COMP 9337 Securing Wireless Networks

T1, 2019

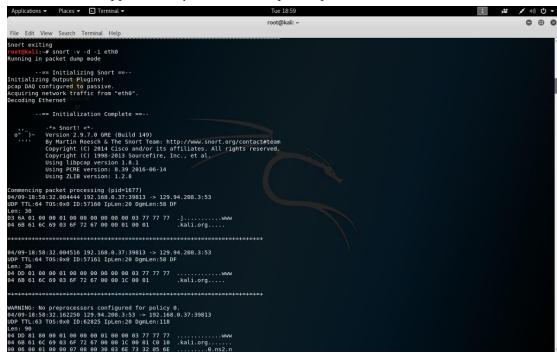
Lab 5

Group: SWN19 AI

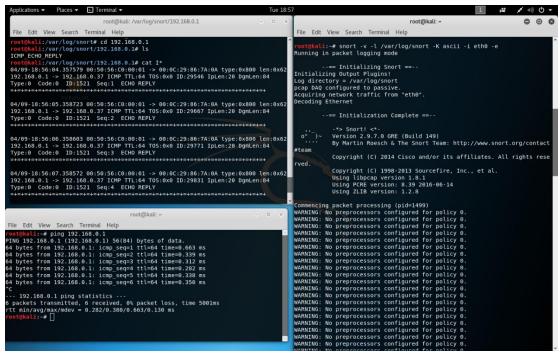
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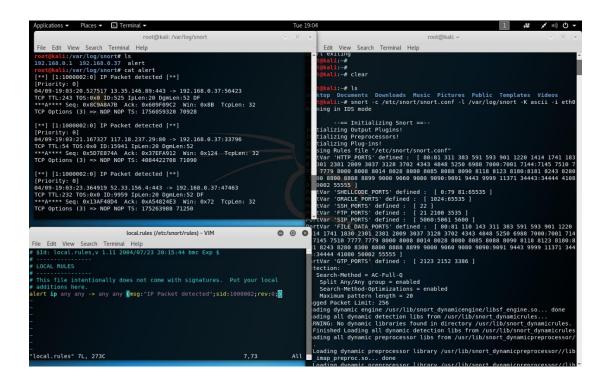
1. Capture application layer data: Give screenshot that shows the command (you use) and the headers and application layer data for a captured packet.



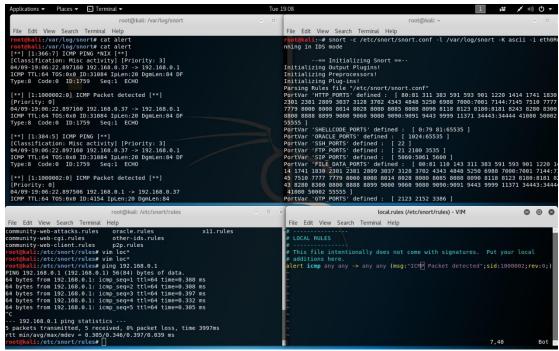
2. Capture Only ICMP: Provide screenshot that shows the command (you use) and the summary of snort packets captured



3. Alert IP: Give screenshot that shows the command (you use) and the output in the alert file (/var/log/snort/alert). Also, provide justification why this rule is a bad rule.



4. Alert ICMP: Provide screenshot that shows the rule you used and the command. Also, show the alert file output.



5. The rule:

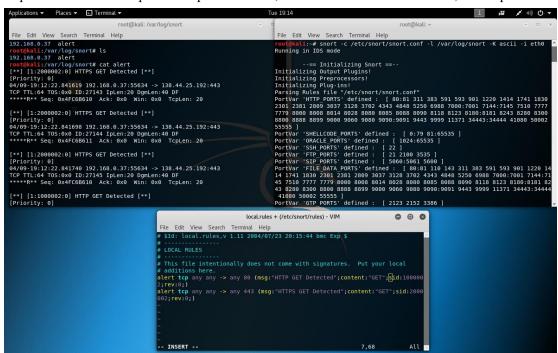
alert tcp !192.168.1.0/24 any -> 192.168.1.0/24 !:1024

Explain what does the rule specify?

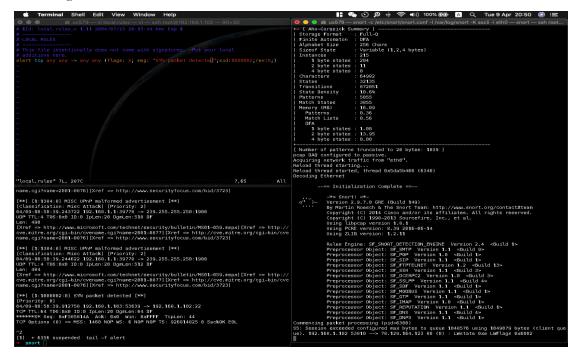
This means only such packet will be alerted:

- Its source address is **not** any of 192.168.1.0/24, and
- Its destination address is any of 192.168.1.0/24, and
- Its destination address is **not** 1024
- 6. HTTP/S GET matching: Provide the rule, the command used for snort and screenshot of the alert. Also explain how it works.

Explain: It filters out all packets to port 443 or 80, extracts their content as "GET", then captures.



7. Alert TCP SYN: Add the screenshots here, which shows the rule (you use). Also, identify the alert generated as a result



8. Alert Telnet: Provide screenshots that shows the rule (you use). Also, identify the alert and the logged packets generated as a result of this rule.

