# **Implementing Security Monitoring and Logging (4e)**

Fundamentals of Information Systems Security, Fourth Edition - Lab 08

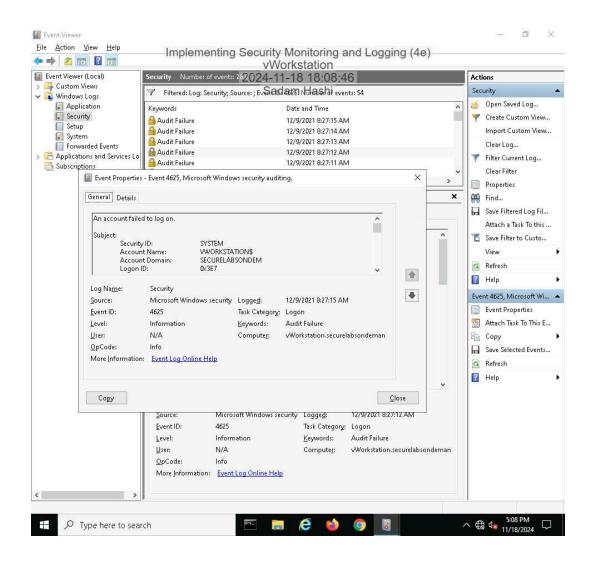
Student:	Email:
Sadam Hashi	smhashi@asu.edu
Time on Task:	Progress:
6 hours, 2 minutes	100%

Report Generated: Tuesday, November 19, 2024 at 1:06 AM

## **Section 1: Hands-On Demonstration**

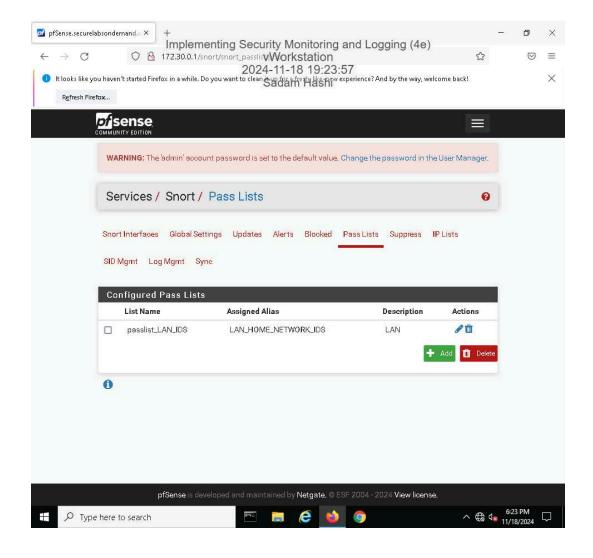
## Part 1: Identify Failed Logon Attempts on Windows Systems

8. Make a screen capture showing the Security Event Properties dialog box on the vWorkstation.

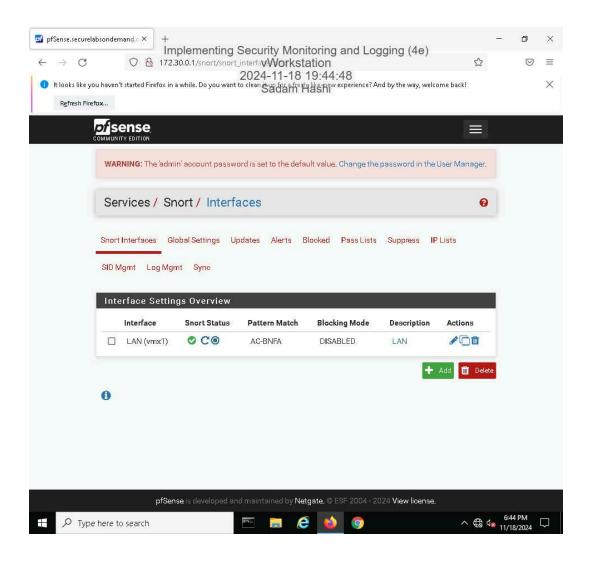


## Part 2: Monitor Network Activity with Snort

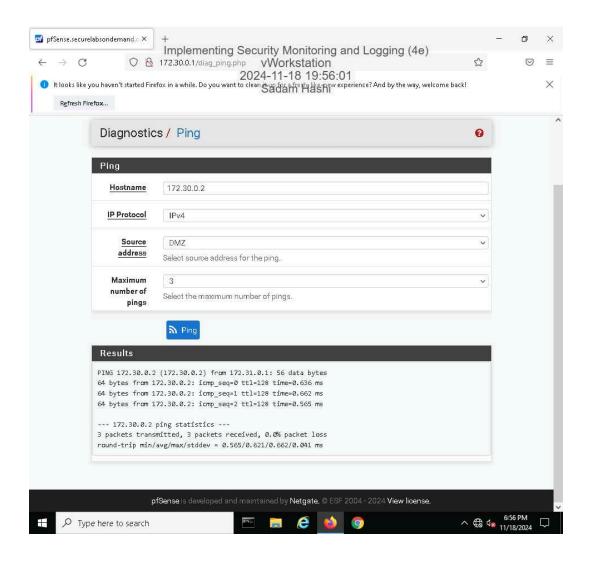
17. Make a screen capture showing the updated Pass Lists page.



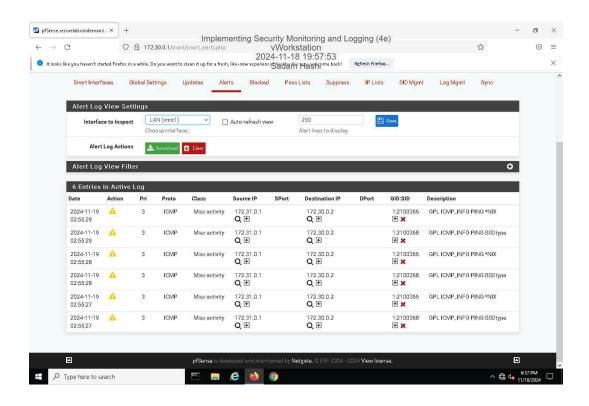
## 31. Make a screen capture showing the active Snort status on the LAN interface.



#### 36. Make a screen capture showing the successful ping results.



#### 41. Make a screen capture showing the ICMP alerts in the Snort Active Log.



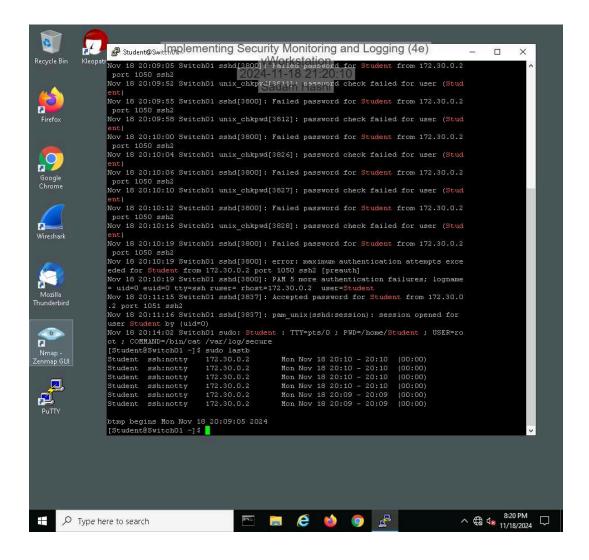
# **Section 2: Applied Learning**

### Part 1: Identify Failed Logon Attempts on Linux Systems

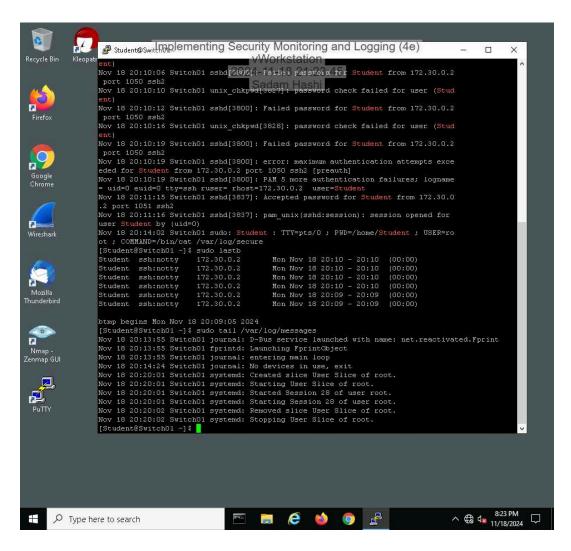
10. Make a screen capture showing the edited rsyslog.conf file.



#### 20. Make a screen capture showing the failed login attempts.

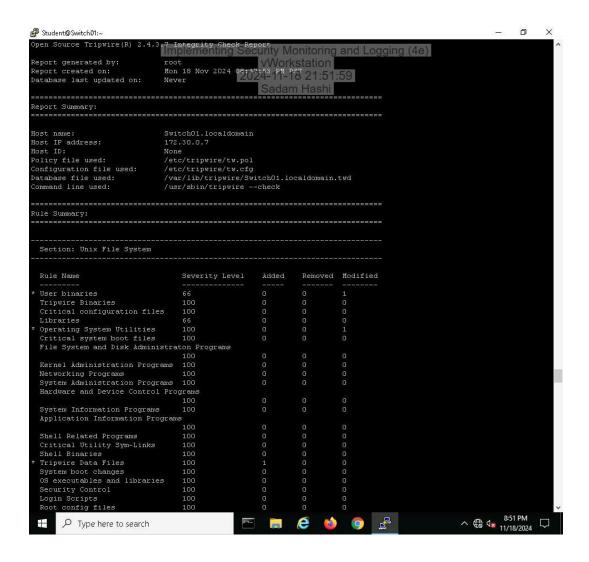


22. Make a screen capture showing the last 10 log messages.



Part 2: Monitor File Integrity with Tripwire

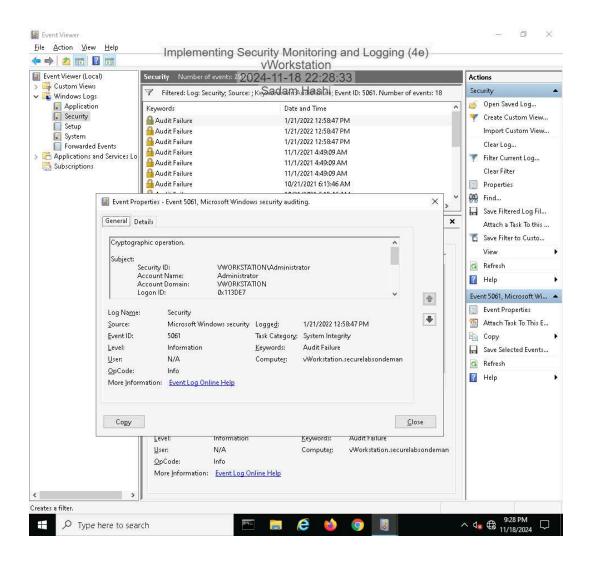
12. Make a screen capture showing the Object Summary section for the Tripwire report.



# **Section 3: Challenge and Analysis**

## Part 1: Identify Additional Event Types in the Event Viewer

Make a screen capture showing the Security Event Properties dialog box for an Audit Failure associated with Event ID 5061.



Provide a brief explanation of the operation that would generate a security event with Event ID 5061.

Event ID 5061 corresponds to cryptographic operations. Event ID 5061 occurs when an attempt to access cryptographic keys or even perform encryption or decryption operations. In this case, the audit failure associated with even ID 5061 means that a person tried to use a key but failed due to not having permission or the key simply not being valid.

# Part 2: Configure Snort as an Intrusion Prevention System

Make a screen capture showing the Legacy Blocking Mode enabled on the LAN interface.

