EX.NO: 4 Analyze the Malicious Network Traffic using Wireshark ROLL NO: 231901010

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## AIM:

Applying analytical skill to analyze the malicious network traffic using wireshark.



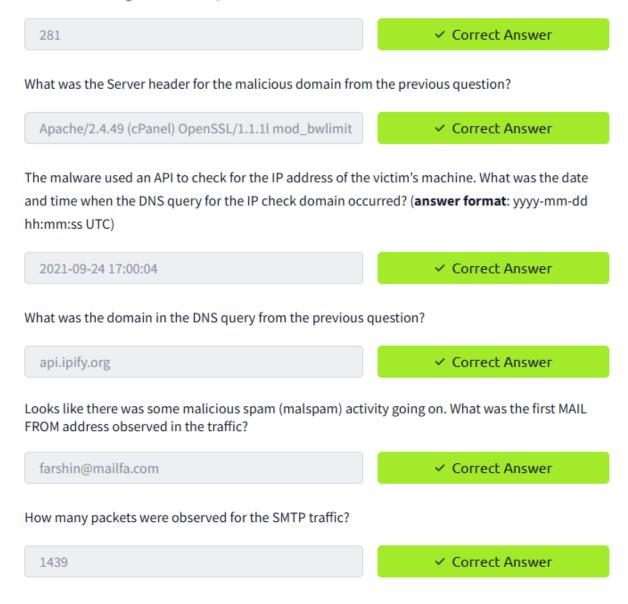
## TASK 2: TRAFFIC ANALYSIS

Answer the questions below What was the date and time for the first HTTP connection to the malicious IP? (answer format: yyyy-mm-dd hh:mm:ss) 2021-09-24 16:44:38 ✓ Correct Answer What is the name of the zip file that was downloaded? ✓ Correct Answer documents.zip What was the domain hosting the malicious zip file? attirenepal.com ✓ Correct Answer Without downloading the file, what is the name of the file in the zip file? ✓ Correct Answer chart-1530076591.xls What is the name of the webserver of the malicious IP from which the zip file was downloaded? LiteSpeed ✓ Correct Answer What is the version of the webserver from the previous question? ✓ Correct Answer PHP/7.2.34 Malicious files were downloaded to the victim host from multiple domains. What were the three domains involved with this activity? ✓ Correct Answer ♀ Hint finejewels.com.au, thietbiagt.com, new.americold.co

question? GoDaddy ✓ Correct Answer What are the two IP addresses of the Cobalt Strike servers? Use VirusTotal (the Community tab) to confirm if IPs are identified as Cobalt Strike C2 servers. (answer format: enter the IP addresses in sequential order) ✓ Correct Answer ♀ Hint 185.106.96.158, 185.125.204.174 What is the Host header for the first Cobalt Strike IP address from the previous question? ocsp.verisign.com ✓ Correct Answer What is the domain name for the first IP address of the Cobalt Strike server? You may use VirusTotal to confirm if it's the Cobalt Strike server (check the Community tab). survmeter.live ✓ Correct Answer ♀ Hint What is the domain name of the second Cobalt Strike server IP? You may use VirusTotal to confirm if it's the Cobalt Strike server (check the Community tab). securitybusinpuff.com ✓ Correct Answer 9 Hint What is the domain name of the post-infection traffic? ✓ Correct Answer maldivehost.net ♀ Hint What are the first eleven characters that the victim host sends out to the malicious domain involved in the post-infection traffic? zLlisQRWZI9 ✓ Correct Answer

Which certificate authority issued the SSL certificate to the first domain from the previous

What was the length for the first packet sent out to the C2 server?



## **CONCLUSION:**

Tryhackme platform Analyze the Malicious Network Traffic using Wireshark task is successfully completed.