Student:	Email:
Andre Hardy	ahardy754@email.porterchester.edu

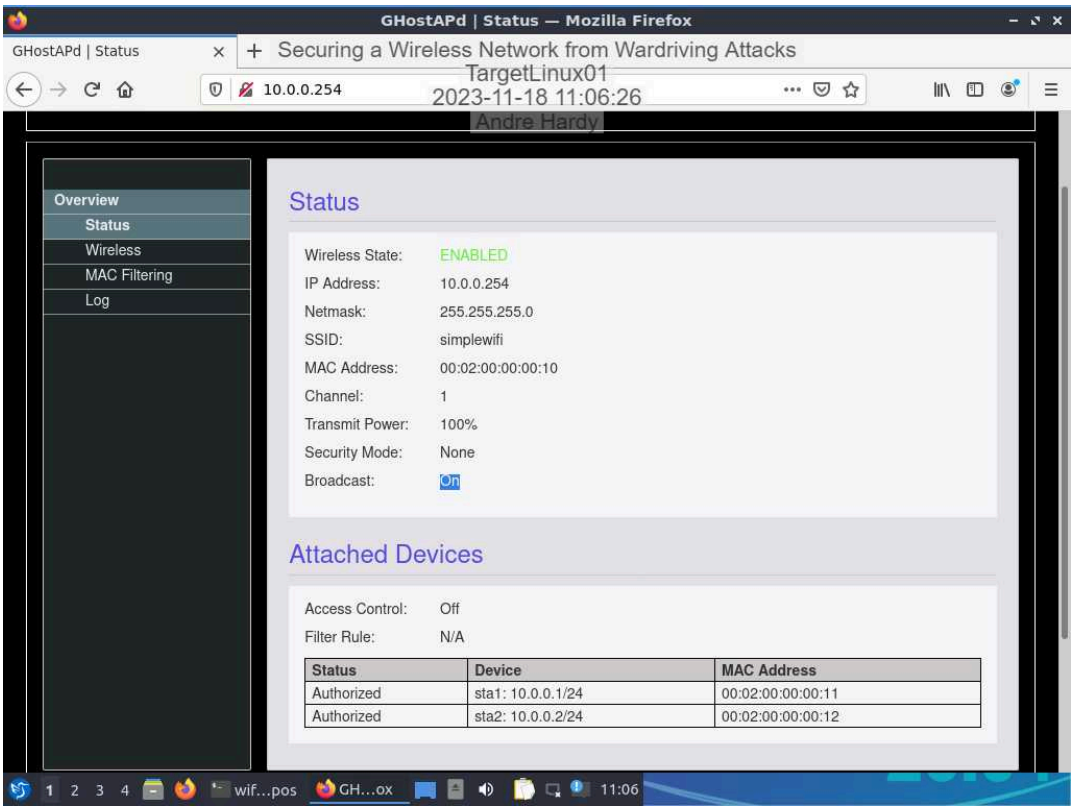
Time on Task:	Progress:
5 hours, 14 minutes	100%

Report Generated: Saturday, November 18, 2023 at 3:24 PM

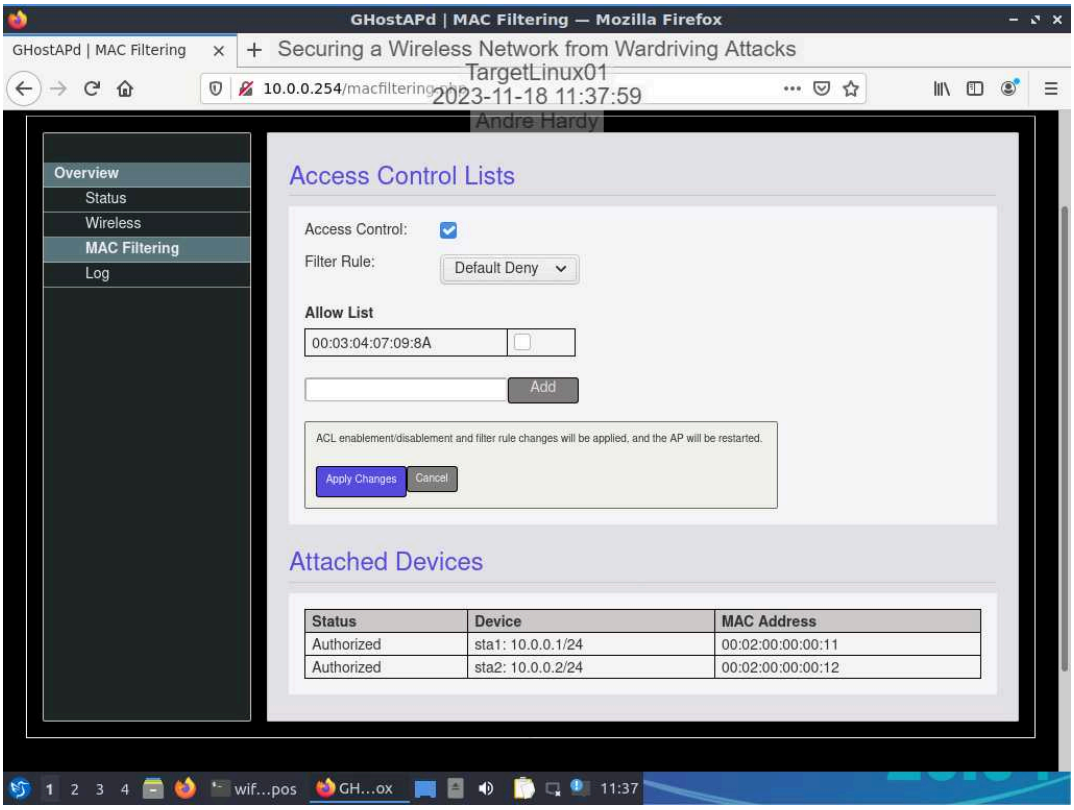
Section 1: Hands-On Demonstration

Part 1: Review a Wi-Fi Access Point Configuration

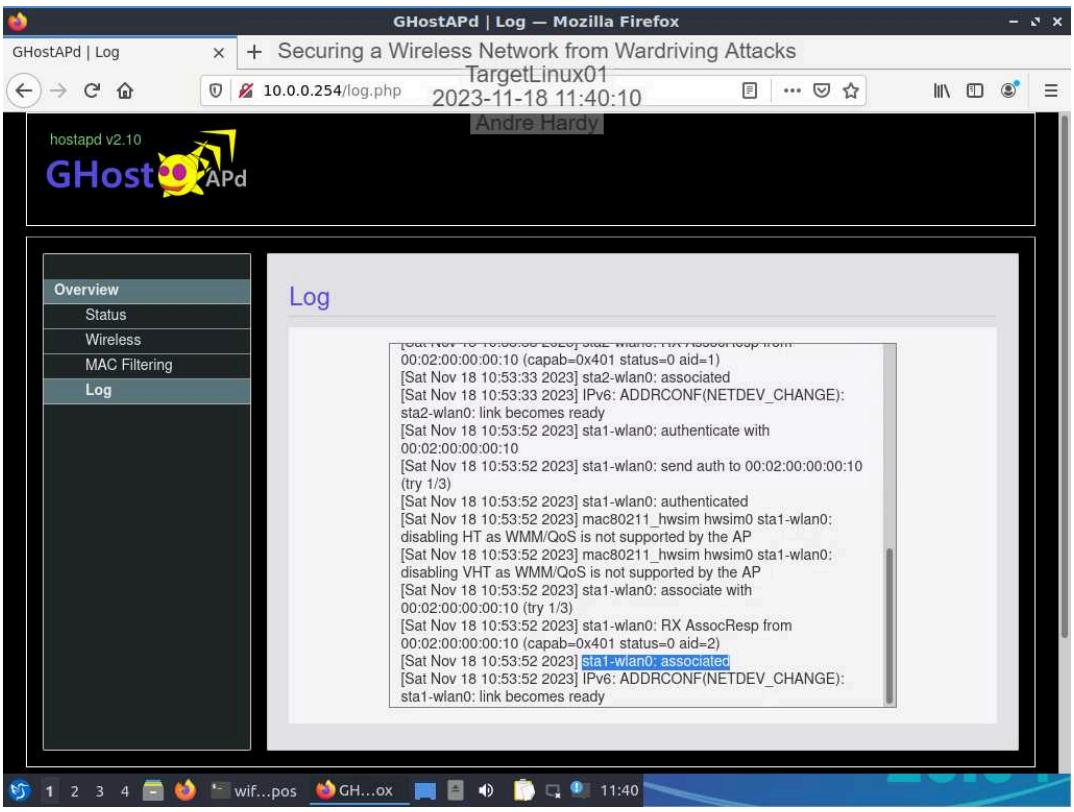
13. **Make a screen capture** showing the **wireless networking configuration in** GHostAPd **Status** screen.



17. **Make a screen capture** showing the **Allow List in the Access Control Lists section of GHostAPd**.

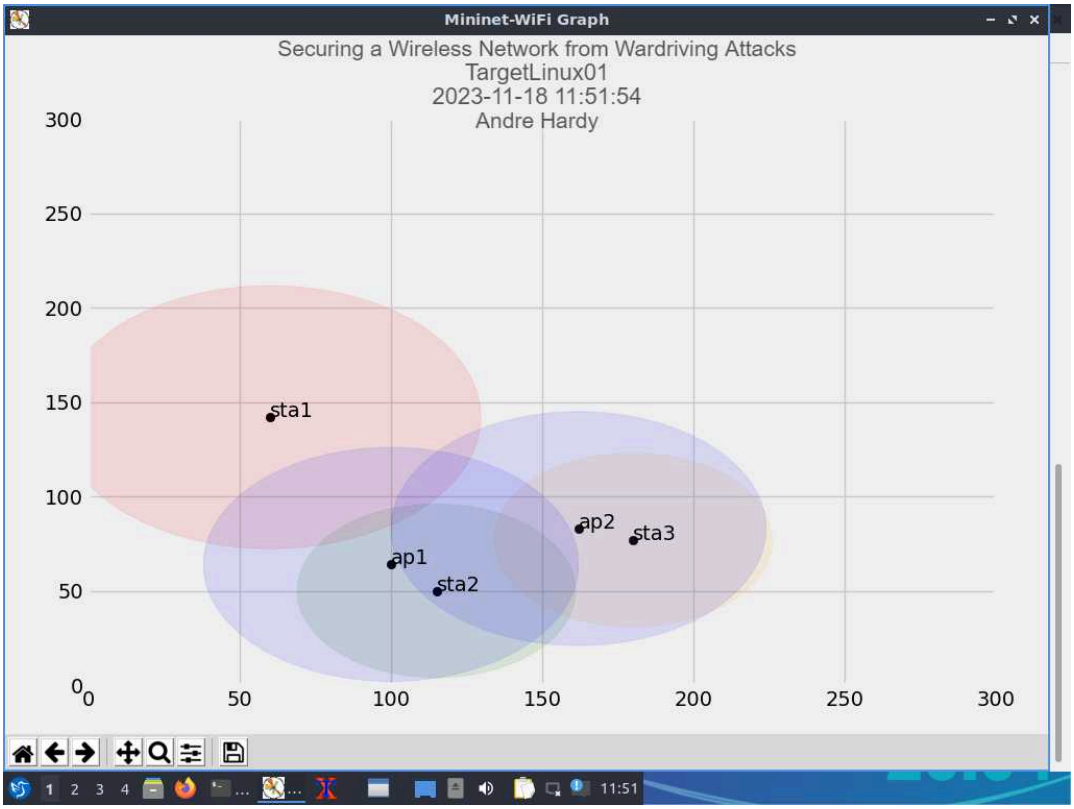


20. **Make a screen capture** showing the **log line corresponding to sta1's association with ap1 in the GHostAPd Log view**.

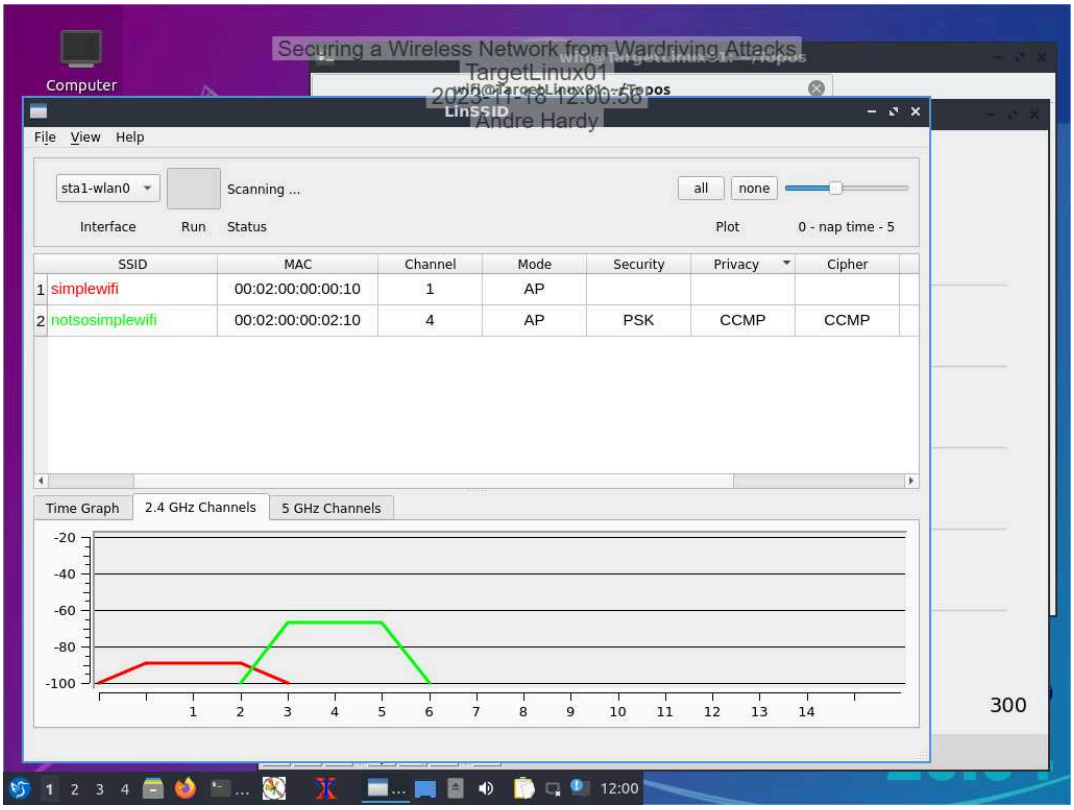


Part 2: Perform a Wardriving Attack with LinSSID

10. **Make a screen capture** showing **sta1's increased antenna gain as displayed in the Mininet-WiFi Graph**.



18. **Make a screen capture** showing the **multiple WLANs discovered in LinSSID**.

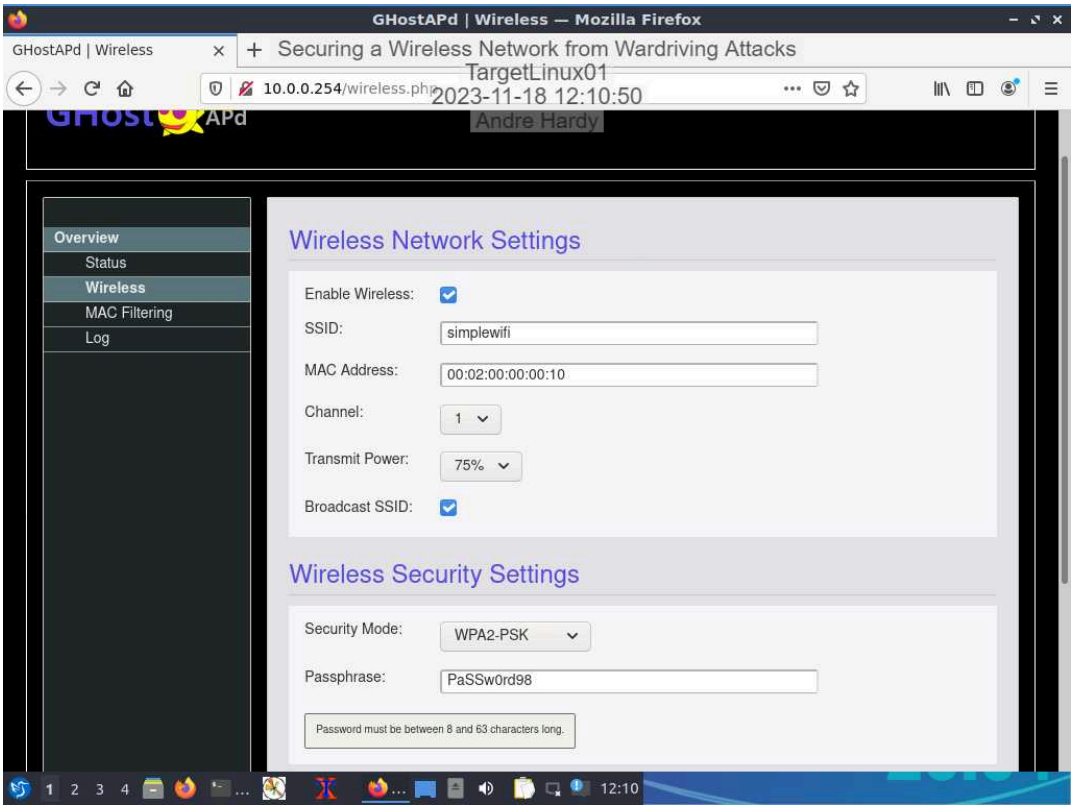


23. **Record** the GPS (x and y graph) coordinates of the ap1 access point.

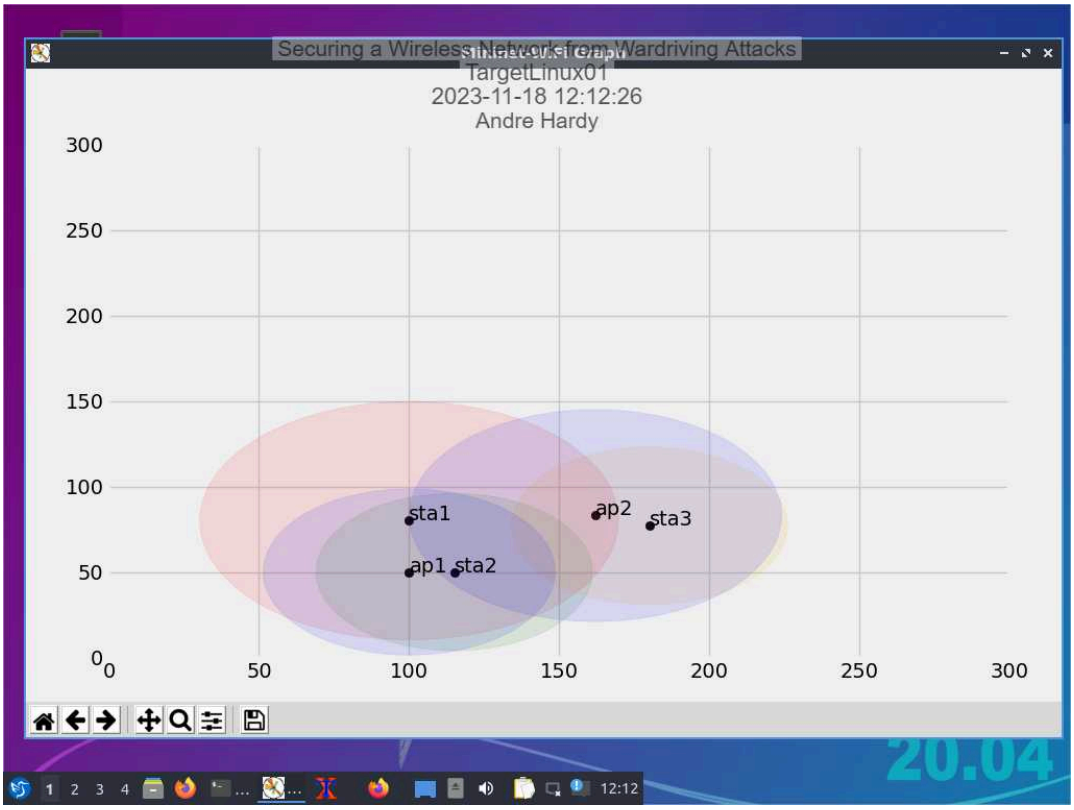
(100.0, 64.0)

Part 3: Secure the Access Point

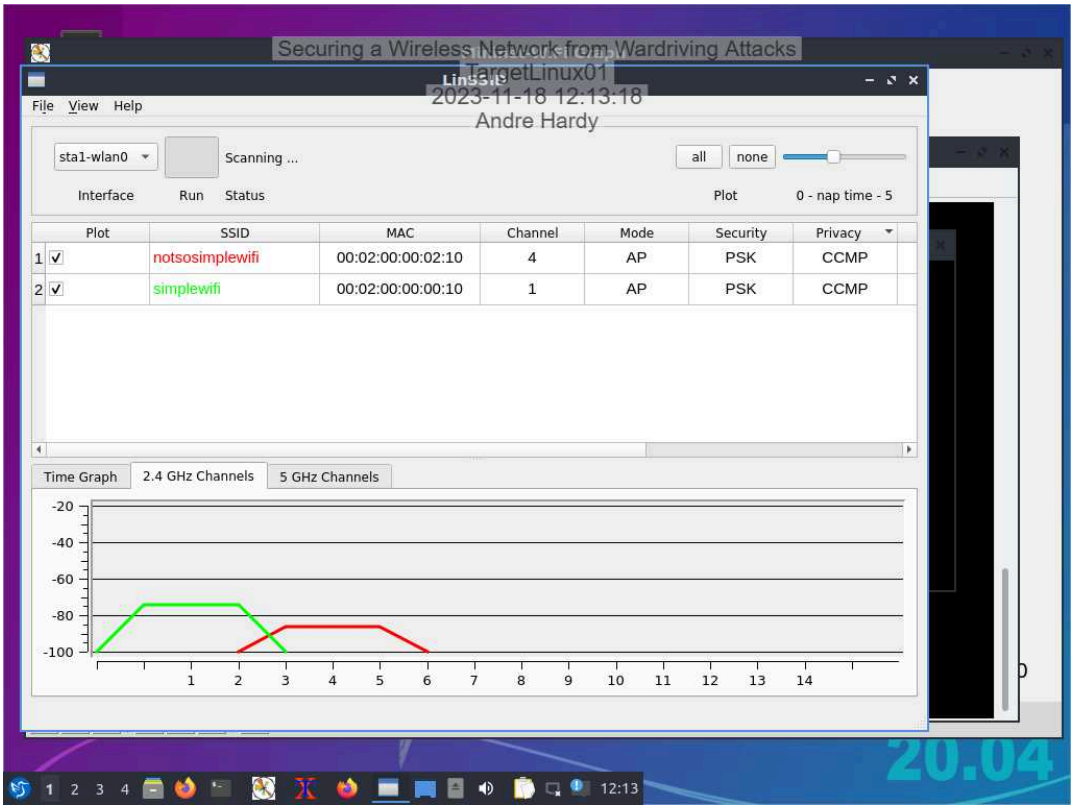
11. **Make a screen capture** showing the **new security mode and transmit power values for *simplewifi* on the GHostAPd Status page**.



15. **Make a screen capture** showing the **relocated ap1 with 75% transmission power in the Mininet-WiFi Graph**.



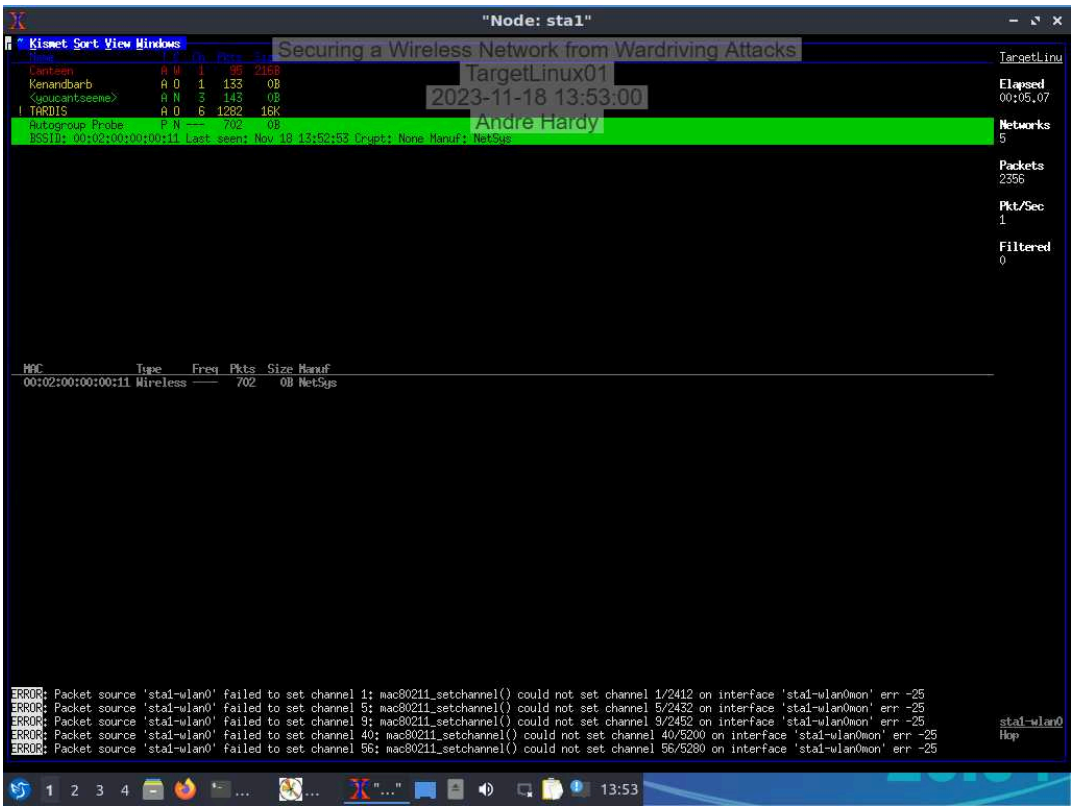
19. **Make a screen capture** showing **both WPA2-PSK networks in LinSSID**.



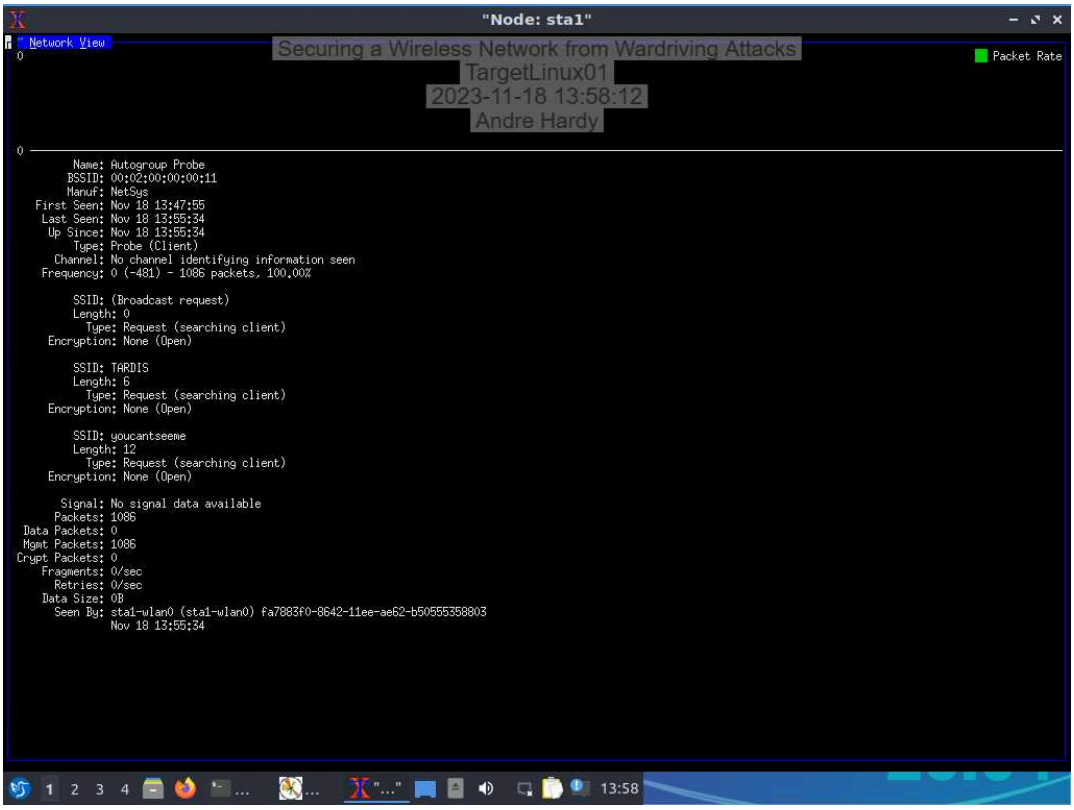
Section 2: Applied Learning

Part 1: Perform a Wardriving Attack with Kismet

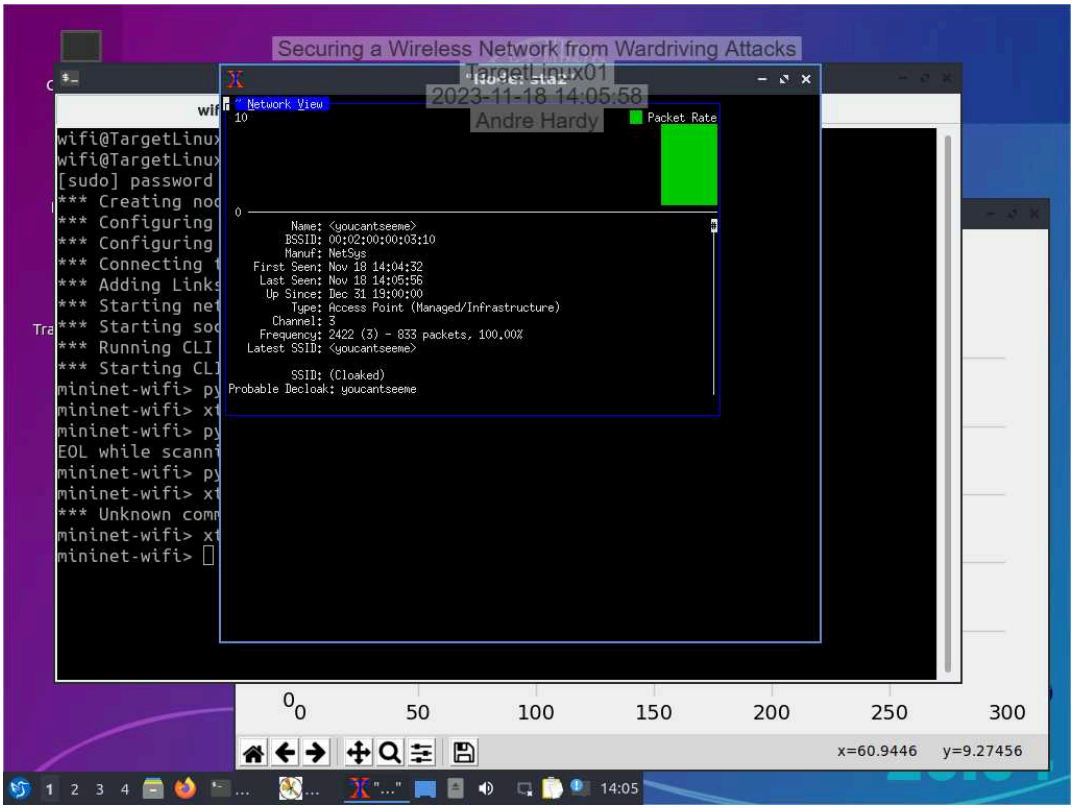
11. **Make a screen capture** showing the **list of five networks detected by Kismet**.



18. **Make a screen capture** showing the **SSID: youcantseeme probe request in your Node: sta1 Kismet window**.

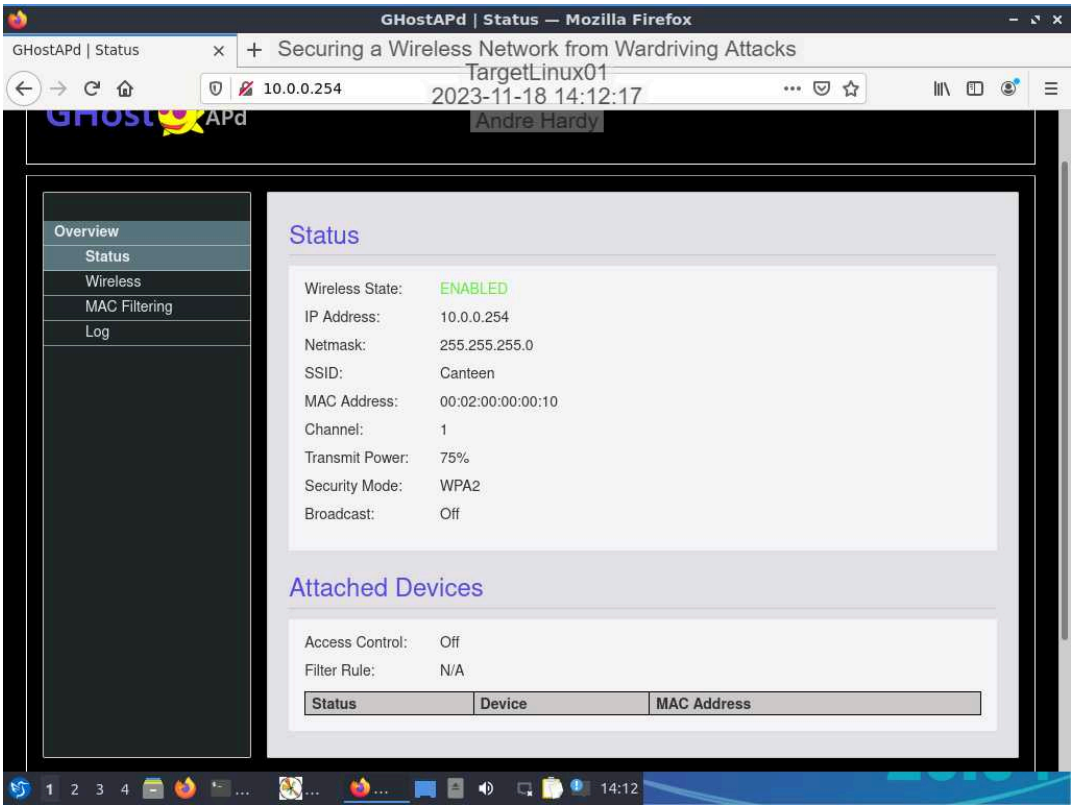


31. **Make a screen capture** showing the **<youcantseeme> network details in your Node: sta2 Kismet window**.

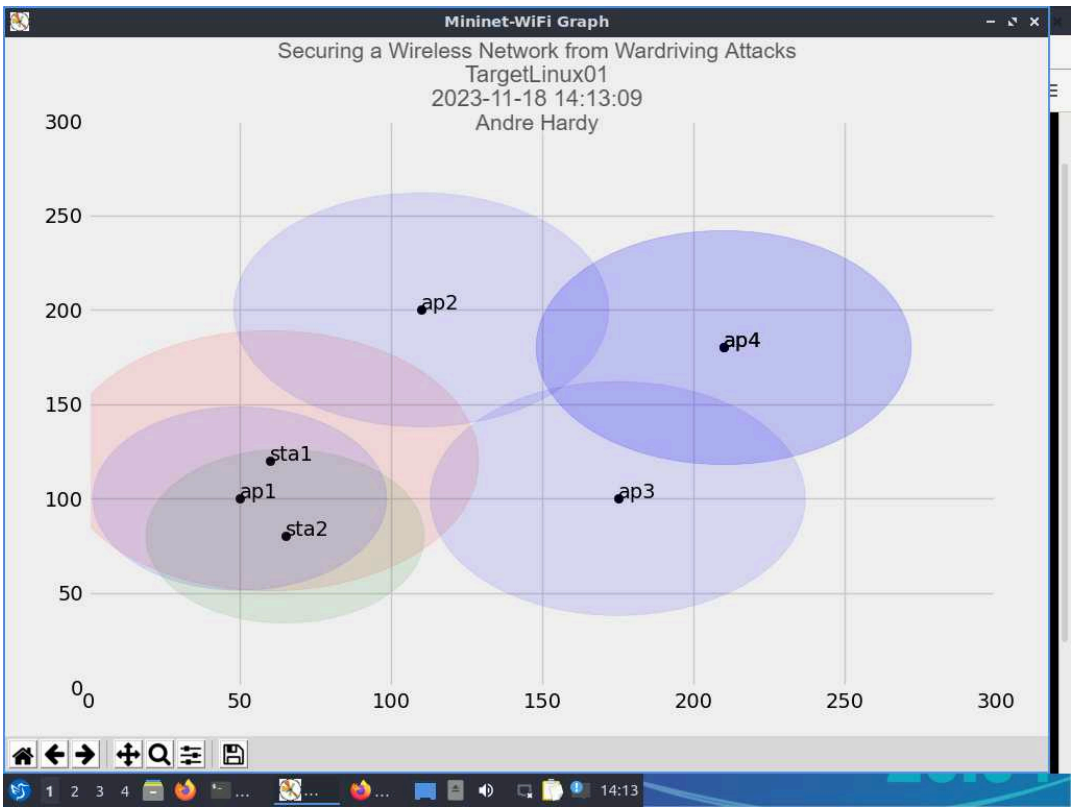


Part 2: Harden the Access Point

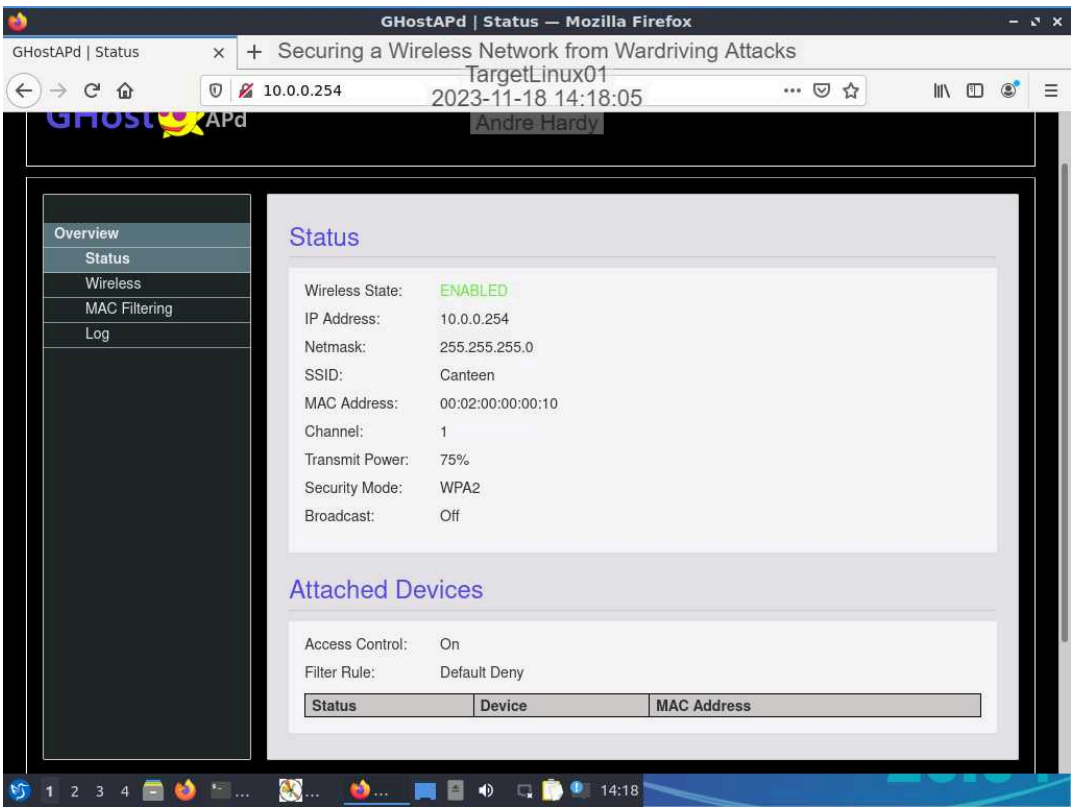
6. **Make a screen capture** showing the **WPA2-enabled *Canteen* network as reported by the Status page**.



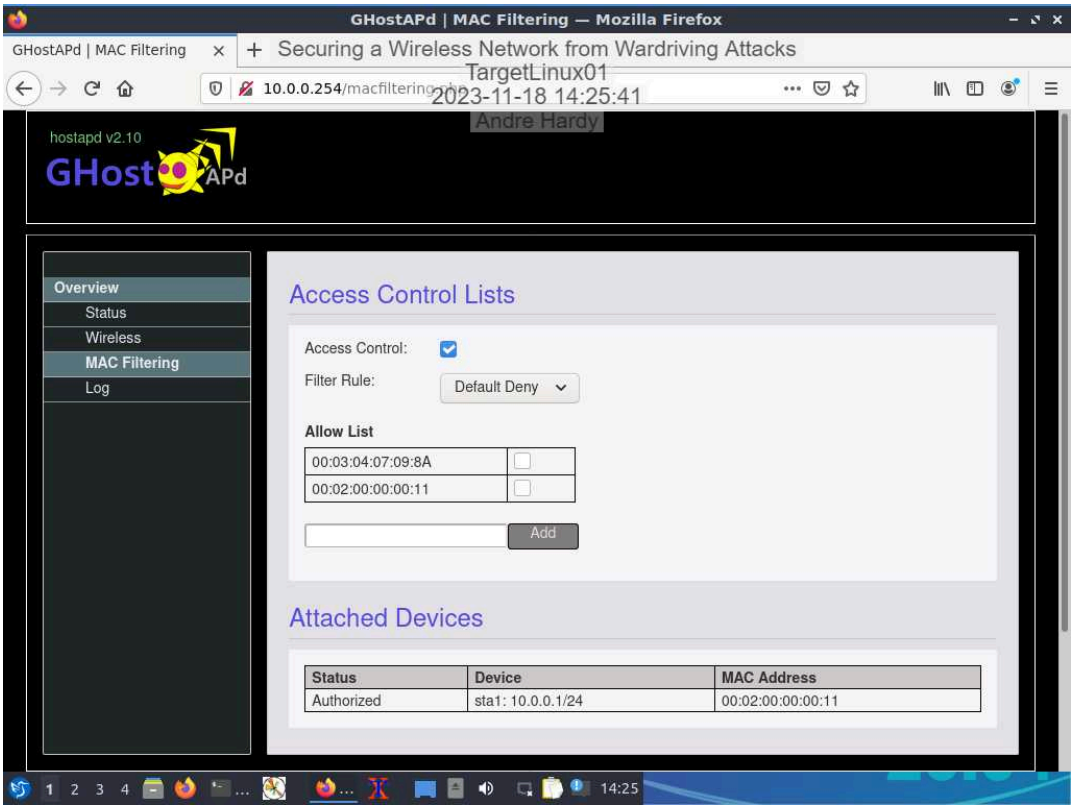
9. **Make a screen capture** showing **ap1's new location and signal range in the Mininet-Wifi Graph window**.



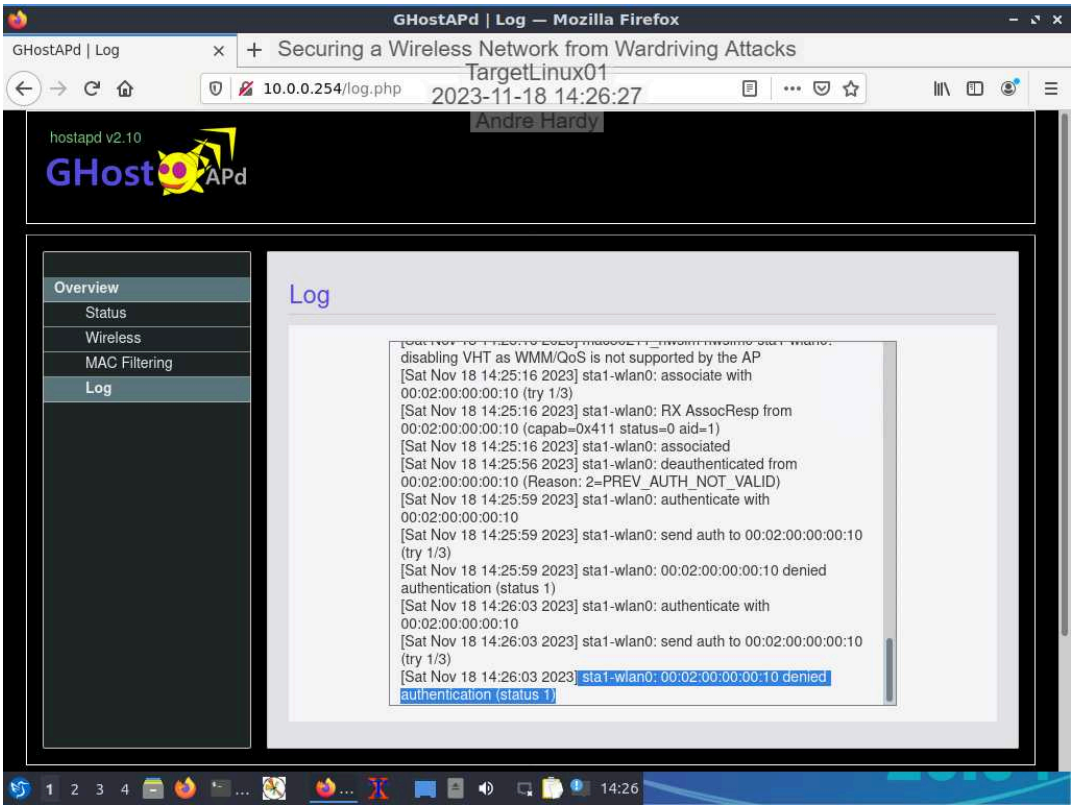
17. **Make a screen capture** showing the **new configuration values for the Canteen network on the Status page**.



29. **Make a screen capture** showing the **configured ACL parameters, and any Attached Devices, as shown in the MAC Filtering page**.



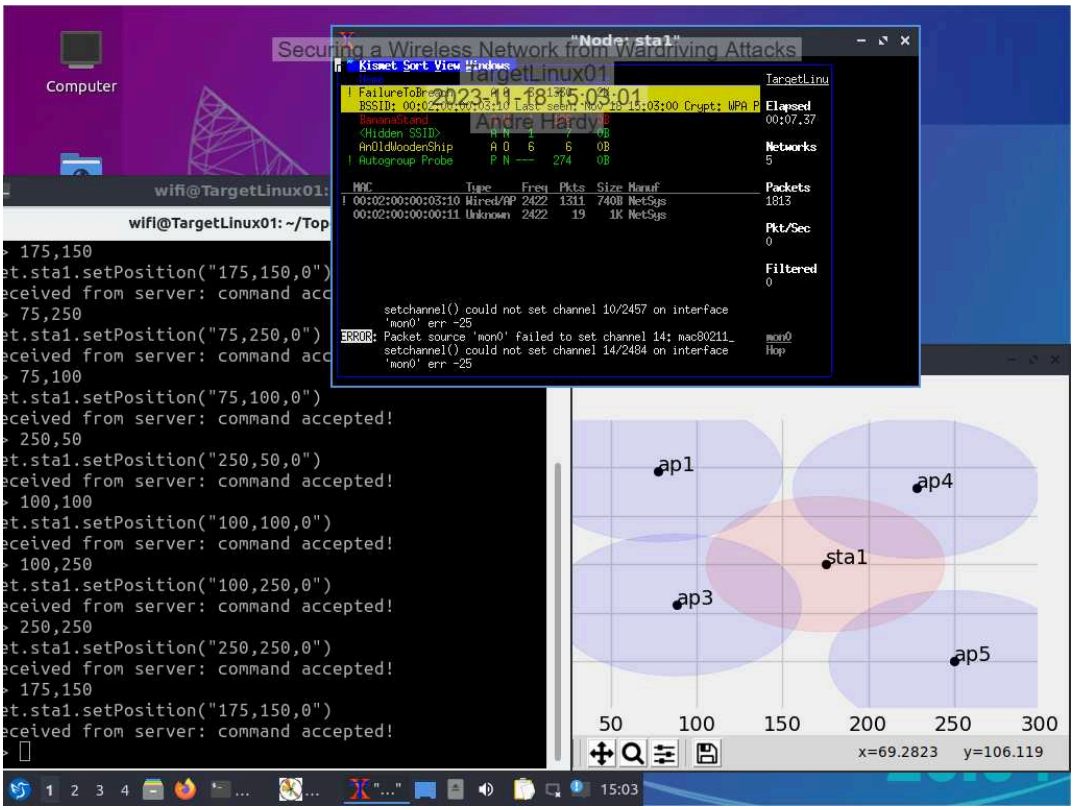
33. **Make a screen capture** showing **sta1-wlan0 interface being denied authentication in the GHostAPd Log**.



Section 3: Challenge and Analysis

Part 1: Perform Data Gathering and Analysis with Wardriving

4. **Make a screen capture** showing the **four discovered networks in Kismet**.



5. **Document** the SSID of the open hidden network you discovered.

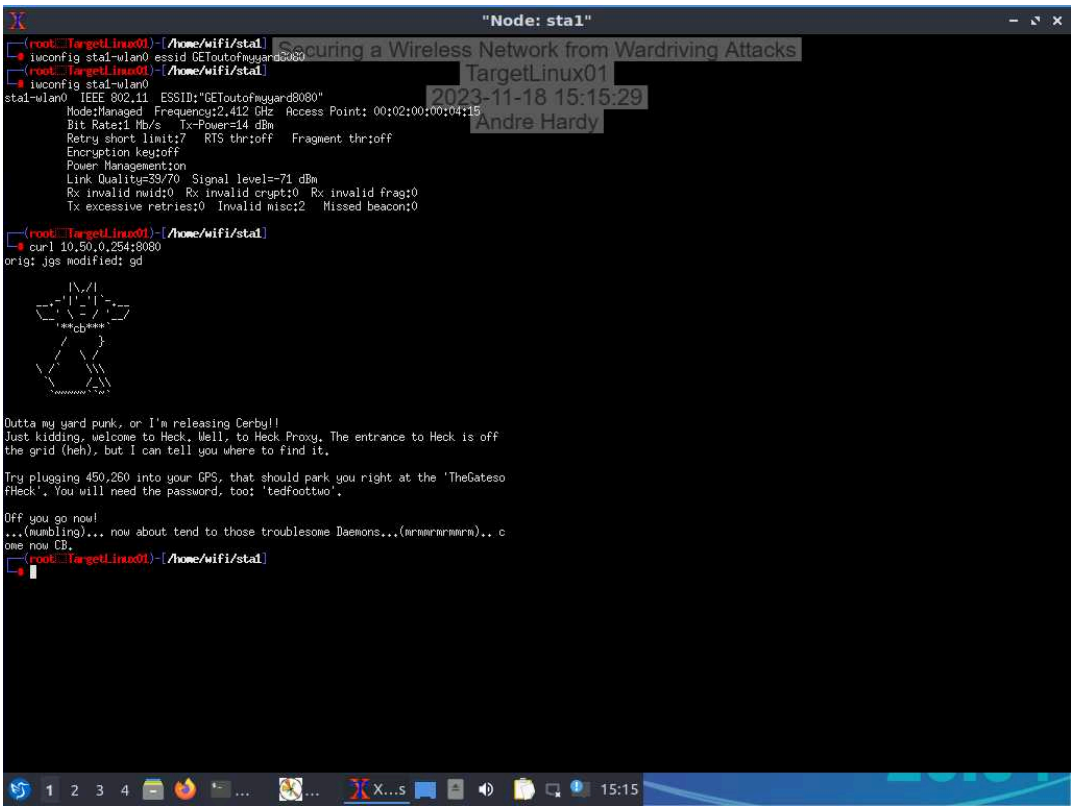
GEToutofmyyard8080

6. **Document** the SSID of the WEP-encrypted network you discovered.

BananaStand

Part 2: Investigate Potential Rogue Access Points

7. **Make a screen capture** showing the **response to your curl/GET request**.



Part 3: Connect to Hidden WPA2 Access Points

8. **Make a screen capture** showing the **decloaked *TheGatesofHeck* network in Kismet**.