

# P6 Report

Nick Werle

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## 1 Preamble

All necessary files will be uploaded to my githb repository at [https://github.com/NickWer/CEG3900\\_P6](https://github.com/NickWer/CEG3900_P6)

## 2 Task 1

I created four ubuntu server instances on AWS EC2 and then manually segmented each file into 13 rows (52 hashes to begin). I let the four instances of John run for 3 hours and managed, as expected to crack the guest password (guest007).

At this time I haven't started the android APK - it's unclear how I'm going to make it run. That is, I think it won't be bad to start the process, but I'm unsure how I will be able to get the output/list collected passwords. Perhaps two buttons - one that starts john, the other that runs 'john -show etc-shadow-2009.txt' and returns that output.

```
ubuntu@ip-172-31-26-17: ~
File Edit View Search Terminal Help
Warning: MaxLen = 13 is too large for the current hash type, reduced to 8
1g 0:00:00:43 3/3 0.02320g/s 78708p/s 3940Kc/s 3940KC/s jhoct86..jhaya10
Use the "--show" option to display all of the cracked passwords reliably
Session aborted
ubuntu@ip-172-31-26-17:~$ vim etc-shadow-2009.txt
ubuntu@ip-172-31-26-17:~$ john etc-shadow-2009.txt
Loaded 13 password hashes with 13 different salts (descrypt, traditional crypt(3) [DES 128/128 SSE2-16])
Remaining 12 password hashes with 12 different salts
Press 'q' or Ctrl-C to abort, almost any other key for status
Warning: MaxLen = 13 is too large for the current hash type, reduced to 8
0g 0:00:04:40 3/3 0g/s 333199p/s 3997Kc/s 3997KC/s ipafd..ipudc
█

ubuntu@ip-172-31-25-48: ~
File Edit View Search Terminal Help
guest007 (guest)
Warning: MaxLen = 13 is too large for the current hash type, reduced to 8
1g 0:00:00:28 3/3 0.03522g/s 79224p/s 3928Kc/s 3928KC/s sammyla1..sammiers
Use the "--show" option to display all of the cracked passwords reliably
Session aborted
ubuntu@ip-172-31-25-48:~$ vim etc-shadow-2009.txt
ubuntu@ip-172-31-25-48:~$ john etc-shadow-2009.txt
Loaded 13 password hashes with 13 different salts (descrypt, traditional crypt(3) [DES 128/128 SSE2-16])
Press 'q' or Ctrl-C to abort, almost any other key for status
Warning: MaxLen = 13 is too large for the current hash type, reduced to 8
0g 0:00:04:19 3/3 0g/s 310236p/s 4032Kc/s 4032KC/s jbonk*..jbos7g
█

ubuntu@ip-172-31-29-20: ~
File Edit View Search Terminal Help
guest007 (guest)
Warning: MaxLen = 13 is too large for the current hash type, reduced to 8
1g 0:00:00:24 3/3 0.04139g/s 78684p/s 3881Kc/s 3881KC/s dhd67..djbeh
Use the "--show" option to display all of the cracked passwords reliably
Session aborted
ubuntu@ip-172-31-29-20:~$ vim etc-shadow-2009.txt
ubuntu@ip-172-31-29-20:~$ john etc-shadow-2009.txt
Loaded 13 password hashes with 13 different salts (descrypt, traditional crypt(3) [DES 128/128 SSE2-16])
Press 'q' or Ctrl-C to abort, almost any other key for status
Warning: MaxLen = 13 is too large for the current hash type, reduced to 8
0g 0:00:03:56 3/3 0g/s 308969p/s 4015Kc/s 4015KC/s k1ktuy..k1kt0l
█

ubuntu@ip-172-31-30-55: ~
File Edit View Search Terminal Help
guest007 (guest)
Warning: MaxLen = 13 is too large for the current hash type, reduced to 8
1g 0:00:00:18 3/3 0.05473g/s 78836p/s 3846Kc/s 3846KC/s riely..rubbu
Use the "--show" option to display all of the cracked passwords reliably
Session aborted
ubuntu@ip-172-31-30-55:~$ vim etc-shadow-2009.txt
ubuntu@ip-172-31-30-55:~$ john etc-shadow-2009.txt
Loaded 13 password hashes with 13 different salts (descrypt, traditional crypt(3) [DES 128/128 SSE2-16])
Press 'q' or Ctrl-C to abort, almost any other key for status
Warning: MaxLen = 13 is too large for the current hash type, reduced to 8
0g 0:00:03:27 3/3 0g/s 311386p/s 4047Kc/s 4047KC/s atwly!..atwl9y
█
```

Figure 1: Task 1 - Four instances running at once over ssh