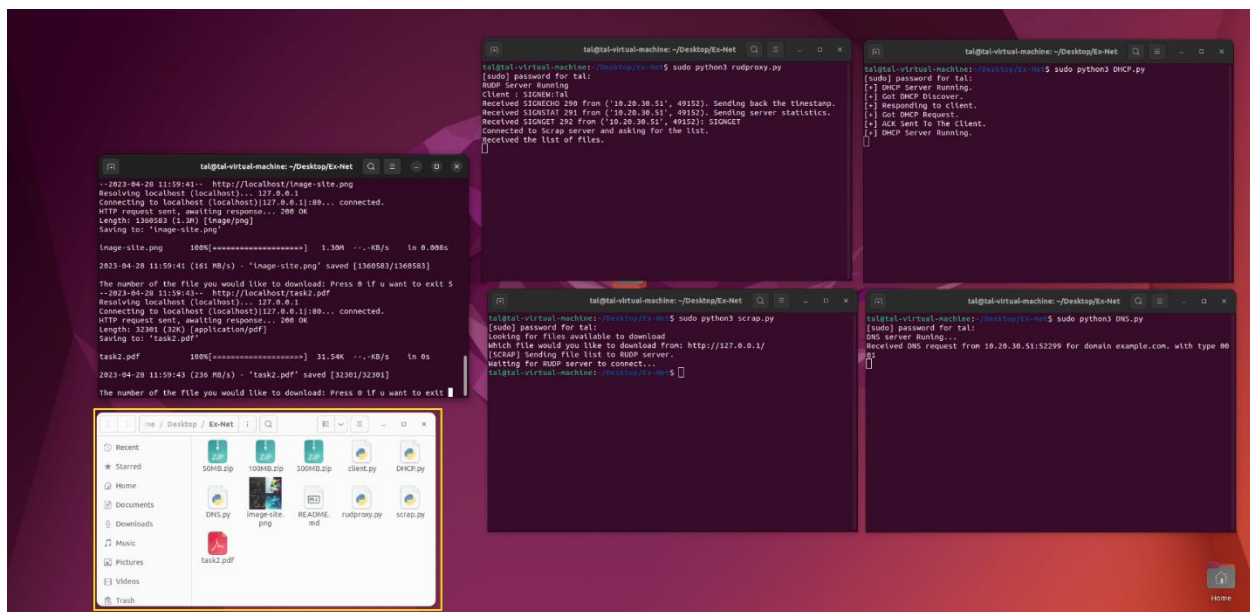
(DHCP, RUDP, DNS, ifconfig)



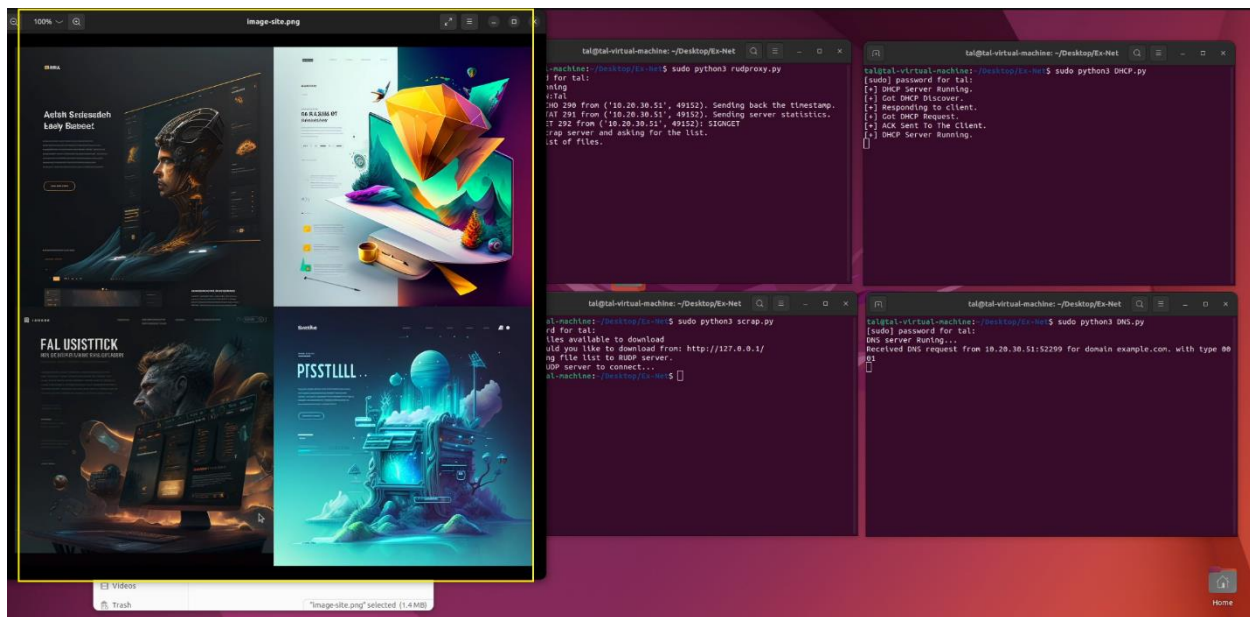
The Client notifies the RUDP server to perform a full connection test including packet loss information. (Orange)



In this case as we can see the Client notifies the RUDP Server to communicate with the Download server and to pull the list of downloadable files. (Orange)

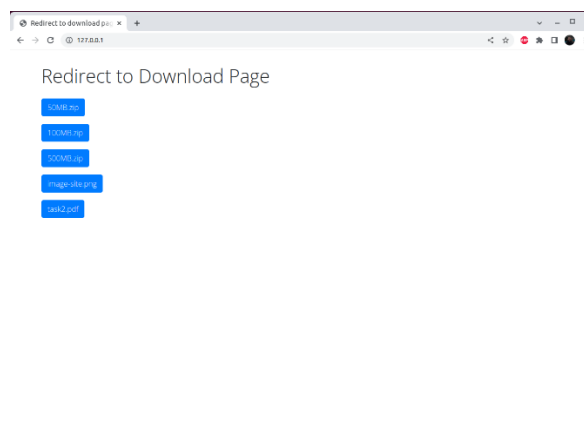


In this picture we are showing that the files have been downloaded successfully. (Yellow)



This picture will show you that the files are valid and not corrupted.

Thanks to Midjourney 😊.



This is the website that holds the files and the actual page we used to scrap the data from.

We added a full YouTube video to showcase our project:

<https://youtube.com/watch?v=is2kWKgyeng>

