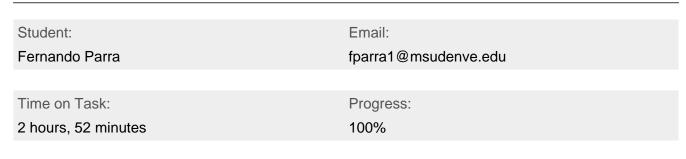
Implementing Security Monitoring and Logging (4e)

Fundamentals of Information Systems Security, Fourth Edition - Lab 08

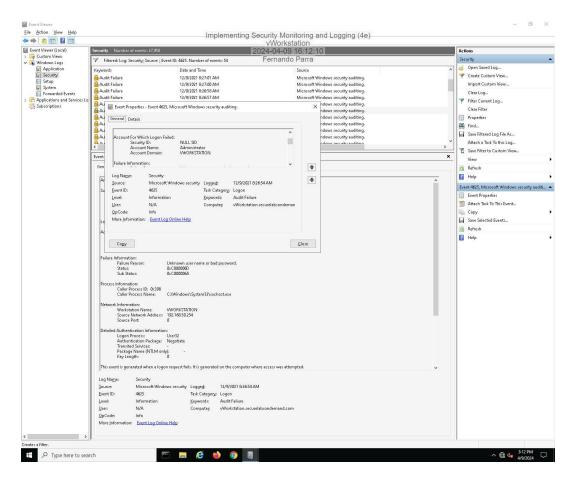


Report Generated: Tuesday, April 9, 2024 at 7:19 PM

Section 1: Hands-On Demonstration

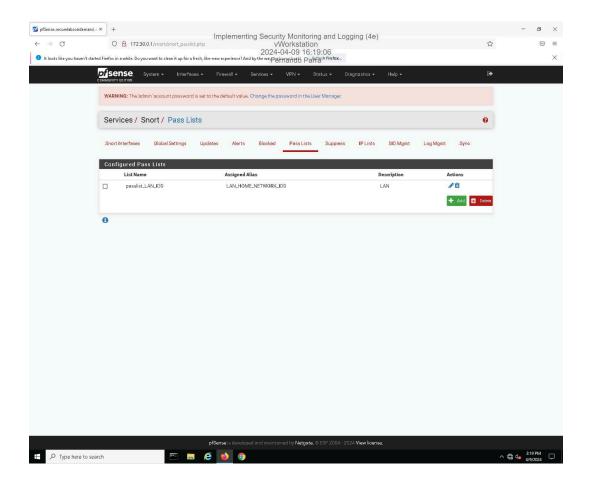
Part 1: Identify Failed Logon Attempts on Windows Systems

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

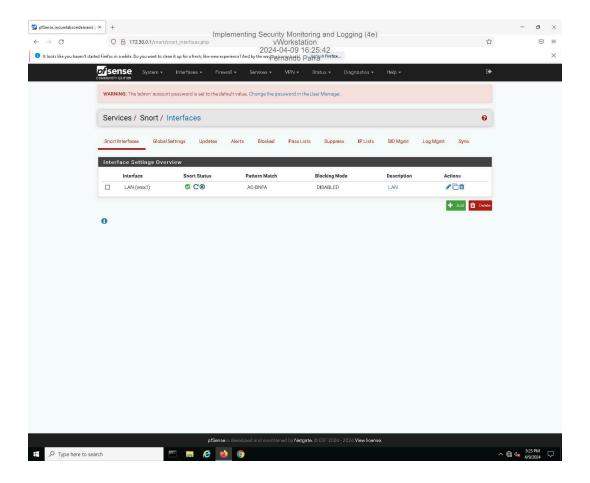


Part 2: Monitor Network Activity with Snort

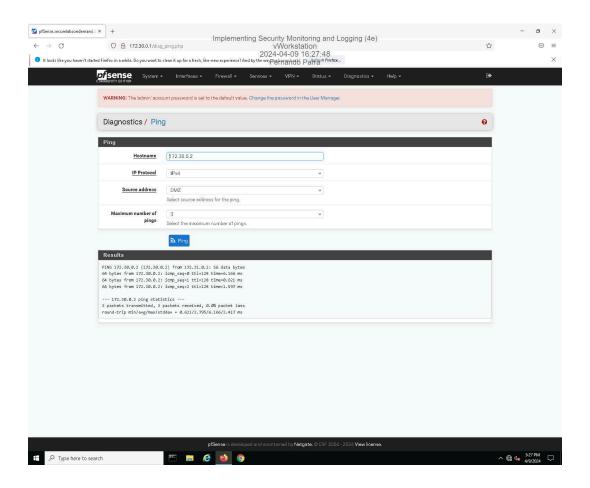
17. Make a screen capture showing the updated Pass Lists page.



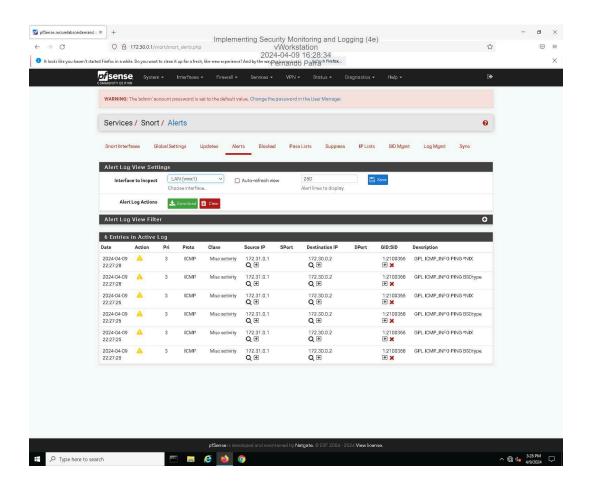
31. Make a screen capture showing the active Snort status on the LAN interface.



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



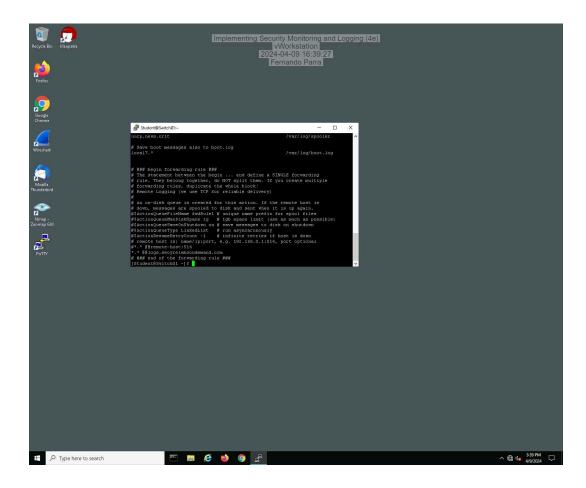
41. Make a screen capture showing the ICMP alerts in the Snort Active Log.



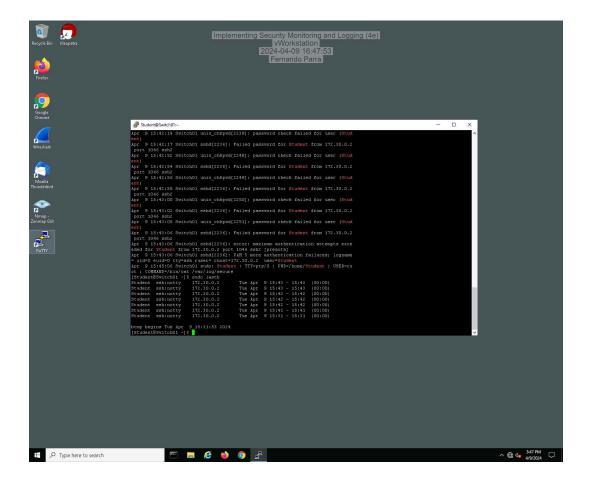
Section 2: Applied Learning

Part 1: Identify Failed Logon Attempts on Linux Systems

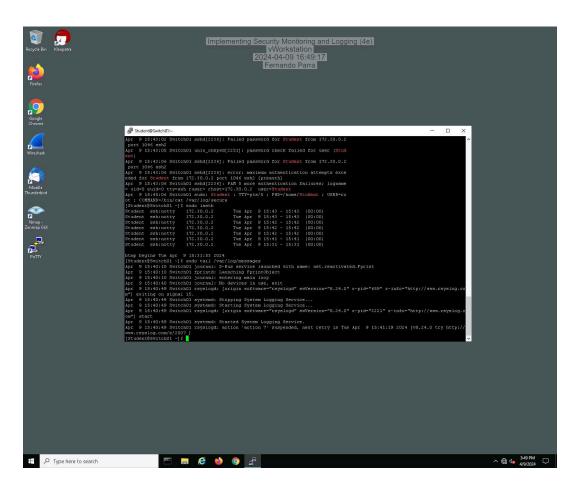
10. Make a screen capture showing the edited rsyslog.conf file.



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

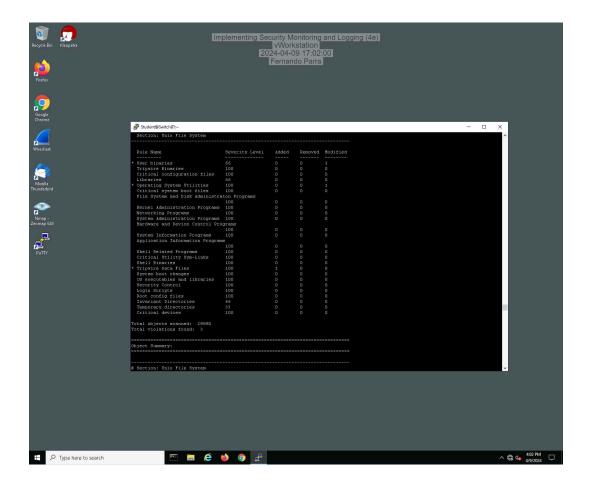


22. Make a screen capture showing the last 10 log messages.



Part 2: Monitor File Integrity with Tripwire

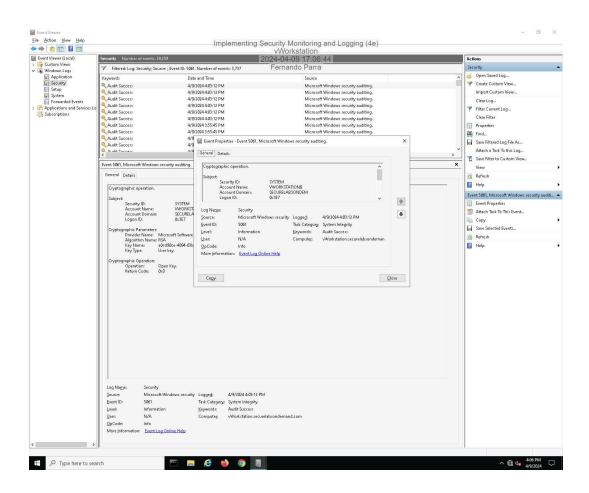
12. Make a screen capture showing the Object Summary section for the Tripwire report.



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.

The Event ID 5061 in Windows Event Viewer is related to a cryptographic operations. The details tab in the security event properties dialog box show that opening a key such as the Microsoft Software Key Storage Provider will be logged for auditing, this is essential for monitoring cryptographic keys.

Part 2: Configure Snort as an Intrusion Prevention System

Implementing Security Monitoring and Logging (4e)

Fundamentals of Information Systems Security, Fourth Edition - Lab 08

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

