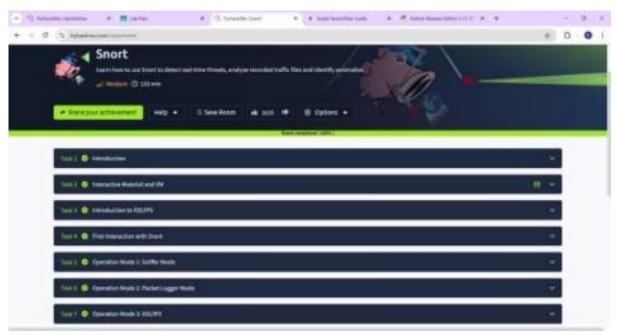
## EX NO : 13 DETECTION OF REAL TIME THREATS, ANALYSE RECORDED TRAFFIC FILES AND IDENTIFY ANOMALIES

DATE:24-4-25 231901017 KARTHIK R

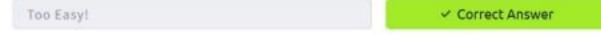
AIM:

Learn how ton use snort to detect real time threats, analyse recorded traffic files and identify anomalies.

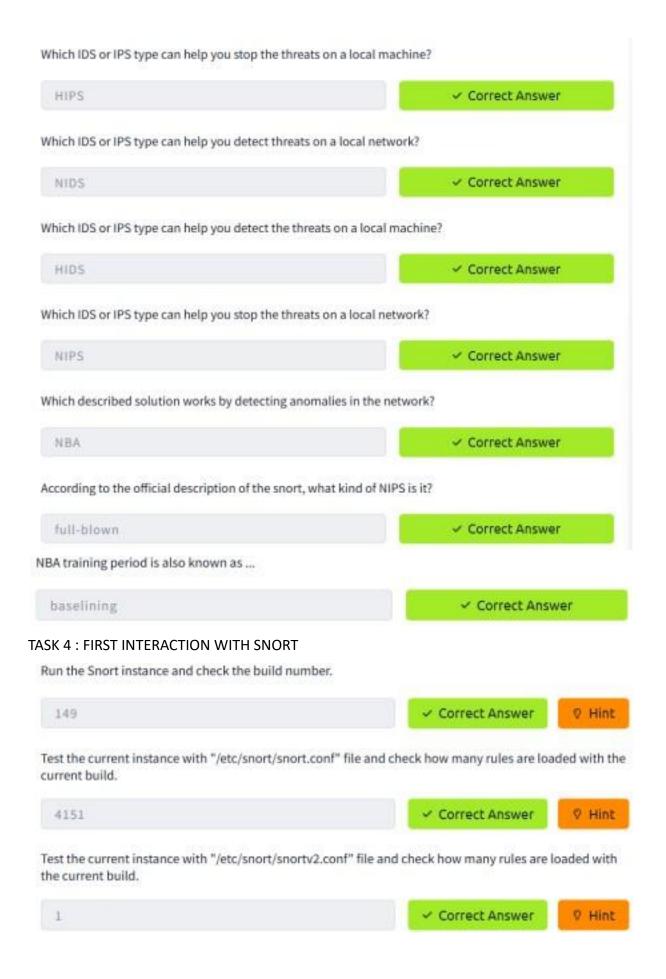


TASK 2: INTERACTIVE MATERIAL AND VM

Navigate to the Task-Exercises folder and run the command "./.easy.sh" and write the output



TASK 3: INTRODUCTION TO IDS/IPS

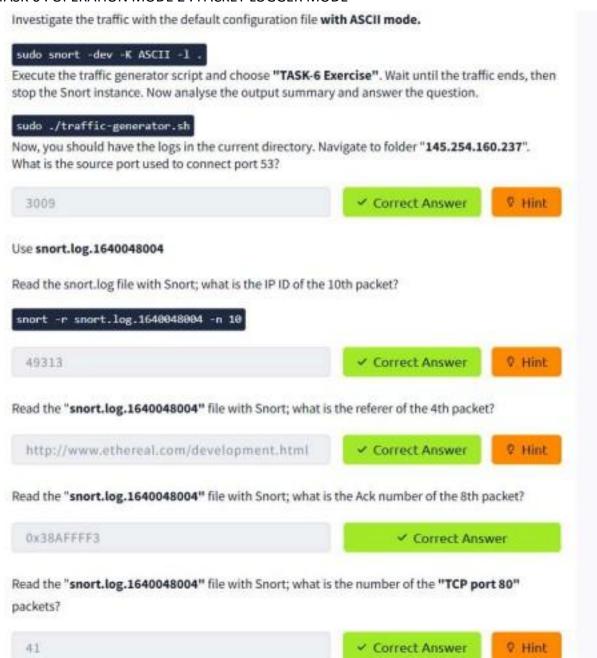


## TASK 5: OPERATON MODE 1: SNIFFER MODE

You can practice the parameter combinations by using the traffic-generator script.

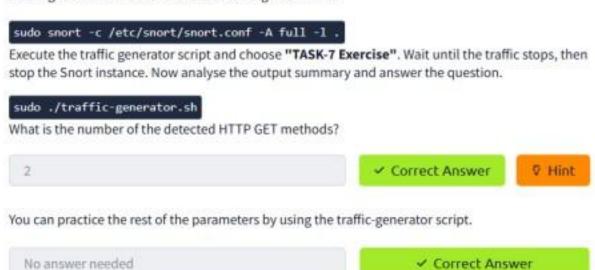
No answer needed Correct Answer

## TASK 6: OPERATION MODE 2: PACKET LOGGER MODE



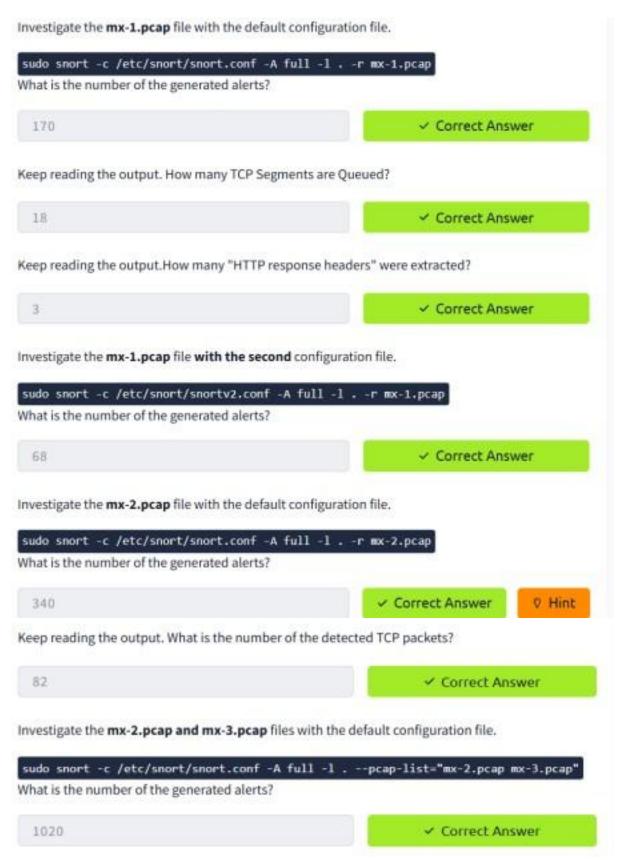
TASK 7 OPERATION MODE 3: IDS/IPS

Investigate the traffic with the default configuration file.



TASK 8: OPERATION MODE 4: PCAP INVESTIGATION

No answer needed



TASK 9 SNORT RULE STRUCTURE

Use "task9.pcap". Write a rule to filter IP ID "35369" and run it against the given pcap file. What is the request name of the detected packet? You may use this command: "snort -c local.rules -A full -l . -r task9.pcap" TIMESTAMP REQUEST Correct Answer 0 Hint Clear the previous alert file and comment out the old rules. Create a rule to filter packets with Syn flag and run it against the given pcap file. What is the number of detected packets? Correct Answer 1 Clear the previous alert file and comment out the old rules. Write a rule to filter packets with Push-Ack flags and run it against the given pcap file. What is the number of detected packets? 216 ✓ Correct Answer Clear the previous alert file and comment out the old rules. Create a rule to filter UDP packets with the same source and destination IP and run it against the given pcap file. What is the number of packets that show the same source and destination address? Correct Answer Case Example - An analyst modified an existing rule successfully. Which rule option must the analyst change after the implementation? Correct Answer rev

TASK 10 SNORT2 OPERATION LOGIC : POINT TO REMEMBER CONCLUSION:

Detection of real time threrats, analyse recorded traffic files and identify anomalies task is successfully completed.