

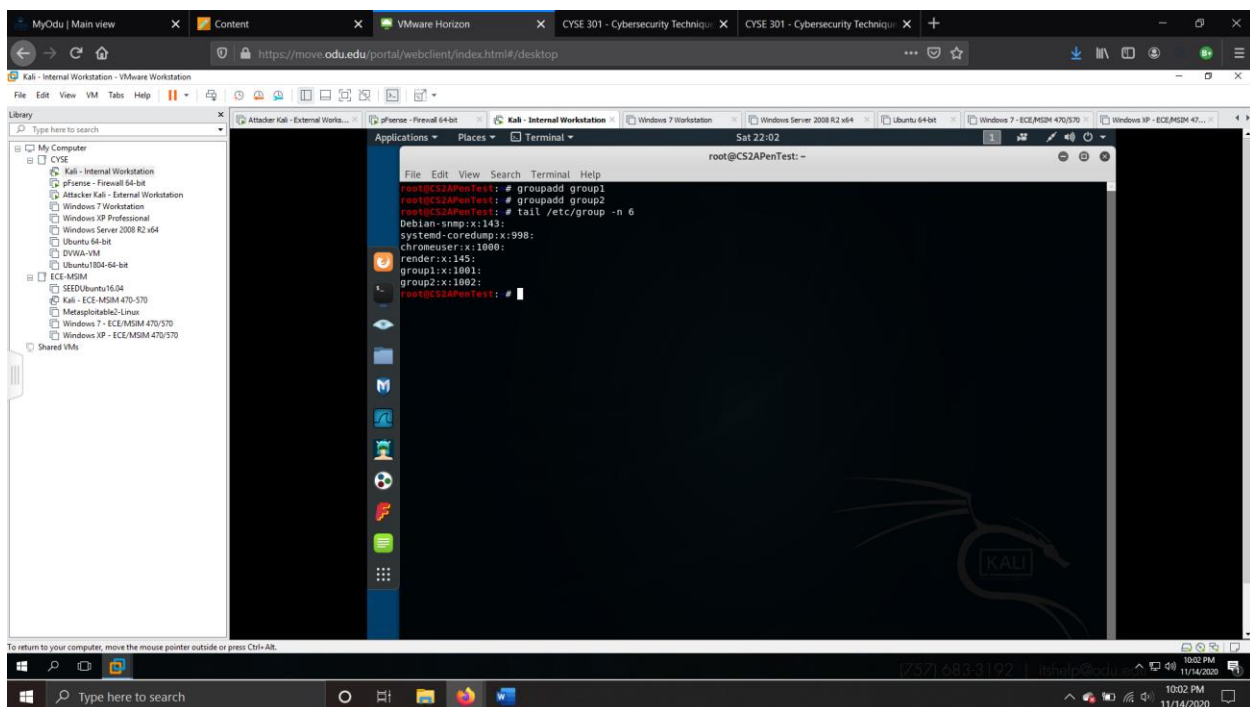
## Module #4

### Password Cracking

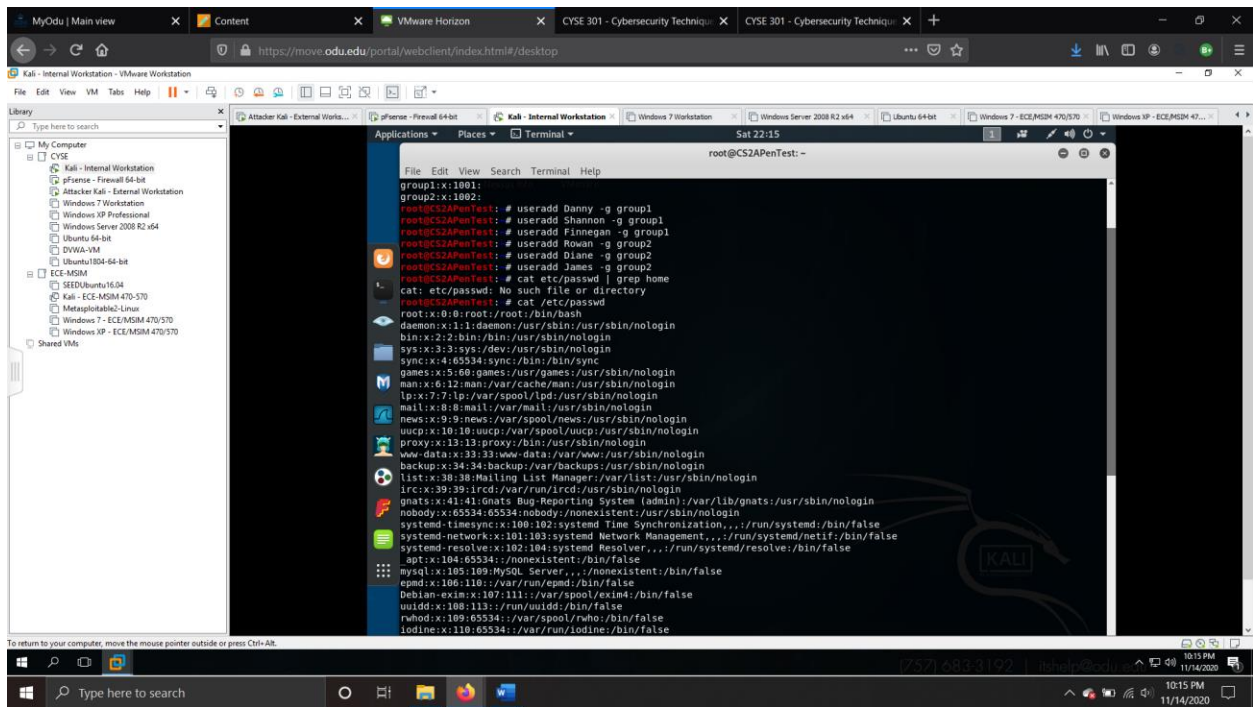
Daniel Lowry  
UID# 01162215

#### Task A: John the ripper - System password cracking

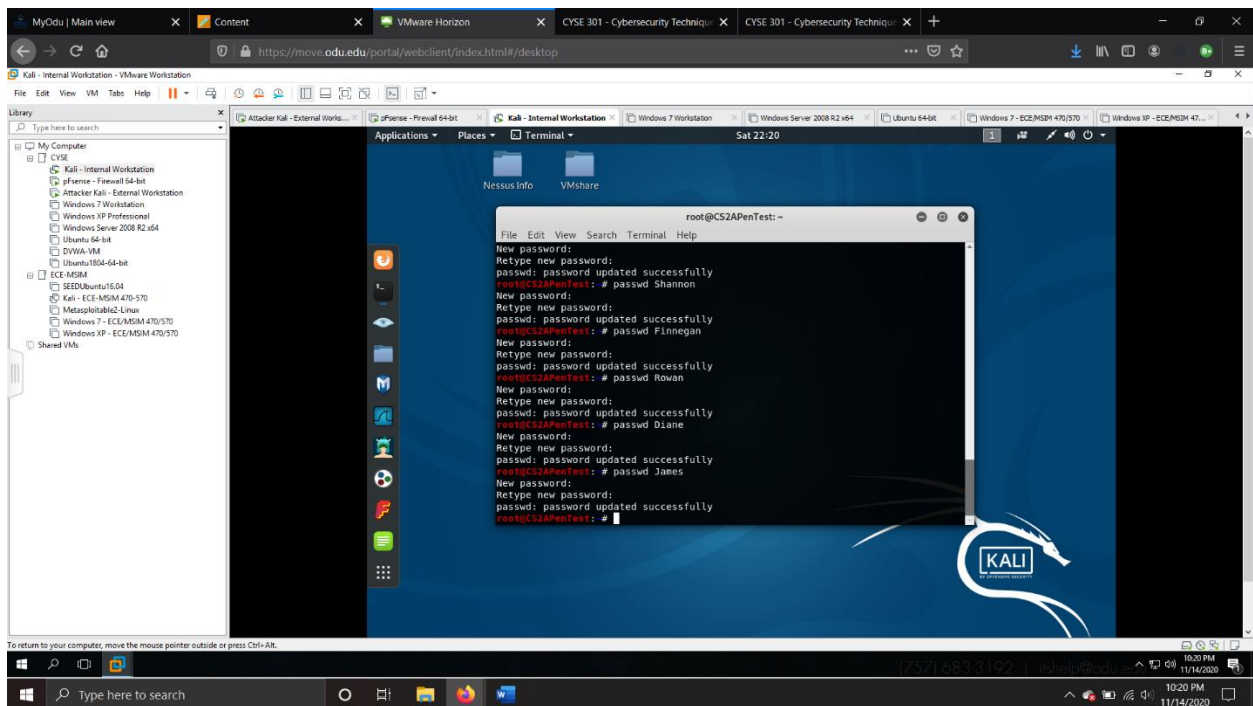
- 1) Create six different users with different passwords (separate into two groups) and add them to Kali VM. Then use John the Ripper to implement a dictionary attack to crack the passwords (no need to crack all of the passwords).



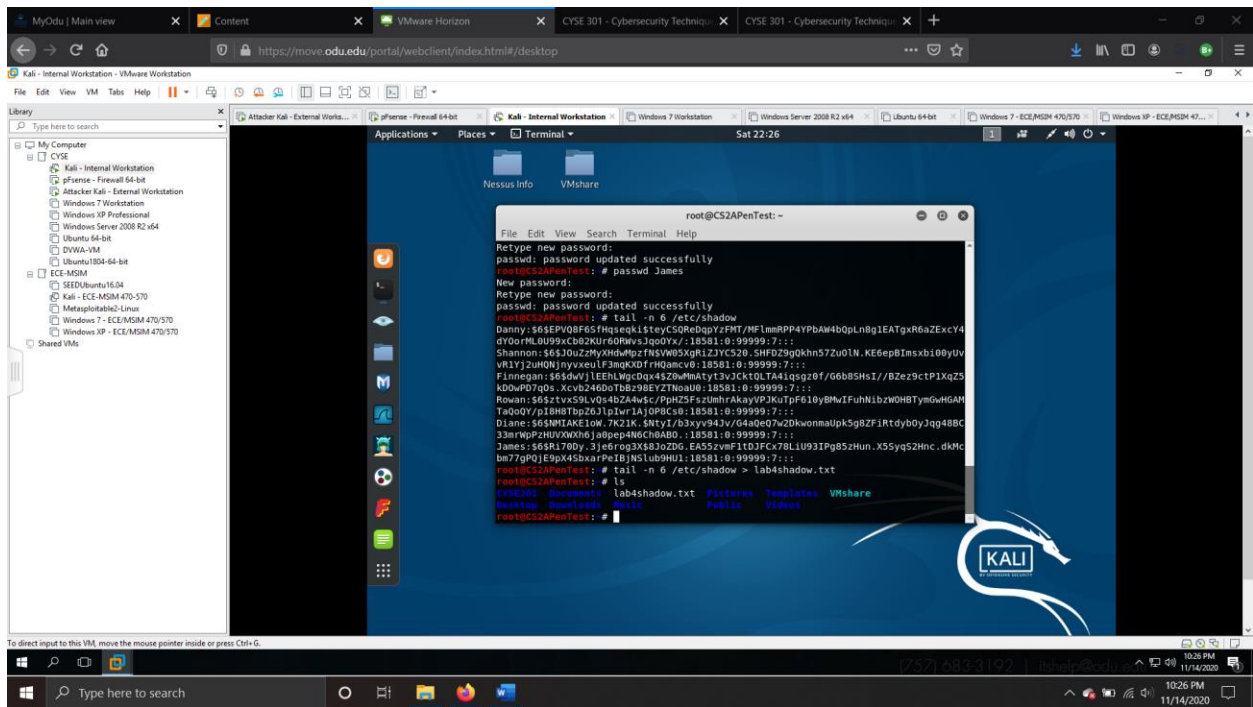
Added groups “group1 and group2”.



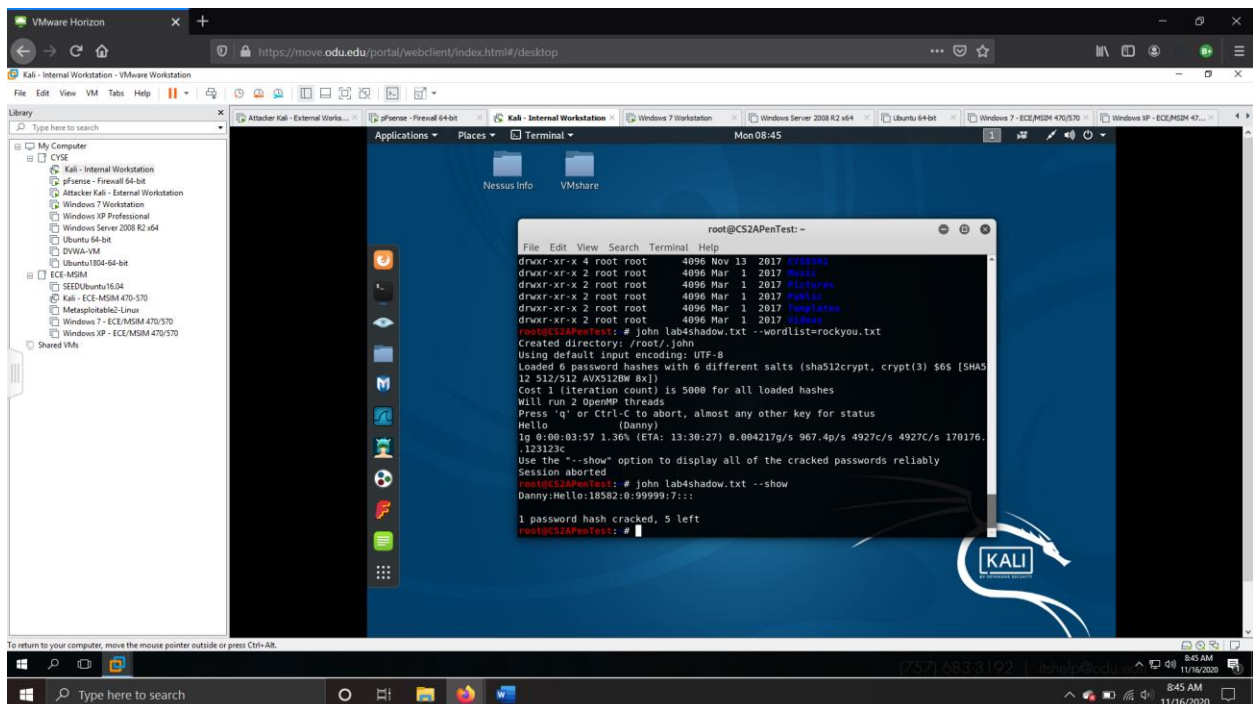
Added 3 users to each group.



Created passwords for all 6 users

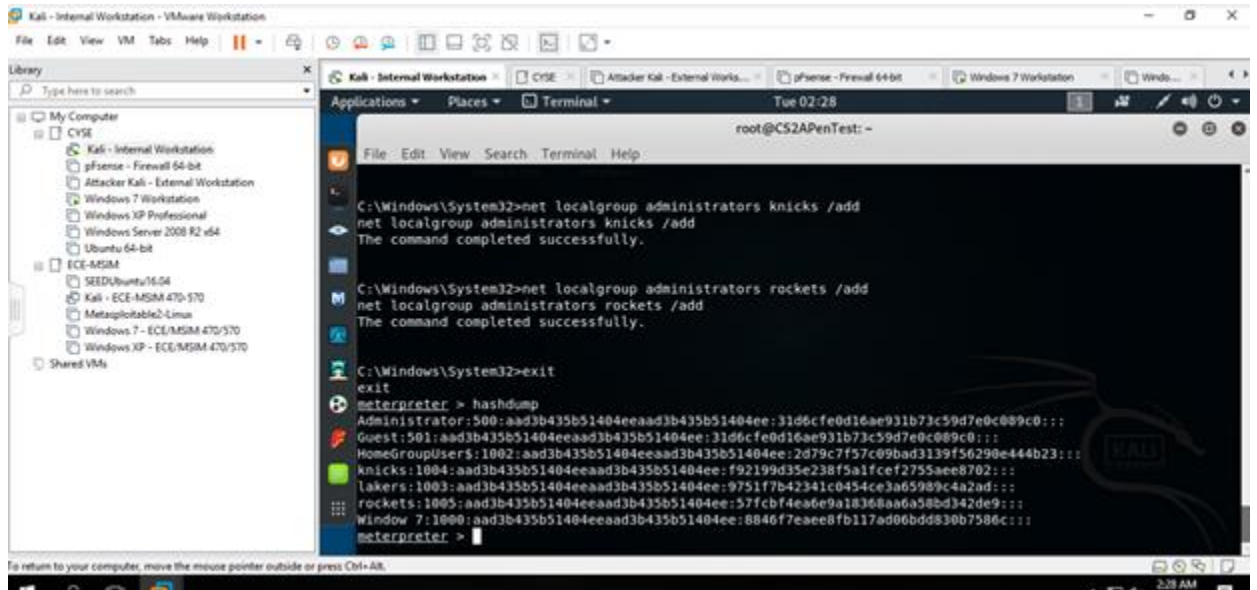


## Shadow file

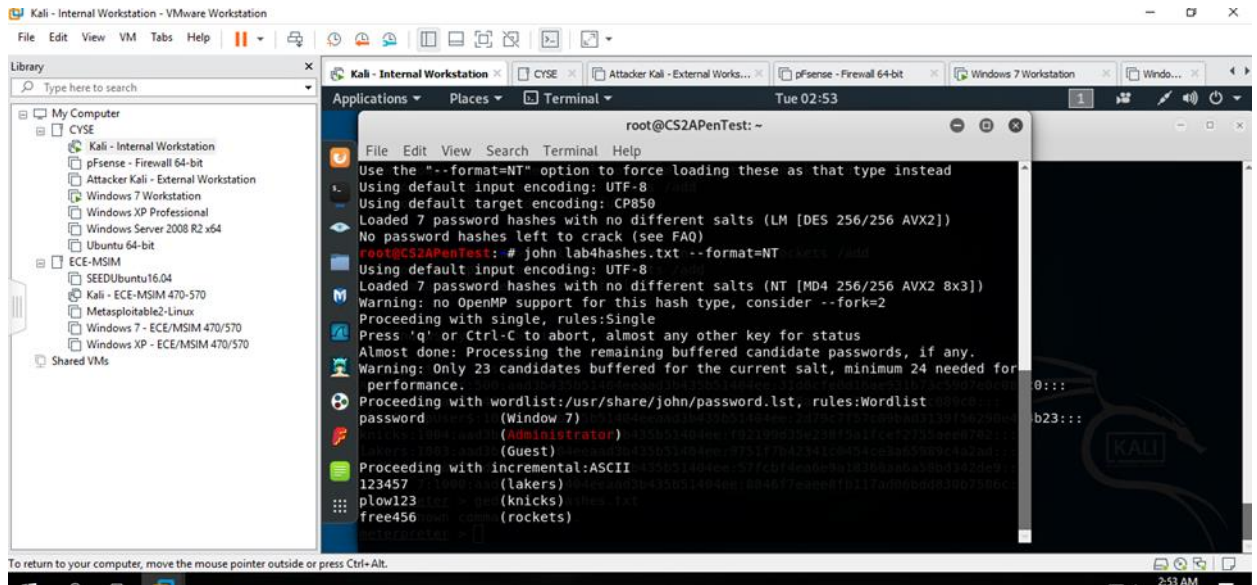


## John the ripper completed

- 2) Create a list of three users with the simple password in Windows 7 VM and use John the Ripper to crack the passwords (no need to crack all the passwords).



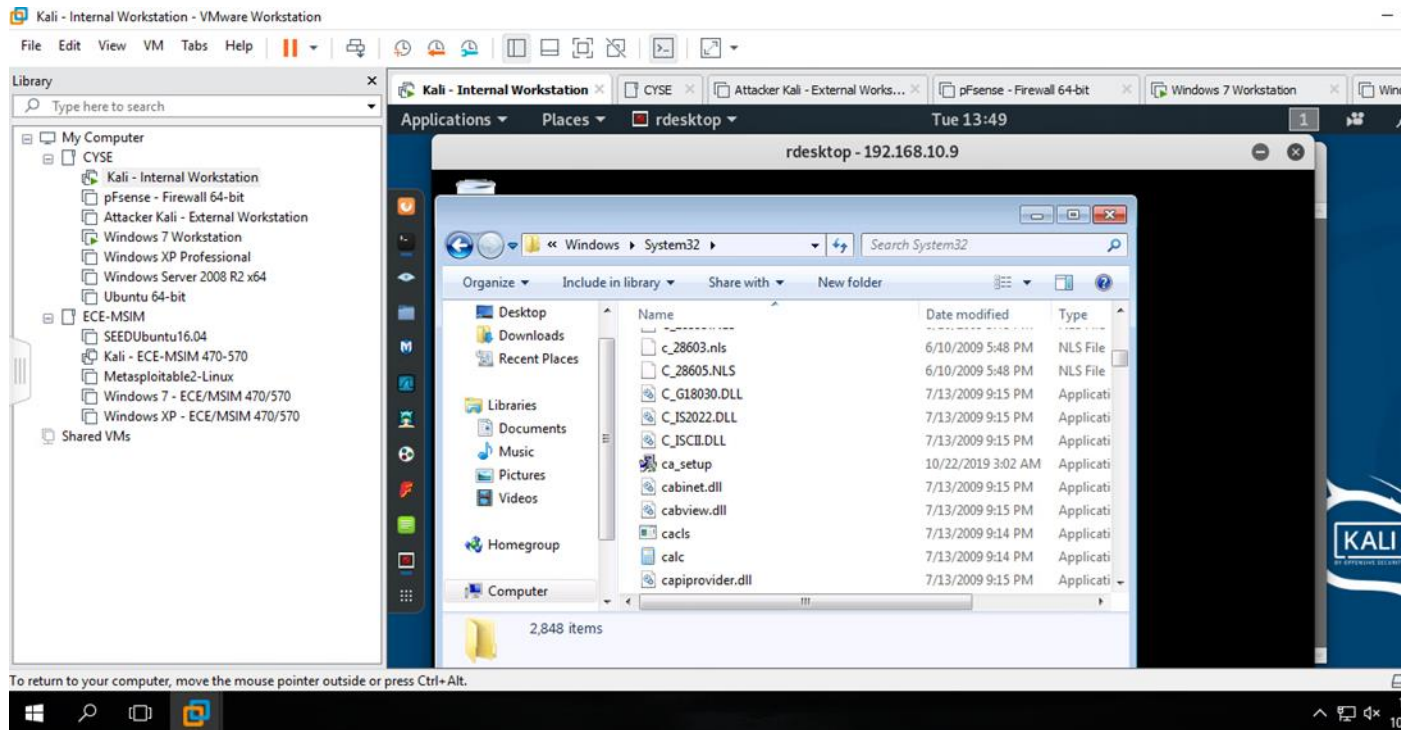
## Created 3 users in Windows 7 VM



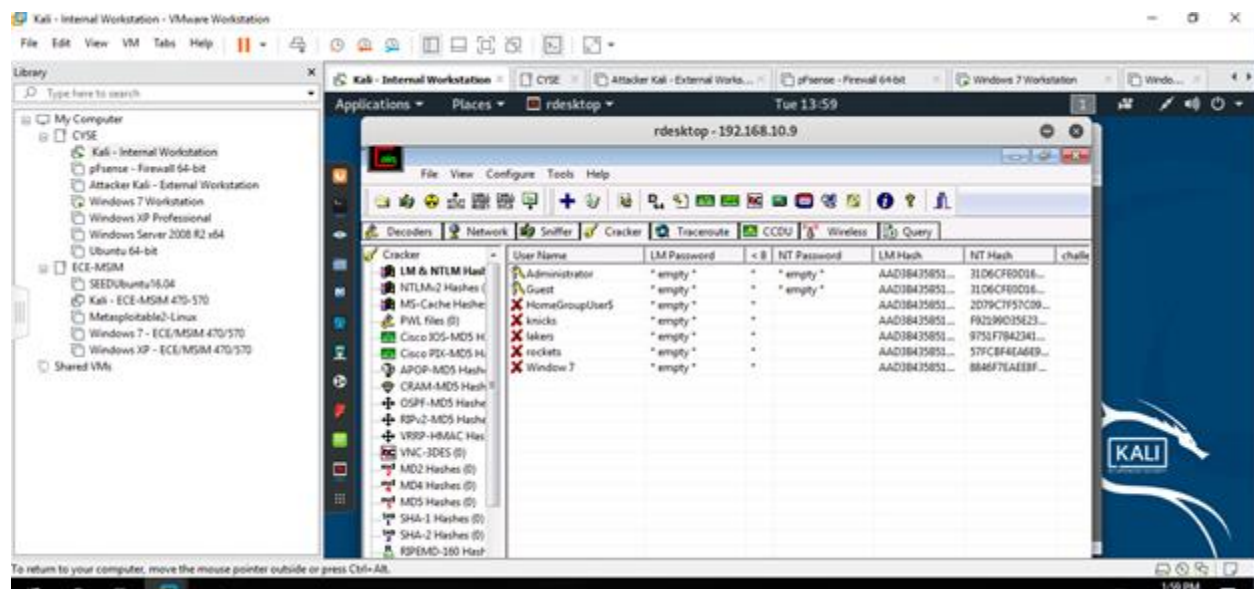
## John the ripper successful

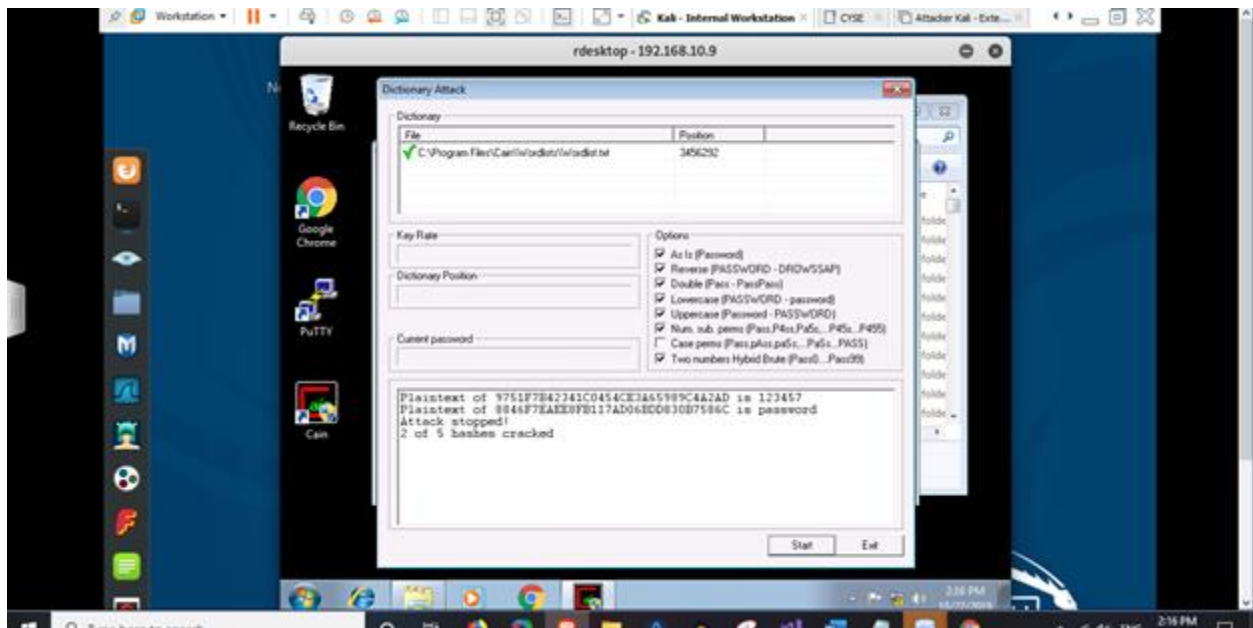


- 3) Use the same set of accounts you created in the previous step, use Cain and Abel to implement either a brute force attack or a dictionary attack to crack the passwords (no need to crack all the passwords).



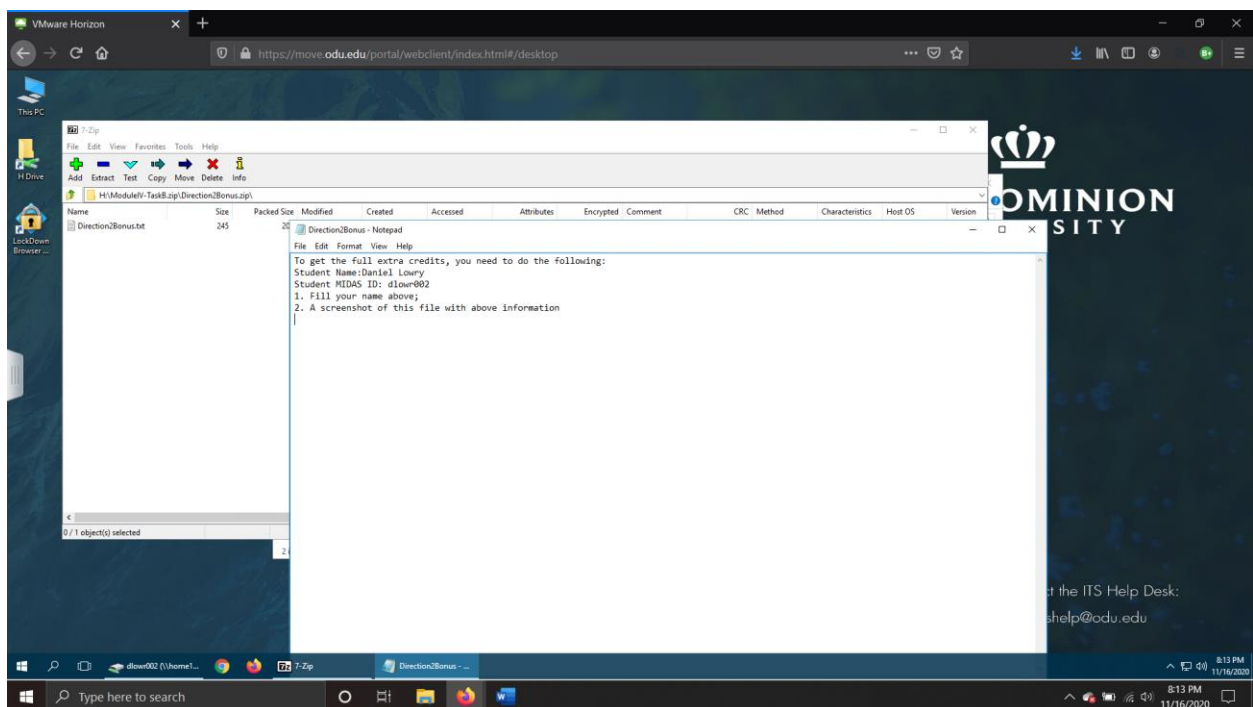
Rddesktop complete





Loaded user hash and completed dictionary attack

## Task B -- John the ripper - MD5 / ZIP password cracking



Bonus password is “password!”