Old Dominion University

CYSE 301 Cybersecurity Techniques and Operations

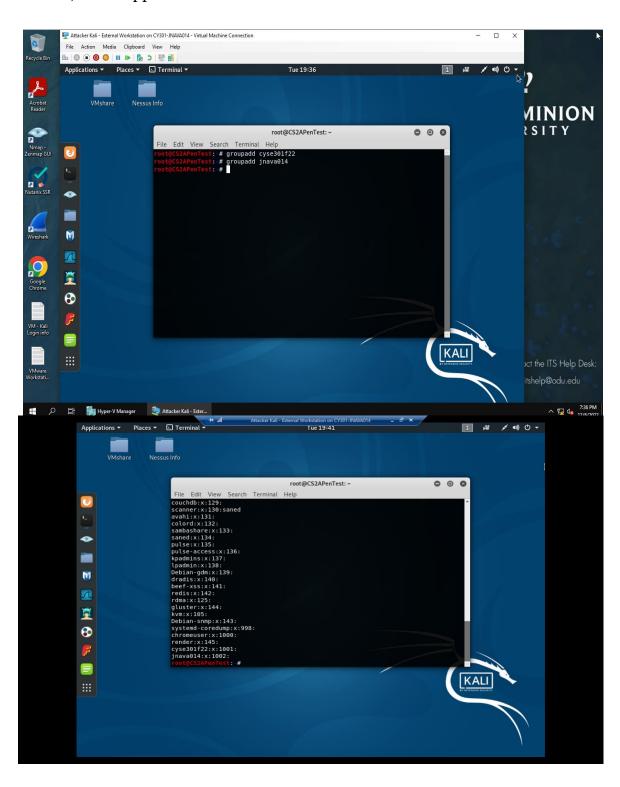
Assignment #5 – Password Cracking

Joey Navarrete

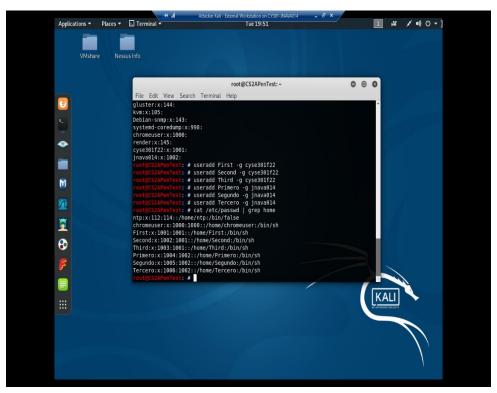
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Task A: Linux Password Cracking

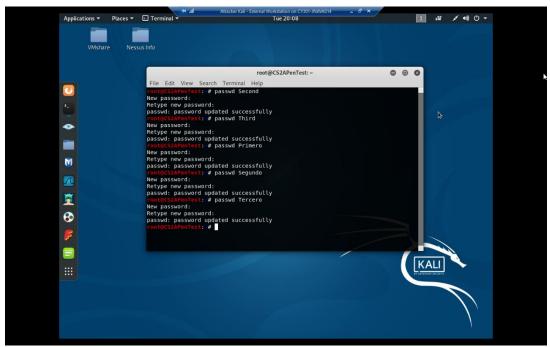
 In the second image, I used the cat /etc/group command to display the groups I added, which appear at the bottom of the list.





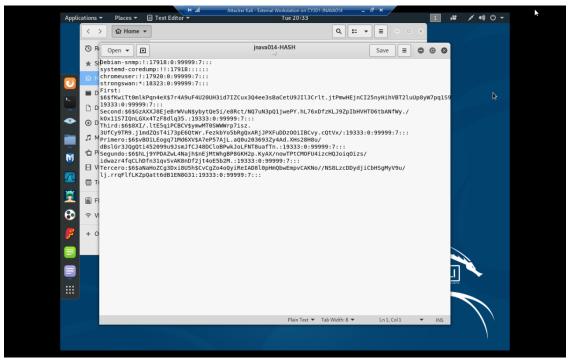


3. I also created a password for the "First" user, in which I went for the simple

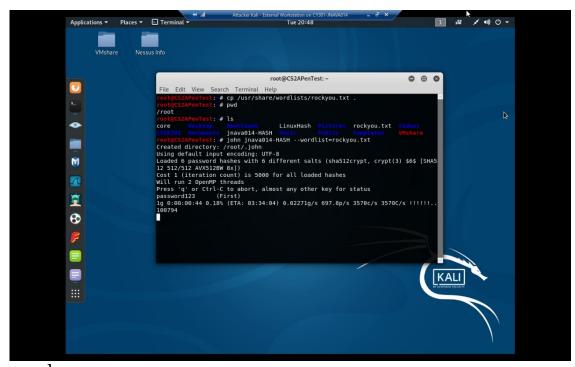


password123.



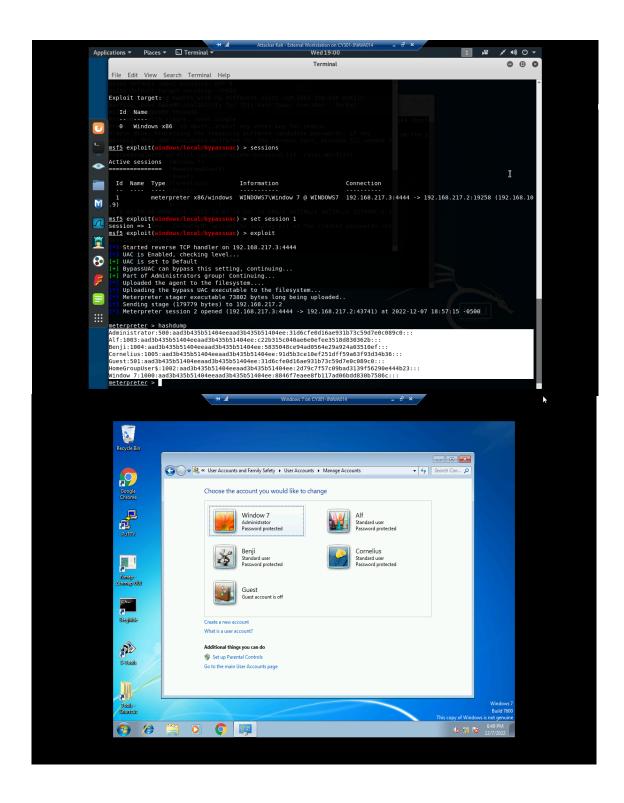


Using the dictionary attack, I was able to crack the password of the "First" user, which is



password123.

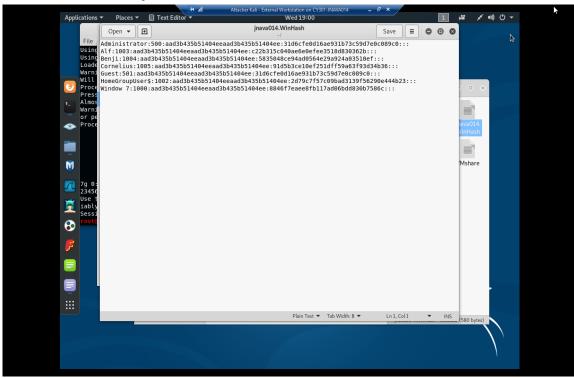
Task B: Windows Password Cracking



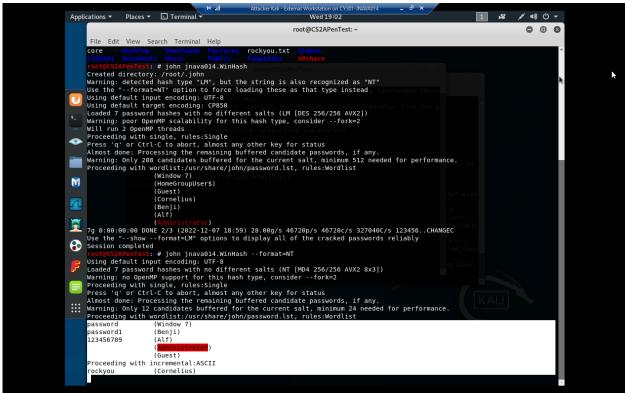
User accounts Alf, Benji, and Cornelius with different passwords

1. Password hashes using "hashdump" highlighted in white

2. Password hashes in jnava014.WinHash file

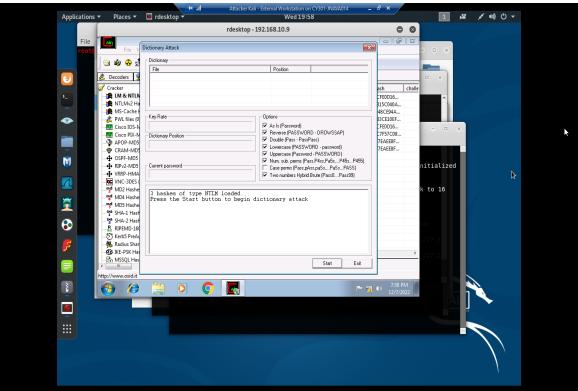


Cracked passwords for Alf, Benji, and Cornelius. I noticed that the first two



passwords were cracked right away because they're most likely the simplest passwords. But for Cornelius, while the password is still relatively simple, it still took a couple of extra seconds to crack it.

3. Getting ready to perform the dictionary attack.



2 of the 3 hashes were cracked using the dictionary attack.

