CYSE 270: Linux System for Cybersecurity

Lab 5

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1. Passwords

User1 – laptop, User2- 6723, User3-phone44, User4- phone67@, User5- light09, User6- wAllEt53%

```
┌──(matthew-f㉿kali)-[~]
└─$ sudo useradd user1
[sudo] password for matthew-f:

┌──(matthew-f㉿kali)-[~]
└─$ sudo passwd user1
New password:
Retype new password:
passwd: password updated successfully

┌──(matthew-f㉿kali)-[~]
└─$ sudo useradd user2

┌──(matthew-f㉿kali)-[~]
└─$ sudo passwd user2
New password:
Retype new password:
passwd: password updated successfully

┌──(matthew-f㉿kali)-[~]
└─$ sudo useradd user3

┌──(matthew-f㉿kali)-[~]
└─$ sudo passwd user3
New password:
Retype new password:
passwd: password updated successfully

┌──(matthew-f㉿kali)-[~]
└─$ sudo useradd user4
```

```
┌──(matthew-f㉿kali)-[~]
└─$ sudo passwd user4
New password:
Retype new password:
passwd: password updated successfully
```

```
┌──(matthew-f㉿kali)-[~]
└─$ sudo useradd user5

┌──(matthew-f㉿kali)-[~]
└─$ sudo passwd user5
New password:
Retype new password:
passwd: password updated successfully

┌──(matthew-f㉿kali)-[~]
└─$ sudo useradd user6

┌──(matthew-f㉿kali)-[~]
└─$ sudo passwd user6
New password:
Retype new password:
passwd: password updated successfully
```

2.

```
user1:$y$j9T$Hn6LeUo.ufMxRVmw0la5e.$5E0403er06xudXuiGmaHRvApDKui6gjivWSh2AUbh8D:20366:0:99999:7:::
user2:$y$j9T$PgDX1ZRNIGufTteuQabzg0$vnvIroXRbPPIqxHpj.5BHF5uqOyOrJn2Dm9EnNb0Fg2:20366:0:99999:7:::
user3:$y$j9T$3jiYQ.edUpJmp1kdFm/l01$ZgBa1Iqozw.1203rnBXumlXqeY7R.m3ki2yeK4.y6dC:20366:0:99999:7:::
user4:$y$j9T$RhQwV8cJe/qA6PQ3Y3pbH1$mjhuXEQmvbUmyCcZVMwz/Y8aZN4T76uWMM0Dugfbl8/:20366:0:99999:7:::
user5:$y$j9T$mRjgxYhpxu66BIDR3txkQ0$0Zrtf2xiupvnO.x.3iRDUF4gmmLy06oXrZstpdHO7.4:20366:0:99999:7:::
user6:$y$j9T$h1InM0.u.zE6A4LgVnKPS1$lKblDdM0LnNm4YQyrqr5NI4l9HMSnw4ae04PJiLpBQC:20366:0:99999:7:::
```

From the cat mfox014.hash command

3.

```
┌──(matthew-f㉿kali)-[~]
└─$ sudo john --format=crypt mfox014.hash --wordlist=/home/matthew-f/rockyou.txt
Using default input encoding: UTF-8
Loaded 9 password hashes with 9 different salts (crypt, generic crypt(3) [?/64])
Cost 1 (algorithm [1:descrypt 2:md5crypt 3:sunmd5 4:bcrypt 5:sha256crypt 6:sha512crypt]) is 0 for all loaded hashes
Cost 2 (algorithm specific iterations) is 1 for all loaded hashes
Press 'q' or Ctrl-C to abort, almost any other key for status
laptop           (user1)
computers        (timmy)
```

I kept it running for 10+ minutes