Name: Truc Ho Nguyen

NetID: thv20002

Section: 8

VM IP Address: 172.16.49.54

1. To connect to the submit.edu server, I used the “Tunneling” option on MobaXterm. For my forwarded port, I used 2222. For the SSH server, I used port 22 and the IP address given to me on HuskyCT which was 172.16.49.54. For the remote server, I used port 80 and the server’s IP address which was 172.16.48.8.

2. To set up the SSH client, I used the “Session” and “SSH” option on MobaXterm. For my remote host IP, I used the IP address given to me on HuskyCT which was 172.16.49.54, then logged in with the information given by the lab instructor.

3. To find the answer for 3A, I changed my directory to Lab0 using the cd command and listed the directory’s contents using the ls command, then found the file (Q3.93038). To find the answer for 3B, I used the ls -l command which shows the size of the directory’s files (887 bytes).

4. To find the answer for 4, I double-clicked the passwords file in the SSH browser, which opened the contents in MobaTextEditor. From there, I used CTRL + F and searched for the corresponding password to user-id U44444 (P37401).

5. To find the answer for 5, I Googled a chmod command that could change the permissions of a file. I used the chmod ugo+rwx Q5 command which gives read, write, and execute permissions to everyone. Then, I opened the file in MobaTextEditor and read the contents (V25478).

6. To find the answer for 6, I used the grep ‘^U6.\*Y’ Passwords.txt command, which searches Passwords.txt for a user that starts with U6 and ends with Y (U68348Y).

7. To find the answer for 7, I used the same command from 5 to change Q7.py’s permissions. Then, I used the command python3 Q7.py, which printed a string (S519527653278988211048).