

Lab 8 - CompTIA Lab 13 (Password Cracking)

- This is an individual assignment, and is worth 10 points.
- You are given a week for the lab (no late submittal).
- Follow the usual naming convention.
- The screenshot should look like the one on the lab file.
- Use Midwest gym. East Gym doesn't display the VMs properly.

Prep

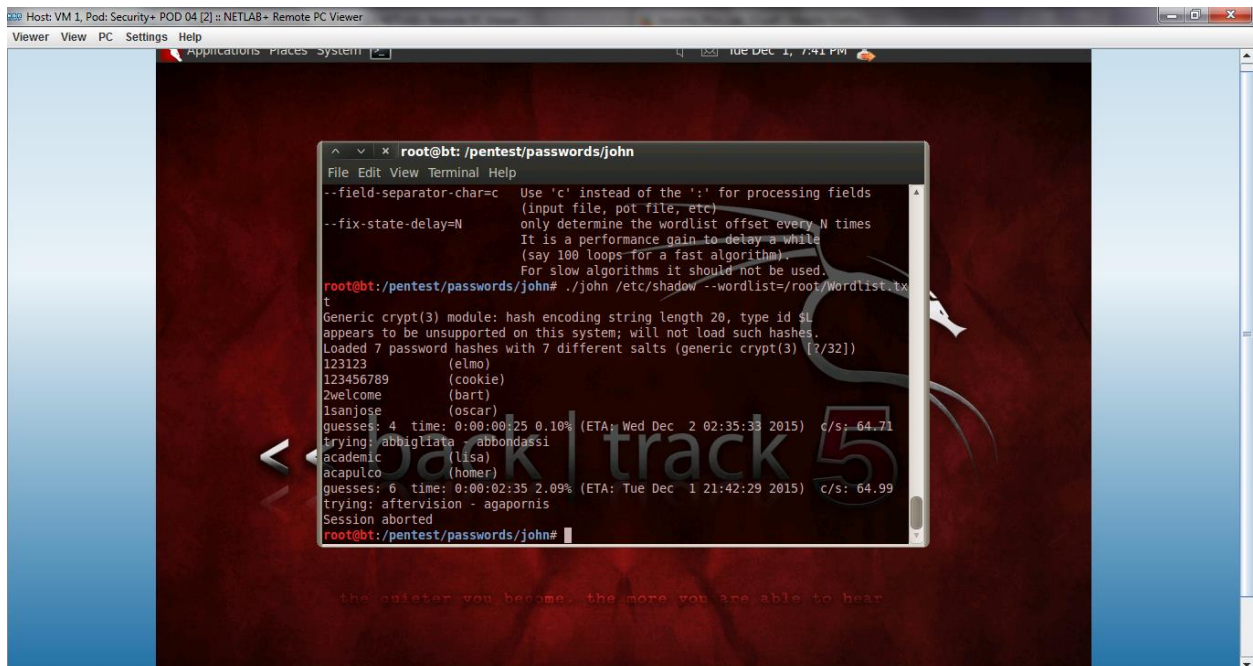
- You should first read the associated doc for the lab: Lab_PasswdCrack_Suppl.docx.

Self-Grading

- When you submit this lab, submit the self-grade as well. You grade your lab based on the honor system I explained on day 1. You provide the grade by typing in the textbox on the submission screen. If you lie in grading and this bothers your conscience, come to my office and let's talk about it. If you do not provide the self-grade, you will get a penalty.
- Grading criteria:
 - a. If you did not perform the requested task, deduct the point allocated for the task.
 - b. If you did not obtain the same screen, deduct half of the allocated point.
 - c. The grading scale is 1-10.

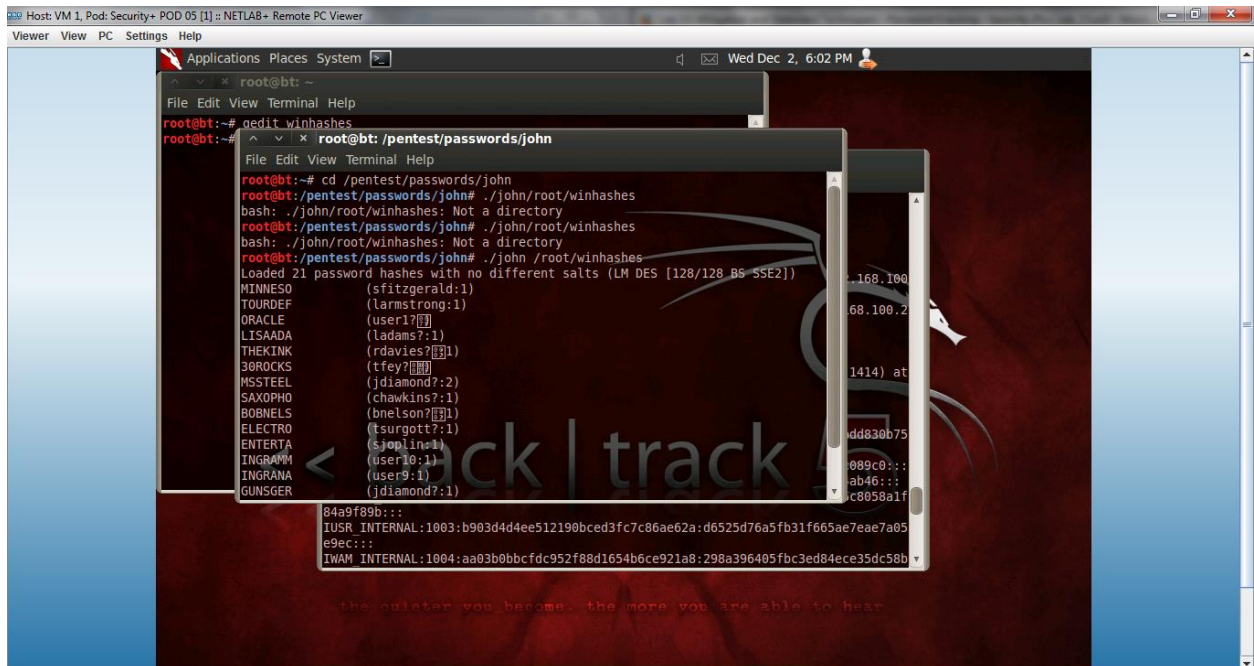
Tasks

1. (3 point) In Task 1, complete up to step 23 on page 13. Report the result of step 23 by providing a screenshot.



```
Host: VM 1, Pod: Security+ POD 04 [2] :: NETLAB+ Remote PC Viewer
Viewer View PC Settings Help
applications Places System
root@bt: /pentest/passwords/john
File Edit View Terminal Help
--field-separator-char=c Use 'c' instead of the ':' for processing fields
                        (input file, pot file, etc)
--fix-state-delay=N      only determine the wordlist offset every N times
                        It is a performance gain to delay a while
                        (say 100 loops for a fast algorithm)
                        For slow algorithms it should not be used.
root@bt: /pentest/passwords/john# ./john /etc/shadow --wordlist=/root/wordlist.txt
Generic crypt(3) module: hash encoding string length 20, type id $1
appears to be unsupported on this system; will not load such hashes.
Loaded 17 password hashes with 7 different salts (generic crypt(3) [?/32])
123123          (elmo)
123456789       (cookie)
2welcome        (bart)
1sanjose        (oscar)
guesses: 4 time: 0:00:00:25 0.10% (ETA: Wed Dec 2 02:35:33 2015) c/s: 64.71
trying: abbigliata - abbondassi
academic        (lisa)
acapulco        (homer)
guesses: 6 time: 0:00:02:35 2.09% (ETA: Tue Dec 1 21:42:29 2015) c/s: 64.99
trying: aftervision - agapornis
Session aborted
root@bt: /pentest/passwords/john#
```

2. (4 point) In Task 2, complete up to step 22 on page 25. Report the result of step 22 by providing a



screenshot.

3. (3 point) In Task 3, complete up to step 11 on page 31. Report the result of step 11 by providing a screenshot.

