

Digital Forensics

Assignment 6 – Wireshark

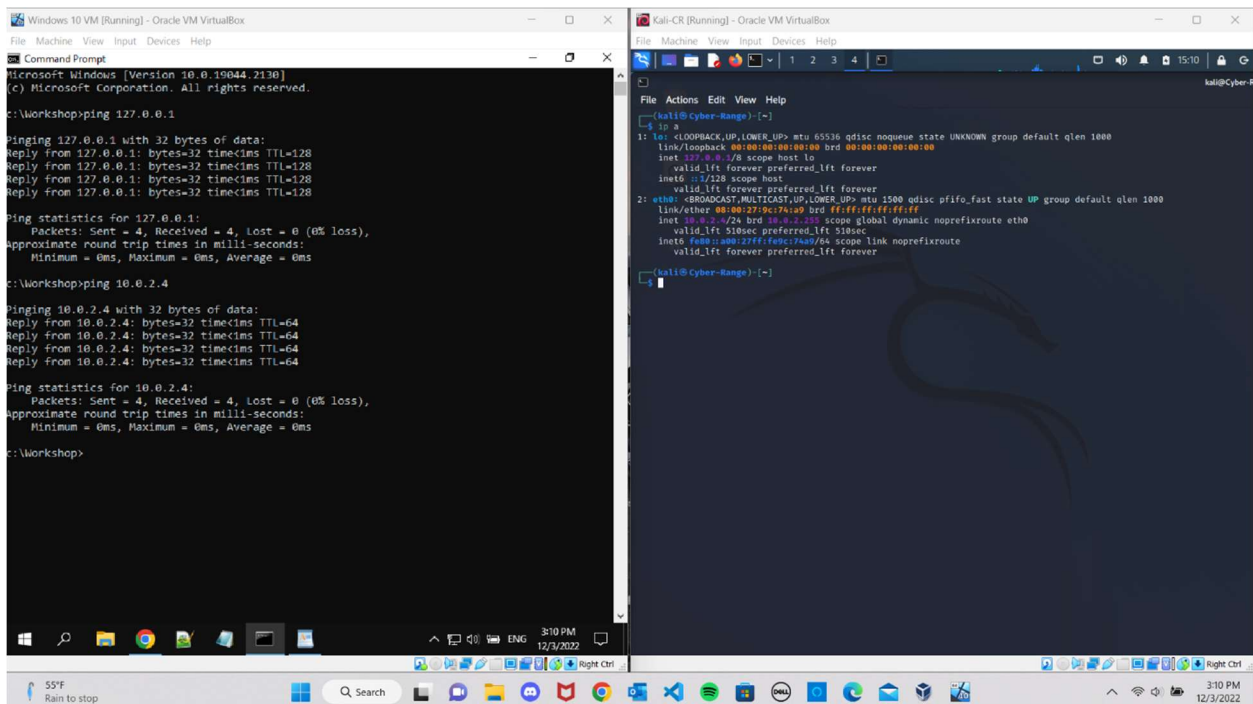
10 points

Kush Patel

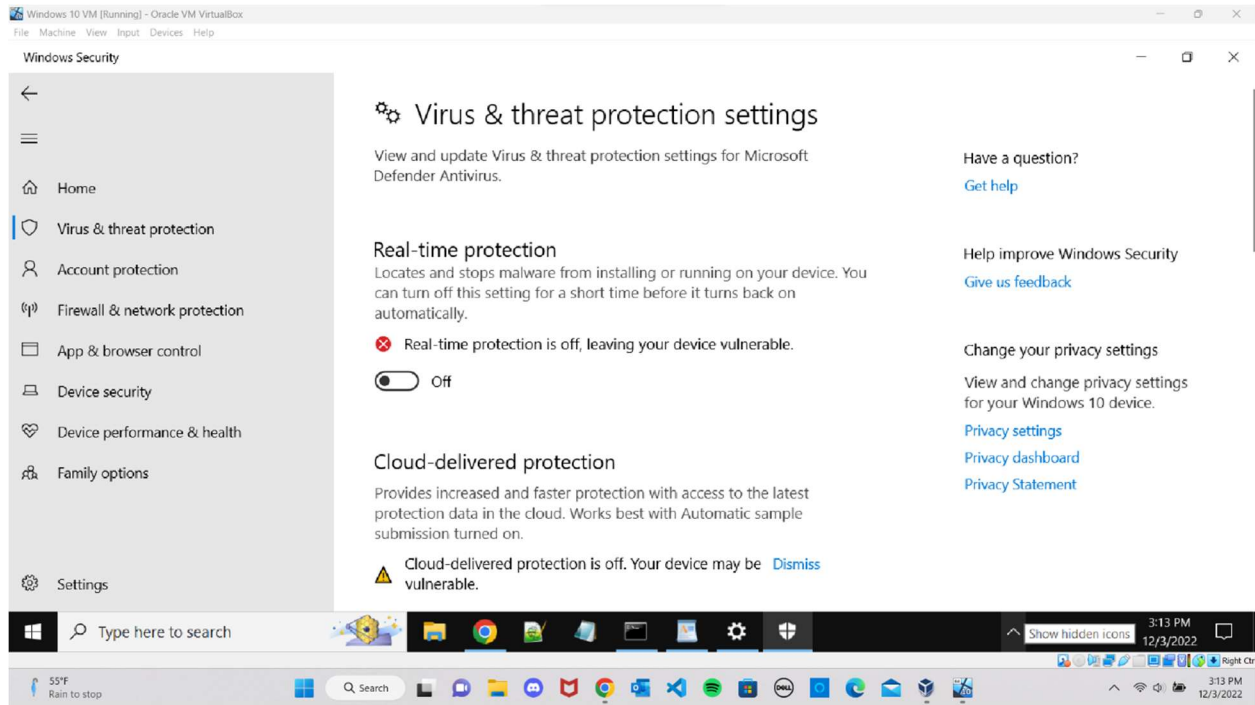
QUESTIONS

- Please note this assignment will count 5 points toward your final grade.
- Watch [this video](#) first.

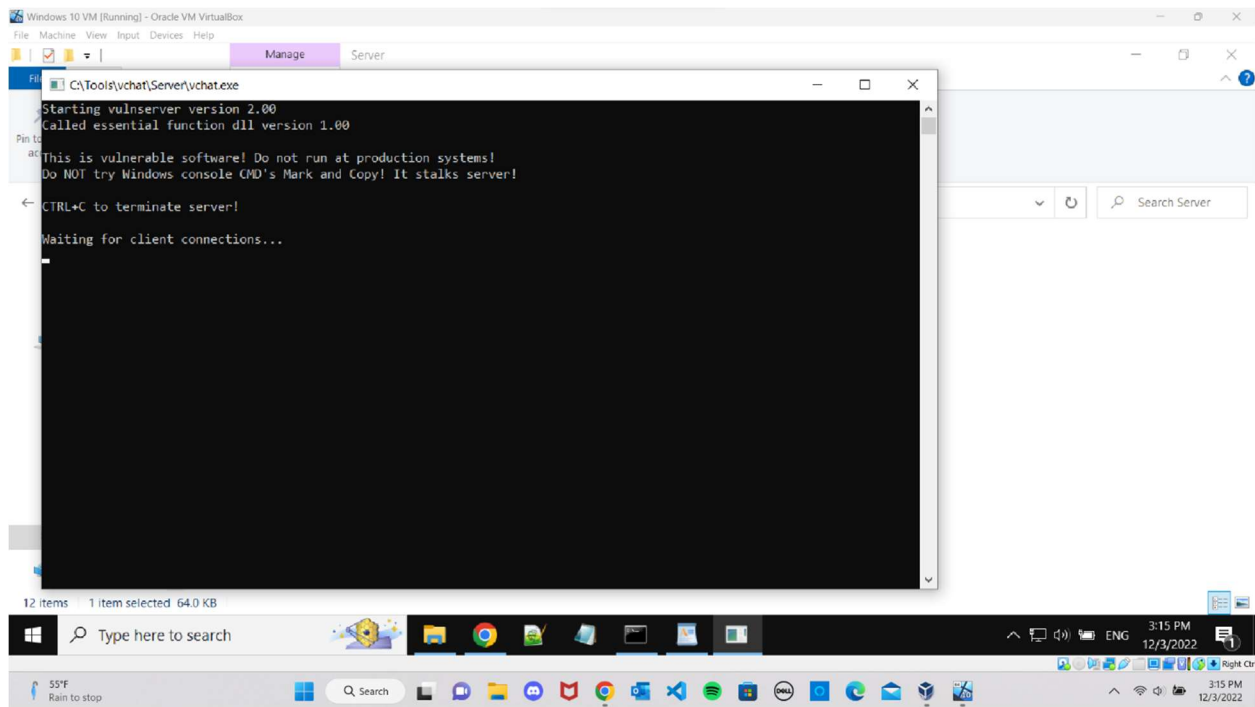
1. Make sure Windows VM and Kali VM have different IP addresses, and Windows VM can ping Kali VM. It is recommended that [NAT Network](#) (not *NAT*) shall be used. Provide a screenshot that Windows VM can ping Kali VM. (1 point)



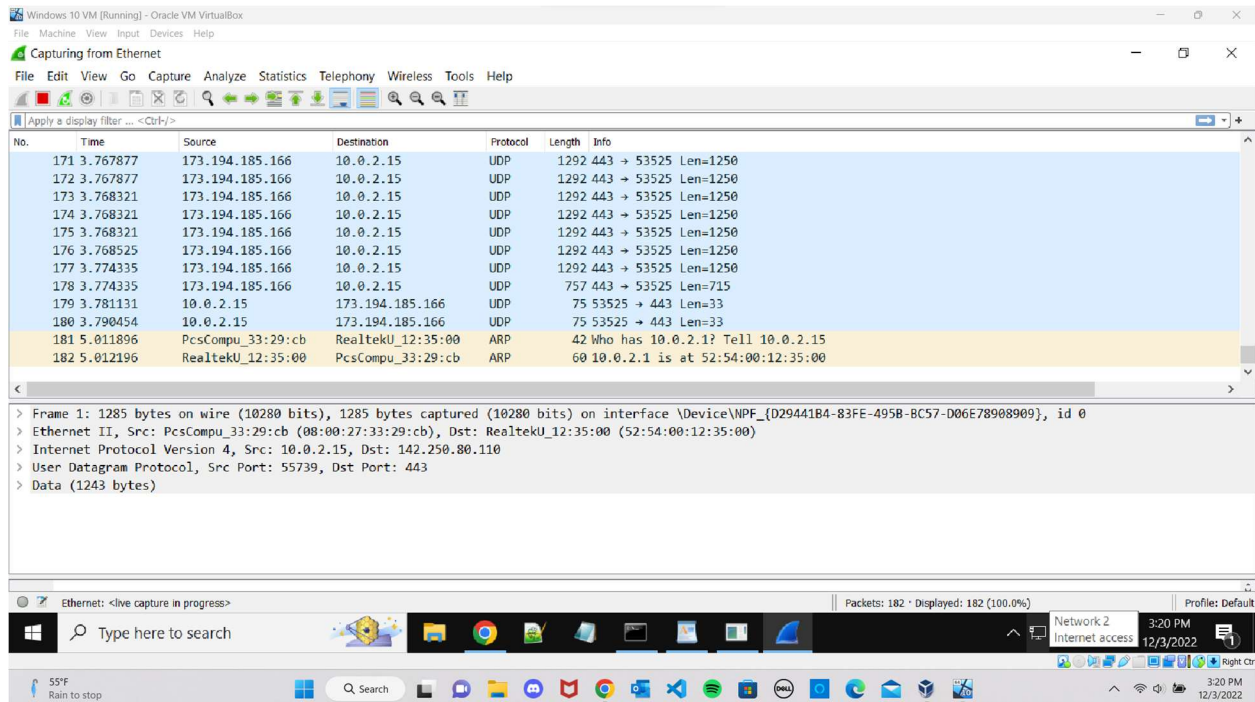
2. On Windows VM, turn off *Real-time protection* at *Virus & Threat Protection* → *Virus & threat protection setting* → *Manage settings* → *Real-time protection*. Provide a screenshot of turned-off *Real-time protection*. (1 point)



3. On Windows VM, run the chat server at C:\Tools\vulnserver\vulnserver.exe. Provide a screenshot of the running vulnserver.exe. (1 point)



4. Start Wireshark capturing the Ethernet traffic on Windows VM. Provide a screenshot of the running vulnserver.exe. (1 point)
 - a. Wireshark introduction can be found at <https://github.com/xinwenfu/GenCyber/blob/main/IntrusionDetection/README.md#wireshark>



5. Deploy the *knock* attack within Armitage from Kali VM against Windows VM. Provide a screenshot of showing the vulnerable chat server is compromised. (3 points)

