

Reporte Proyecto 3

Integrantes del equipo

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En clase se vio la herramienta hashcat. En un breve reporte escrito, mostrar con capturas de pantalla utilizando esta herramienta para recuperar el valor de los siguientes hash MD5:

Capturas de pantalla

Hash: cfcd8dea4ea90b111162ba33419bae6c

```
1 [|||||] 89.3% Tasks: 104, 448 thr: 4 running
2 [|||||] 89.3% Load average: 2.02 0.75 0.39
3 [|||||] 89.3% Uptime: 00:28:24
4 [|||||] 88.4%
Mem[|||||] 3.31G/15.6G
Swp[|||||] 0K/0K

PID USER PRI NI VIRT RES SHR S CPU% MEM% TIME+ Command
5798 azureuser 20 0 3990M 824M 53720 S 364. 5.1 3:34.65 hashcat --force -a 3 -m 0 hash1.txt
5801 azureuser 20 0 3990M 824M 53720 R 91.3 5.1 0:47.04 hashcat --force -a 3 -m 0 hash1.txt
5800 azureuser 20 0 3990M 824M 53720 R 89.9 5.1 0:46.97 hashcat --force -a 3 -m 0 hash1.txt
5802 azureuser 20 0 3990M 824M 53720 R 89.3 5.1 0:46.77 hashcat --force -a 3 -m 0 hash1.txt
5799 azureuser 20 0 3990M 824M 53720 R 88.6 5.1 0:46.91 hashcat --force -a 3 -m 0 hash1.txt
5906 azureuser 20 0 3990M 824M 53720 S 6.0 5.1 0:01.23 hashcat --force -a 3 -m 0 hash1.txt

Profile 5 — Konsole Profile 5 — Konsole
Hash.Type.....: MD5
Hash.Target.....: cfcd8dea4ea90b111162ba33419bae6c
Time.Started.....: Sat Jan 30 23:52:19 2021 (33 secs)
Time.Estimated...: Sat Jan 30 23:52:52 2021 (0 secs)
Guess.Mask.....: ?1?2?2?2?2?2 [6]
Guess.Charset....: -1 ?l?d?u, -2 ?l?d, -3 ?l?d*!$@_, -4 Undefined
Guess.Queue.....: 6/15 (40.00%)
Speed.Dev.#1.....: 111.4 MH/s (1.55ms)
Recovered.....: 0/1 (0.00%) Digests, 0/1 (0.00%) Salts
Progress.....: 3748902912/3748902912 (100.00%)
Rejected.....: 0/3748902912 (0.00%)
Restore.Point....: 1679616/1679616 (100.00%)
Candidates.#1....: 0qw5qx -> Xqqfqx
HWMon.Dev.#1.....: N/A

- Device #1: autotuned kernel-accel to 1024
- Device #1: autotuned kernel-loops to 64
cfcd8dea4ea90b111162ba33419bae6c:quedate [s]tatus [p]ause [r]esume [b]ypass [c]heckpoint [q]uit =>

Session.....: hashcat
Status.....: Cracked
Hash.Type.....: MD5
Hash.Target.....: cfcd8dea4ea90b111162ba33419bae6c
Time.Started.....: Sat Jan 30 23:52:52 2021 (39 secs)
Time.Estimated...: Sat Jan 30 23:53:31 2021 (0 secs)
Guess.Mask.....: ?1?2?2?2?2?2?2 [7]
Guess.Charset....: -1 ?l?d?u, -2 ?l?d, -3 ?l?d*!$@_, -4 Undefined
Guess.Queue.....: 7/15 (46.67%)
Speed.Dev.#1.....: 117.1 MH/s (2.06ms)
Recovered.....: 1/1 (100.00%) Digests, 1/1 (100.00%) Salts
Progress.....: 4397858816/134960504832 (3.26%)
Rejected.....: 0/4397858816 (0.00%)
Restore.Point....: 53248/1679616 (3.17%)
Candidates.#1....: quetow1 -> urdz271
HWMon.Dev.#1.....: N/A

Started: Sat Jan 30 23:51:53 2021
Stopped: Sat Jan 30 23:53:32 2021

~/tmp took 1m 39s with azureuser@zeus
```

Hash: 9cfefed8fb9497baa5cd519d7d2bb5d7

```
Profile 5 — Konsole
Speed.Dev.#1.....: 0 H/s (0.01ms)
Recovered.....: 0/1 (0.00%) Digests, 0/1 (0.00%) Salts
Progress.....: 62/62 (100.00%)
Rejected.....: 0/62 (0.00%)
Restore.Point....: 1/1 (100.00%)
Candidates.#1....: 6 -> X
HWMon.Dev.#1.....: N/A

- Device #1: autotuned kernel-accel to 1024
- Device #1: autotuned kernel-loops to 31
[s]tatus [p]ause [r]esume [b]ypass [c]heckpoint [q]uit => The wordlist or mask that you are using is too small.
This means that hashcat cannot use the full parallel power of your device(s).
Unless you supply more work, your cracking speed will drop.
For tips on supplying more work, see: https://hashcat.net/faq/morework

Approaching final keypace - workload adjusted.

9cfefed8fb9497baa5cd519d7d2bb5d7:en

Session.....: hashcat
Status.....: Cracked
Hash.Type.....: MD5
Hash.Target.....: 9cfefed8fb9497baa5cd519d7d2bb5d7
Time.Started.....: Sat Jan 30 23:54:58 2021 (0 secs)
Time.Estimated...: Sat Jan 30 23:54:58 2021 (0 secs)
Guess.Mask.....: ?l?2 [2]
Guess.Charset....: -1 ?l?d?u, -2 ?l?d, -3 ?l?d*!$@_, -4 Undefined
Guess.Queue.....: 2/15 (13.33%)
Speed.Dev.#1.....: 6686 H/s (0.05ms)
Recovered.....: 1/1 (100.00%) Digests, 1/1 (100.00%) Salts
Progress.....: 1116/2232 (50.00%)
Rejected.....: 0/1116 (0.00%)
Restore.Point....: 0/36 (0.00%)
Candidates.#1....: sa -> 7q
HWMon.Dev.#1.....: N/A

Started: Sat Jan 30 23:54:55 2021
Stopped: Sat Jan 30 23:55:00 2021

~/tmp took 5s with azureuser@zeus
```

Hash: 202447d5d44ce12531f7207cb33b6bf7

```
Profile 5 — Konsole
Hash.Type.....: MD5
Hash.Target.....: 202447d5d44ce12531f7207cb33b6bf7
Time.Started.....: Sat Jan 30 23:56:02 2021 (0 secs)
Time.Estimated...: Sat Jan 30 23:56:02 2021 (0 secs)
Guess.Mask.....: ?l?2?2 [3]
Guess.Charset....: -1 ?l?d?u, -2 ?l?d, -3 ?l?d*!$@_, -4 Undefined
Guess.Queue.....: 3/15 (20.00%)
Speed.Dev.#1.....: 732.0 kH/s (0.35ms)
Recovered.....: 0/1 (0.00%) Digests, 0/1 (0.00%) Salts
Progress.....: 80352/80352 (100.00%)
Rejected.....: 0/80352 (0.00%)
Restore.Point....: 1296/1296 (100.00%)
Candidates.#1....: 6ar -> Xqx
HWMon.Dev.#1.....: N/A

- Device #1: autotuned kernel-accel to 1024
- Device #1: autotuned kernel-loops to 31
202447d5d44ce12531f7207cb33b6bf7:cas [s]tatus [p]ause [r]esume [b]ypass [c]heckpoint [q]uit =>

Session.....: hashcat
Status.....: Cracked
Hash.Type.....: MD5
Hash.Target.....: 202447d5d44ce12531f7207cb33b6bf7
Time.Started.....: Sat Jan 30 23:56:02 2021 (0 secs)
Time.Estimated...: Sat Jan 30 23:56:02 2021 (0 secs)
Guess.Mask.....: ?l?2?2?2 [4]
Guess.Charset....: -1 ?l?d?u, -2 ?l?d, -3 ?l?d*!$@_, -4 Undefined
Guess.Queue.....: 4/15 (26.67%)
Speed.Dev.#1.....: 3091.7 kH/s (1.30ms)
Recovered.....: 1/1 (100.00%) Digests, 1/1 (100.00%) Salts
Progress.....: 380928/2892672 (13.17%)
Rejected.....: 0/380928 (0.00%)
Restore.Point....: 4096/46656 (8.78%)
Candidates.#1....: skue -> 7sok
HWMon.Dev.#1.....: N/A

Started: Sat Jan 30 23:55:59 2021
Stopped: Sat Jan 30 23:56:03 2021

~/tmp took 4s with azureuser@zeus
```

Hash: 7cf41ff971d626b865524717448c298a

```
speed.Dev.#1.....: 18546 n/s (0.03ms)
Recovered.....: 0/1 (0.00%) Digests, 0/1 (0.00%) Salts
Progress.....: 2232/2232 (100.00%)
Rejected.....: 0/2232 (0.00%)
Restore.Point....: 36/36 (100.00%)
Candidates.#1....: 6a -> Xq
HWMon.Dev.#1.....: N/A

- Device #1: autotuned kernel-accel to 1024
- Device #1: autotuned kernel-loops to 31
[s]tatus [p]ause [r]esume [b]ypass [c]heckpoint [q]uit => The wordlist or mask that you are using is too small.
This means that hashcat cannot use the full parallel power of your device(s).
Unless you supply more work, your cracking speed will drop.
For tips on supplying more work, see: https://hashcat.net/faq/morework

Approaching final keypace - workload adjusted.

7cf41ff971d626b865524717448c298a:por

Session.....: hashcat
Status.....: Cracked
Hash.Type.....: MD5
Hash.Target.....: 7cf41ff971d626b865524717448c298a
Time.Started.....: Sat Jan 30 23:56:52 2021 (0 secs)
Time.Estimated....: Sat Jan 30 23:56:52 2021 (0 secs)
Guess.Mask.....: ?1?2?2 [3]
Guess.Charset....: -1 ?l?d?u, -2 ?l?d, -3 ?l?d*!$@_, -4 Undefined
Guess.Queue.....: 3/15 (20.00%)
Speed.Dev.#1.....: 361.0 kH/s (0.37ms)
Recovered.....: 1/1 (100.00%) Digests, 1/1 (100.00%) Salts
Progress.....: 40176/80352 (50.00%)
Rejected.....: 0/40176 (0.00%)
Restore.Point....: 0/1296 (0.00%)
Candidates.#1....: sar -> Tqx
HWMon.Dev.#1.....: N/A

Started: Sat Jan 30 23:56:50 2021
Stopped: Sat Jan 30 23:56:54 2021

[icon] ~/tmp took 5s [icon] [icon] with azureuser@zeus
1 2 3
```

Hash: 047fb90408a79f189d51cbcea168b1a5

```
Hash.Type.....: MD5
Hash.Target.....: 047fb90408a79f189d51cbcea168b1a5
Time.Started.....: Sat Jan 30 23:57:30 2021 (1 sec)
Time.Estimated....: Sat Jan 30 23:57:31 2021 (0 secs)
Guess.Mask.....: ?1?2?2?2 [4]
Guess.Charset....: -1 ?l?d?u, -2 ?l?d, -3 ?l?d*!$@_, -4 Undefined
Guess.Queue.....: 4/15 (26.67%)
Speed.Dev.#1.....: 19297.0 kH/s (1.34ms)
Recovered.....: 0/1 (0.00%) Digests, 0/1 (0.00%) Salts
Progress.....: 2892672/2892672 (100.00%)
Rejected.....: 0/2892672 (0.00%)
Restore.Point....: 46656/46656 (100.00%)
Candidates.#1....: 67kx -> Xqyv
HWMon.Dev.#1.....: N/A

- Device #1: autotuned kernel-accel to 1024
- Device #1: autotuned kernel-loops to 31
047fb90408a79f189d51cbcea168b1a5:favor [s]tatus [p]ause [r]esume [b]ypass [c]heckpoint [q]uit =>

Session.....: hashcat
Status.....: Cracked
Hash.Type.....: MD5
Hash.Target.....: 047fb90408a79f189d51cbcea168b1a5
Time.Started.....: Sat Jan 30 23:57:31 2021 (0 secs)
Time.Estimated....: Sat Jan 30 23:57:31 2021 (0 secs)
Guess.Mask.....: ?1?2?2?2?2 [5]
Guess.Charset....: -1 ?l?d?u, -2 ?l?d, -3 ?l?d*!$@_, -4 Undefined
Guess.Queue.....: 5/15 (33.33%)
Speed.Dev.#1.....: 33150.1 kH/s (1.11ms)
Recovered.....: 1/1 (100.00%) Digests, 1/1 (100.00%) Salts
Progress.....: 5967872/104136192 (5.73%)
Rejected.....: 0/5967872 (0.00%)
Restore.Point....: 94208/1679616 (5.61%)
Candidates.#1....: sfjal -> 7c722
HWMon.Dev.#1.....: N/A

Started: Sat Jan 30 23:57:28 2021
Stopped: Sat Jan 30 23:57:31 2021

[icon] ~/tmp took 4s [icon] [icon] with azureuser@zeus
1 2 3
```

Mensaje final:

quedate en casa por favor