## Project D - Cybersecurity Analyst

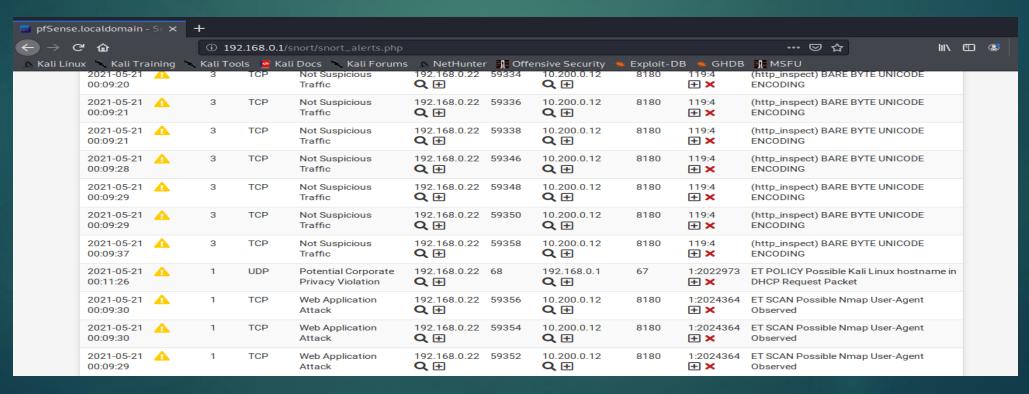
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### Executive Summary

- ▶ Improve the secuirty of the network.
- Implement a way to identify and log attacks against their web and production servers.
- ▶ Install an IDS/IPS

#### Vulnerabilities found

- While searching for vulnerabilities I came across a web server application attack.
- There were also several traffic logs that are unknown and potentially bad.

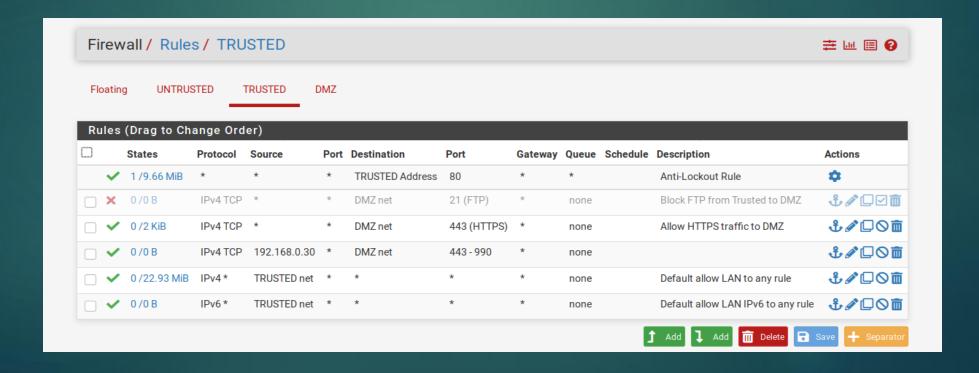


#### Snort

- Snort was used to improve the security of the network. Alerting agasinst attacks that were being made.
- ▶ Firewall rules were but in place to alert or log attacks.
- Captured real-time traffic analysis and packet-logging on IP networks.

#### Firewall rules

Several firewall rules were made to test connections and alert vulnerabilities.



#### Recommendations

- Configure firewall rules to the attacks you want to be alerted by.
- Block wesbites by URL if needed I would advise to download SquidGuard.
- Daily automated vulnerability scans with alerts of detected vulnerabilities.
- Adjust snort to your company's needs.

# Thank You Any Questions