

Nicholas Robertson

2/13/2023

Week 5 Assignment

1. The users I added was:

jim: none

```
nicholas@nicholas-VirtualBox:~$ sudo adduser jim
Adding user `jim' ...
Adding new group `jim' (1002) ...
Adding new user `jim' (1002) with group `jim' ...
Creating home directory `/home/jim' ...
Copying files from `/etc/skel' ...
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: password updated successfully
Changing the user information for jim
Enter the new value, or press ENTER for the default
    Full Name []:
    Room Number []:
    Work Phone []:
    Home Phone []:
    Other []:
Is the information correct? [Y/n] y
```

bob: 1234

```
nicholas@nicholas-VirtualBox:~$ sudo adduser Bob
[sudo] password for nicholas:
adduser: Please enter a username matching the regular expression configured
via the NAME_REGEX[_SYSTEM] configuration variable. Use the '--force-badname'
option to relax this check or reconfigure NAME_REGEX.
nicholas@nicholas-VirtualBox:~$ sudo adduser bob
Adding user `bob' ...
Adding new group `bob' (1001) ...
Adding new user `bob' (1001) with group `bob' ...
Creating home directory `/home/bob' ...
Copying files from `/etc/skel' ...
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: password updated successfully
Changing the user information for bob
Enter the new value, or press ENTER for the default
    Full Name []:
    Room Number []:
    Work Phone []:
    Home Phone []:
    Other []:
Is the information correct? [Y/n] y
```

adam: pass66

```
nicholas@nicholas-VirtualBox:~$ sudo adduser adam
Adding user `adam' ...
Adding new group `adam' (1003) ...
Adding new user `adam' (1003) with group `adam' ...
Creating home directory `/home/adam' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for adam
Enter the new value, or press ENTER for the default
    Full Name []:
    Room Number []:
    Work Phone []:
    Home Phone []:
    Other []:
Is the information correct? [Y/n] y
```

tony: blood28!?

```
nicholas@nicholas-VirtualBox:~$ sudo adduser tony
Adding user `tony' ...
Adding new group `tony' (1004) ...
Adding new user `tony' (1004) with group `tony' ...
Creating home directory `/home/tony' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for tony
Enter the new value, or press ENTER for the default
    Full Name []:
    Room Number []:
    Work Phone []:
    Home Phone []:
    Other []:
Is the information correct? [Y/n] y
```

luigi: crack82

```
nicholas@nicholas-VirtualBox:~$ sudo adduser luigi
Adding user `luigi' ...
Adding new group `luigi' (1005) ...
Adding new user `luigi' (1005) with group `luigi' ...
Creating home directory `/home/luigi' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
Sorry, passwords do not match.
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for luigi
Enter the new value, or press ENTER for the default
    Full Name []:
    Room Number []:
    Work Phone []:
    Home Phone []:
    Other []:
Is the information correct? [Y/n] y
```

tod: KaRt5429??!

```
nicholas@nicholas-VirtualBox:~$ sudo adduser tod
Adding user `tod' ...
Adding new group `tod' (1006) ...
Adding new user `tod' (1006) with group `tod' ...
Creating home directory `/home/tod' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for tod
Enter the new value, or press ENTER for the default
  Full Name []:
  Room Number []:
  Work Phone []:
  Home Phone []:
  Other []:
Is the information correct? [Y/n] y
```

2.

```
nicholas@nicholas-VirtualBox:~$ cat nrobe017.hash
tod:$6$txnmdVLBW68k3i2Y$skq1kY8eE.OD0vSttcJokX902ovz8HPhuHjJAnNtZ181M4ewQwpCjt7/
ya9GiYJDKH7j4gcx3mPCwDssizswW41:19401:0:99999:7:::
bob:$6$SuRexsJM2rAen8UjJ$pnbgbsQiTZhs1JkID3qrphoU0RBONdqrBiJk/54Yn.NcnZKslb824mU
hDJTAYO.1wpC1ufONiWtp1tA5sJJyc.:19401:0:99999:7:::
jim:$6$6jn9768iYQz0jxL$wcfiE3UM9KSZDwHONx80BbufwykfnO9xbhs2tC5vrXGVAT6GT1ta23s
mvctfgE6u2ow2c6NHjreXNTbjCP.Qq1:19401:0:99999:7:::
adam:$6$JCyWgd/3w16gjnBM$XZCNmdB.zPN07Woyw6wd0xNpzYgjpp50cQC3xht5JPe5hCn.tYUA4C
xFzQp0S/GAAVDZYBC1R2oUU9s5KUKpj0:19401:0:99999:7:::
tony:$6$Zi6dcUmCZWJoQzvu$YhLVcz2JW8f1wxUnsD/4Z.bbEQ6f55qpo/VB/PC/kEbZ64zIvBxosU
CjSAVAwK5XT/4oiBWatjYDjWtG1ETd4/:19401:0:99999:7:::
luigi:$6$y5w1Gv3q0bJ12iRO$.v3VXBguFHVUiXoXWypwmYiZ/qvHu.WED.tIWLlnZhvyl.j.4ZYsu
sR4omoffPv4.uxpzRE7Wr82QGpEMLkqL1:19401:0:99999:7:::
tod:$6$txnmdVLBW68k3i2Y$skq1kY8eE.OD0vSttcJokX902ovz8HPhuHjJAnNtZ181M4ewQwpCjt7/
ya9GiYJDKH7j4gcx3mPCwDssizswW41:19401:0:99999:7:::
nicholas@nicholas-VirtualBox:~$
```

```
nicholas@nicholas-VirtualBox:~$ john --wordlist=rockyou.txt nrobe017.hash
Warning: detected hash type "sha512crypt", but the string is also recognized as
"sha512crypt-opencl"
Use the "--format=sha512crypt-opencl" option to force loading these as that typ
e instead
Using default input encoding: UTF-8
Loaded 6 password hashes with 6 different salts (sha512crypt, crypt(3) $6$ [SHA
512 256/256 AVX2 4x])
Cost 1 (iteration count) is 5000 for all loaded hashes
Will run 2 OpenMP threads
Press 'q' or Ctrl-C to abort, 'h' for help, almost any other key for status
1234 (bob)
none (jim)
2g 0:00:21:41 5.33% (ETA: 20:48:27) 0.001537g/s 671.8p/s 2748c/s 2748C/s lucili
nda..lt0987
2g 0:00:22:10 5.45% (ETA: 20:48:22) 0.001503g/s 671.3p/s 2745c/s 2745C/s kleber
1..kj1116
Warning: passwords printed above might not be all those cracked
Use the "--show" option to display all of the cracked passwords reliably
Session aborted
nicholas@nicholas-VirtualBox:~$ john --show nrobe017.hash
bob:1234:19401:0:99999:7:::
jim:none:19401:0:99999:7:::

2 password hashes cracked, 5 left
nicholas@nicholas-VirtualBox:~$ █
```

3.