

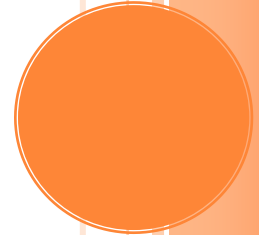
Arşiv Dosyalarına Uygulanan Wordlist Parola Kırma Saldırısı Testi

Hangi arşiv dosyasının parola koruması daha yüksek?

Zip, Rar ve 7z dosya türlerinde yapılan parola kırma testi gerçekleştirilerek veri güvenliği test edilmiştir.

Hazırlayan: Beytullah Akyüz

25/02/2024



Sistem ve Yazılım Bilgileri

İşletim Sistemi	ParrotOS 6.0 – x64
İşlemci	Amd Ryzen 7 7700X / 8 Çekirdek 16 İş Parçacığı
Bellek	64 GB DDR5
Winrar	6.24 - x64
7-Zip	23.01 - x64
John the Ripper	1.9.0-jumbo-1 – x64

Test Hakkında Bilgilendirme

Açıklama:

Aynı parola kullanılarak aynı içeriğe sahip (**983 KB** boyutundaki bir dosya) farklı arşiv dosyalarına **Wordlist** parola kırma testi gerçekleştirilmiştir.

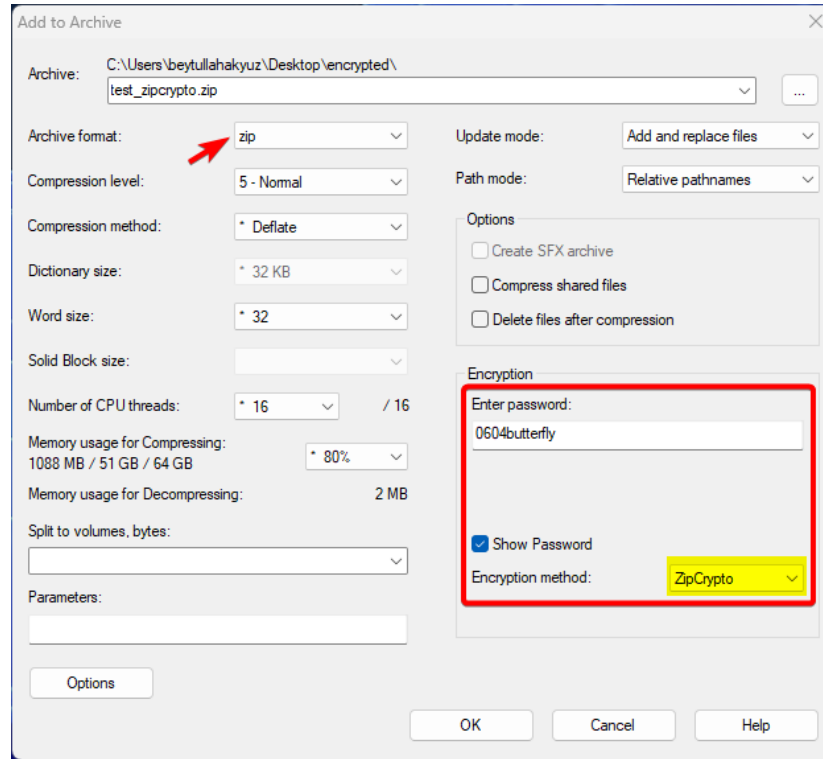
Yapılan parola kırma saldırısında **rockyou** wordlist'i ve dosyada **13.977.450.** sırada bulunan "**0604butterfly**" parolası kullanılmıştır.

Test yapılan arşiv türleri:

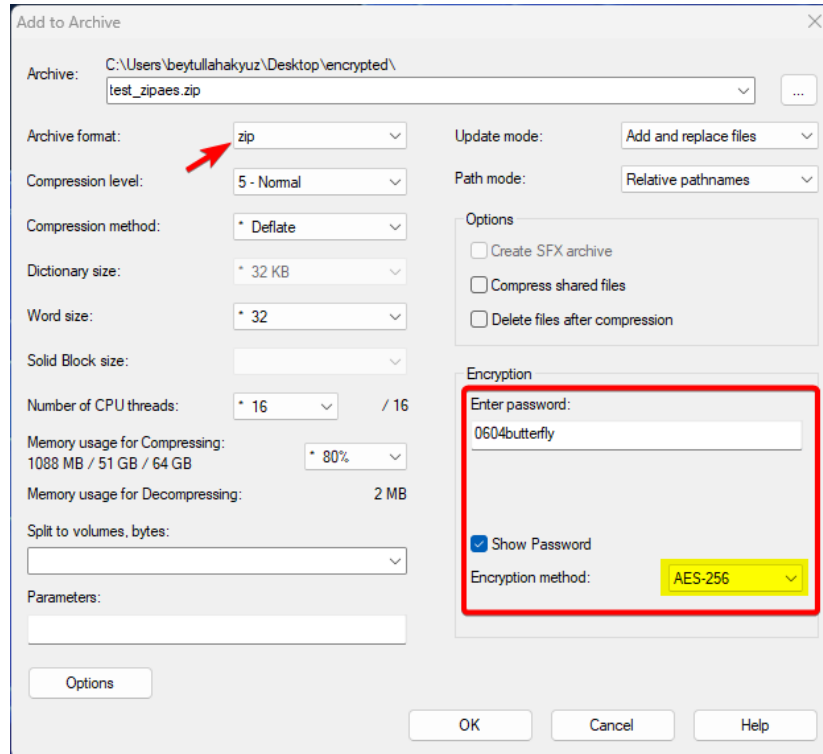
Arşiv türü	Şifreleme Yöntemi
Zip-Legacy	zipcrypto
Zip-AES	aes-256
Rar	rar5
Rar4	rar4
7z	7z

Arşiv Oluşturma Süreci

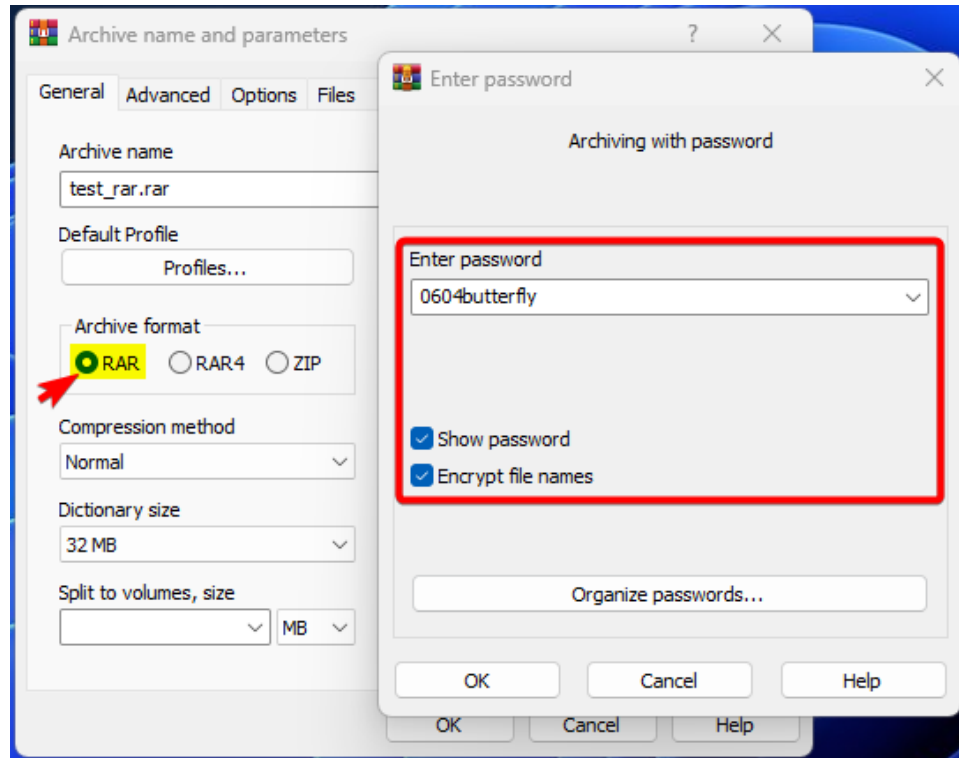
Zip – Legacy (Zipcrypto)



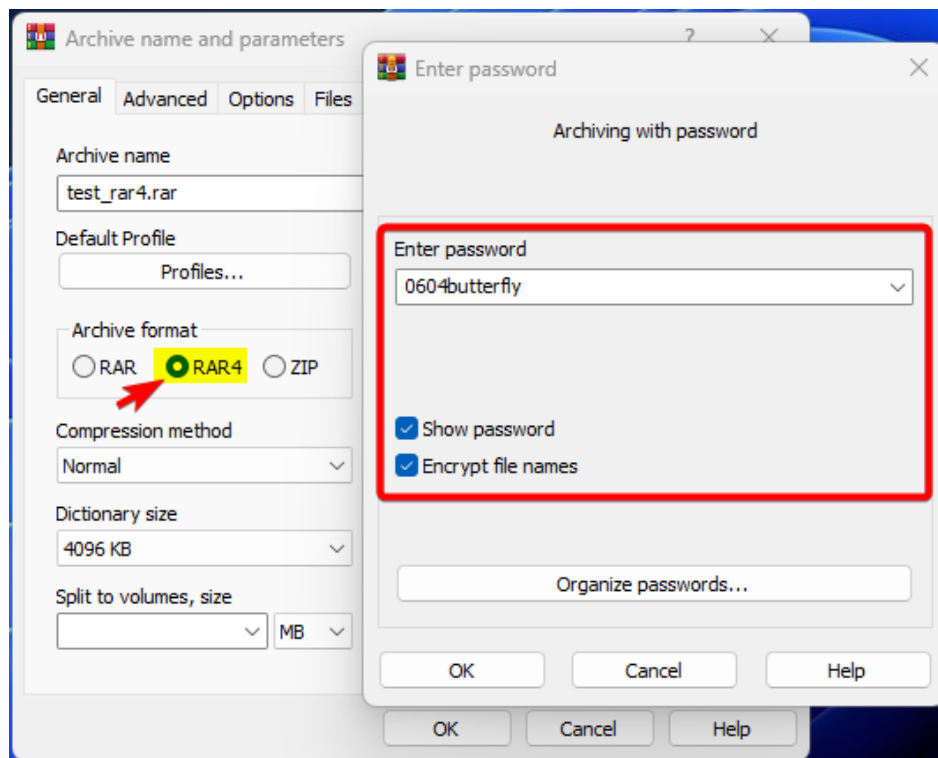
Zip – AES-256

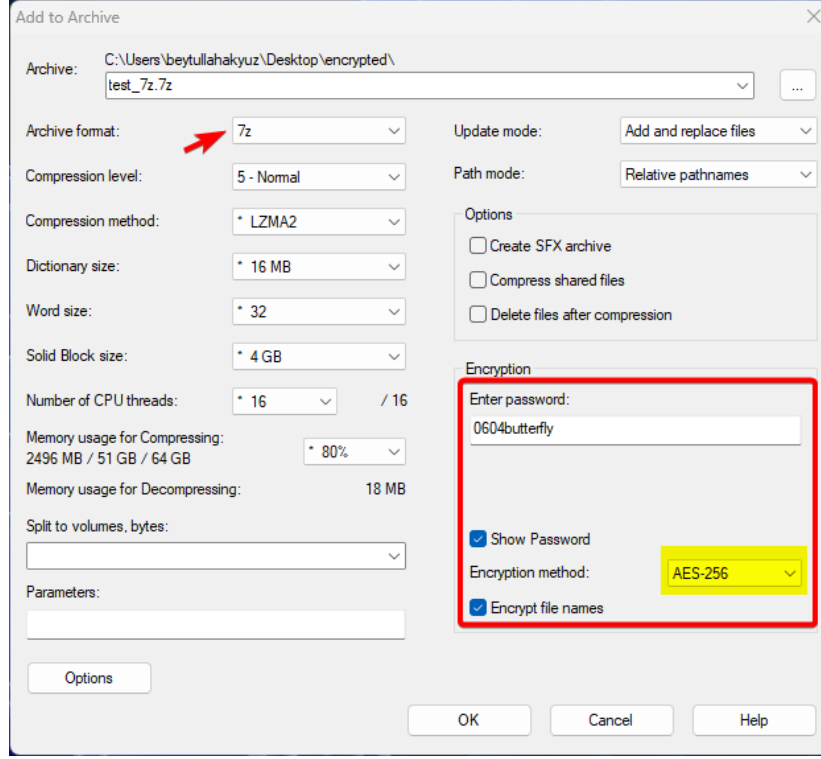


Rar – RAR5



Rar – RAR4





Test Sonuçları

Arşiv Bilgisi	Dosya Türü / Şifreleme	Parola Kırılma Süresi sa:dk:sn	Ortalama Hız (p/sn)
Arşiv içeriği; 983 KB – Powerpoint sunusu Dosya parolası; 0604butterfly	Zip / zipcrypto	< 00:00:00	~
	Zip / aes-256	00:00:20	688160
	Rar / rar5	00:22:14	10473
	Rar / rar4	03:27:15	1123
	7z / aes-256	11:32:55	336.1

Tartışma

Yapılan test sonucunda 7z arşiv türünün diğer arşiv türlerine oranlar bariz bir farkla daha yüksek bir güvenlik sağladığı görülmektedir. 7z'e en yakın yüksek güvenlik sağlayan rar4'e **3,3433 kat** yüksek koruma sağlamıştır.

Testin ilginç sonuçlarından biri ise rar5'in dosya güvenliğinde rar4'ün gerisinde kalmış olmasıdır. Rar4, rar5'e göre **9,3146 kat** yüksek koruma sağlamıştır.

Test Görüntüleri

Zip – Legacy (Zipcrypto)

```
john --wordlist=/usr/share/wordlists/rockyou.txt hash_zipcrypto --progress-every=3 - Parrot Terminal
File Edit View Search Terminal Help
[user@parrot]~[~/Desktop/encrypted]
$john --wordlist=/usr/share/wordlists/rockyou.txt hash_zipcrypto --progress-every=3
Using default input encoding: UTF-8
Loaded 1 password hash (PKZIP [32/64])
Will run 16 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
0604butterfly (test_zipcrypto.zip/Parolalar.pptx)
1g 0:00:00:00 DONE (2024-02-24 13:13) 2.000g/s 27983Kp/s 27983Kc/s 27983KC/s 063930630..056216746
Use the "--show" option to display all of the cracked passwords reliably
Session completed.
[user@parrot]~[~/Desktop/encrypted]
$
```

Zip – AES-256

```
john --wordlist=/usr/share/wordlists/rockyou.txt hash_zipaes --progress-every=5 - Parrot Terminal
File Edit View Search Terminal Help
[user@parrot]~[~/Desktop/encrypted]
$john --wordlist=/usr/share/wordlists/rockyou.txt hash_zipaes --progress-every=5
Using default input encoding: UTF-8
Loaded 1 password hash (ZIP, WinZip [PBKDF2-SHA1 512/512 AVX512BW 16x])
Cost 1 (HMAC size) is 988396 for all loaded hashes
Will run 16 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
0g 0:00:00:05 23.80% (ETA: 13:14:22) 0g/s 693910p/s 693910c/s 693910C/s stefy&marco!..sp.pierre1seb2
0g 0:00:00:10 48.18% (ETA: 13:14:21) 0g/s 691913p/s 691913c/s 691913C/s jodokah..jhuliean
0g 0:00:00:15 73.19% (ETA: 13:14:21) 0g/s 690538p/s 690538c/s 690538C/s aaron6966..XhandrA04
0g 0:00:00:20 96.71% (ETA: 13:14:21) 0g/s 688307p/s 688307c/s 688307C/s 0820321952..078698686
0604butterfly (test_zipaes.zip/Parolalar.pptx)
1g 0:00:00:20 DONE (2024-02-24 13:14) 0.04906g/s 688160p/s 688160c/s 688160C/s 064049725..050340180
Use the "--show" option to display all of the cracked passwords reliably
Session completed.
```

Rar – RAR5

```

john --wordlist=/usr/share/wordlists/rockyou.txt hash_rar --progress-every=10 - Parrot Terminal
[user@parrot:~/Desktop/encrypted]
$ john --wordlist=/usr/share/wordlists/rockyou.txt hash_rar --progress-every=10
Using default input encoding: UTF-8
Loaded 1 password hash (RAR5 [PBKDF2-SHA256 512/512 AVX512BW 16x])
Cost 1 (iteration count) is 32768 for all loaded hashes
Will run 16 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
0g 0:00:00.10 0.62% (ETA: 13:41:53) 0g/s 10536p/s 10536c/s 10536C/s missb..harmless
0g 0:00:00.20 1.25% (ETA: 13:41:43) 0g/s 10531p/s 10531c/s 10531C/s volcom101..tabby10
0g 0:00:00.30 1.89% (ETA: 13:41:29) 0g/s 10522p/s 10522c/s 10522C/s babyjl..angel107
0g 0:00:00.40 2.53% (ETA: 13:41:26) 0g/s 10516p/s 10516c/s 10516C/s eveeveeve..eerrttt
0g 0:00:00.50 3.18% (ETA: 13:41:17) 0g/s 10514p/s 10514c/s 10514C/s bunsoq..breaktheice
0g 0:00:01.00 3.82% (ETA: 13:41:16) 0g/s 10509p/s 10509c/s 10509C/s larain..labzne
0g 0:00:01.10 4.46% (ETA: 13:41:13) 0g/s 10505p/s 10505c/s 10505C/s 142201..12cheer12
0g 0:00:01.20 5.12% (ETA: 13:41:05) 0g/s 10500p/s 10500c/s 10500C/s nicolas2005..newlife85
0g 0:00:01.30 5.80% (ETA: 13:40:57) 0g/s 10502p/s 10502c/s 10502C/s gaelgarciabernal..fullas

```

```

john --wordlist=/usr/share/wordlists/rockyou.txt hash_rar --progress-every=10 - Parrot Terminal
File Edit View Search Terminal Help
0g 0:00:16:40 73.16% (ETA: 13:37:50) 0g/s 10476p/s 10476c/s 10476C/s YONOFUI...YL7115
0g 0:00:16:50 73.88% (ETA: 13:37:51) 0g/s 10477p/s 10477c/s 10477C/s Sunney237..SueWard69@
0g 0:00:17:00 74.62% (ETA: 13:37:50) 0g/s 10477p/s 10477c/s 10477C/s R00DLY31..ROL0123
0g 0:00:17:10 75.35% (ETA: 13:37:50) 0g/s 10477p/s 10477c/s 10477C/s NIPPY23..NIKITALUNA
0g 0:00:17:20 76.08% (ETA: 13:37:50) 0g/s 10478p/s 10478c/s 10478C/s Luvyajeff!..Lumazhiittha
0g 0:00:17:30 76.80% (ETA: 13:37:51) 0g/s 10478p/s 10478c/s 10478C/s K5238249534267f..K0pKaaS
0g 0:00:17:40 77.54% (ETA: 13:37:51) 0g/s 10478p/s 10478c/s 10478C/s Hamster26..Haide1
0g 0:00:17:50 78.27% (ETA: 13:37:51) 0g/s 10478p/s 10478c/s 10478C/s EILLEK89..EDWIN131981
0g 0:00:18:00 79.01% (ETA: 13:37:50) 0g/s 10479p/s 10479c/s 10479C/s CHRISTINORONALDO..CHOMJ
0g 0:00:18:10 79.74% (ETA: 13:37:51) 0g/s 10479p/s 10479c/s 10479C/s Ande5866..Amybelle18
0g 0:00:18:20 80.56% (ETA: 13:37:49) 0g/s 10479p/s 10479c/s 10479C/s 9879459301..98765412345
0g 0:00:18:30 81.25% (ETA: 13:37:50) 0g/s 10479p/s 10479c/s 10479C/s 92350950..9229559544
0g 0:00:18:40 81.95% (ETA: 13:37:50) 0g/s 10479p/s 10479c/s 10479C/s 8684811..867358
0g 0:00:18:50 82.62% (ETA: 13:37:51) 0g/s 10479p/s 10479c/s 10479C/s 78DENISE..789717eg
0g 0:00:19:00 83.27% (ETA: 13:37:53) 0g/s 10479p/s 10479c/s 10479C/s 7028826..70177912
0g 0:00:19:10 83.93% (ETA: 13:37:54) 0g/s 10479p/s 10479c/s 10479C/s 6274223536..6268356672
0g 0:00:19:20 84.59% (ETA: 13:37:55) 0g/s 10479p/s 10479c/s 10479C/s 560336..55m4501s
0g 0:00:19:30 85.25% (ETA: 13:37:56) 0g/s 10478p/s 10478c/s 10478C/s 50123040124..501030204
0g 0:00:19:40 85.94% (ETA: 13:37:57) 0g/s 10478p/s 10478c/s 10478C/s 45131190..4510963210
0g 0:00:19:50 86.61% (ETA: 13:37:57) 0g/s 10478p/s 10478c/s 10478C/s 3V01ZS..3DC4LIFE
0g 0:00:20:00 87.26% (ETA: 13:37:59) 0g/s 10478p/s 10478c/s 10478C/s 32436..323925
0g 0:00:20:10 87.96% (ETA: 13:37:59) 0g/s 10476p/s 10476c/s 10476C/s 2914501..29111416
0g 0:00:20:20 88.65% (ETA: 13:38:00) 0g/s 10476p/s 10476c/s 10476C/s 25065147..25041889
0g 0:00:20:30 89.34% (ETA: 13:38:00) 0g/s 10476p/s 10476c/s 10476C/s 2202198626111988..22/05/91ah
0g 0:00:20:40 90.06% (ETA: 13:38:00) 0g/s 10476p/s 10476c/s 10476C/s 1penhall..1ormore
0g 0:00:20:50 90.79% (ETA: 13:38:00) 0g/s 10475p/s 10475c/s 10475C/s 1943j1k..1939693
0g 0:00:21:00 91.52% (ETA: 13:38:00) 0g/s 10475p/s 10475c/s 10475C/s 15705392..1565215652
0g 0:00:21:10 92.25% (ETA: 13:38:00) 0g/s 10475p/s 10475c/s 10475C/s 12935948..1289312893
0g 0:00:21:20 92.99% (ETA: 13:38:00) 0g/s 10475p/s 10475c/s 10475C/s 11136848..111222t
0g 0:00:21:30 93.73% (ETA: 13:38:00) 0g/s 10474p/s 10474c/s 10474C/s 0928798529..092865444460
0g 0:00:21:40 94.57% (ETA: 13:37:58) 0g/s 10474p/s 10474c/s 10474C/s 0890014794..088381944
0g 0:00:21:50 95.39% (ETA: 13:37:57) 0g/s 10474p/s 10474c/s 10474C/s 0853810107..0853510927
0g 0:00:22:00 96.21% (ETA: 13:37:55) 0g/s 10473p/s 10473c/s 10473C/s 0820389830..0819932980
0g 0:00:22:10 97.01% (ETA: 13:37:55) 0g/s 10473p/s 10473c/s 10473C/s 070504330..070351311
0604butterfly (test_rar)
1g 0:00:22:14 DONE (2024-02-24 13:37) 0.000749g/s 10473p/s 10473c/s 10473C/s 060542260..060394z
Use the "--show" option to display all of the cracked passwords reliably
Session completed.
[user@parrot:~/Desktop/encrypted]
$

```


Rar – RAR4

```

john --wordlist=/usr/share/wordlists/rockyou.txt hash_rar4 --progress-every=60 - ParrotTerminal
[user@parrot:~]~/Desktop/encrypted$
$ john --wordlist=/usr/share/wordlists/rockyou.txt hash_rar4 --progress-every=60
Using default input encoding: UTF-8
Loaded 1 password hash (rar, RAR3 [SHA1 512/512 AVX512BW 16x AES])
Will run 16 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
0g 0:00:01:01 0.54% (ETA: 06:02:10) 0g/s 1397p/s 1397c/s 1397C/s 891103..dollygirl
0g 0:00:02:00 1.02% (ETA: 06:11:16) 0g/s 1379p/s 1379c/s 1379C/s superstar0..convict1
0g 0:00:03:03 1.54% (ETA: 06:13:08) 0g/s 1376p/s 1376c/s 1376C/s 272535..stardance
0g 0:00:04:02 2.02% (ETA: 06:14:10) 0g/s 1371p/s 1371c/s 1371C/s stewart11..patch5
0g 0:00:05:01 2.51% (ETA: 06:14:32) 0g/s 1366p/s 1366c/s 1366C/s jeffery17..frogkiss
0g 0:00:06:01 3.00% (ETA: 06:15:26) 0g/s 1362p/s 1362c/s 1362C/s lindaluna..juice20
0g 0:00:07:01 3.48% (ETA: 06:16:10) 0g/s 1359p/s 1359c/s 1359C/s trav..superman71
0g 0:00:08:01 3.99% (ETA: 06:15:51) 0g/s 1354p/s 1354c/s 1354C/s herrera123..g0dfather
0g 0:00:09:01 4.47% (ETA: 06:16:33) 0g/s 1351p/s 1351c/s 1351C/s 19891226..12022002

Main I/O
PID USER PRI NI VIRT RES SHR S CPU% MEM% TIME+ Command
172977 user 20 0 1127M 106M 14080 R 1590.7 0.2 2h05:28 john --wordl
172979 user 20 0 1127M 106M 14080 R 100.5 0.2 7:08.49 john --wordl
172980 user 20 0 1127M 106M 14080 R 100.5 0.2 7:11.20 john --wordl
172983 user 20 0 1127M 106M 14080 R 100.5 0.2 7:37.09 john --wordl
172984 user 20 0 1127M 106M 14080 R 100.5 0.2 7:46.57 john --wordl
172985 user 20 0 1127M 106M 14080 R 100.5 0.2 7:53.69 john --wordl
172992 user 20 0 1127M 106M 14080 R 100.5 0.2 9:44.80 john --wordl
172986 user 20 0 1127M 106M 14080 R 99.8 0.2 8:00.32 john --wordl
172987 user 20 0 1127M 106M 14080 R 99.8 0.2 8:00.89 john --wordl
172989 user 20 0 1127M 106M 14080 R 99.8 0.2 8:16.68 john --wordl
172990 user 20 0 1127M 106M 14080 R 99.8 0.2 8:29.70 john --wordl
172991 user 20 0 1127M 106M 14080 R 99.8 0.2 8:46.13 john --wordl
172978 user 20 0 1127M 106M 14080 R 99.1 0.2 7:07.95 john --wordl
172982 user 20 0 1127M 106M 14080 R 99.1 0.2 7:28.94 john --wordl
172988 user 20 0 1127M 106M 14080 R 99.1 0.2 8:11.56 john --wordl
172981 user 20 0 1127M 106M 14080 R 96.5 0.2 7:24.61 john --wordl
1020 root 20 0 1034M 261M 148M S 5.3 0.4 4:56.16 /usr/lib/xor

0g 0:02:54:03 81.52% (ETA: 06:28:18) 0g/s 1117p/s 1117c/s 1117C/s 90repe83..90406p
0g 0:02:55:05 82.00% (ETA: 06:28:20) 0g/s 1117p/s 1117c/s 1117C/s 865928..8602655d
0g 0:02:56:00 82.42% (ETA: 06:28:21) 0g/s 1118p/s 1118c/s 1118C/s 8111032..80858679
0g 0:02:57:01 82.89% (ETA: 06:28:22) 0g/s 1118p/s 1118c/s 1118C/s 7631718..7569974
0g 0:02:58:01 83.34% (ETA: 06:28:24) 0g/s 1119p/s 1119c/s 1119C/s 6prater..69fionnghuala
0g 0:02:59:01 83.81% (ETA: 06:28:25) 0g/s 1119p/s 1119c/s 1119C/s 648477..6430411
0g 0:03:00:02 84.27% (ETA: 06:28:28) 0g/s 1120p/s 1120c/s 1120C/s 59774560..592080
0g 0:03:01:02 84.73% (ETA: 06:28:28) 0g/s 1120p/s 1120c/s 1120C/s 5527698827..54MASTERS0716
0g 0:03:02:04 85.19% (ETA: 06:28:32) 0g/s 1121p/s 1121c/s 1121C/s 51031998..5055bj
0g 0:03:03:00 85.63% (ETA: 06:28:31) 0g/s 1121p/s 1121c/s 1121C/s 4811334129..477613
0g 0:03:04:02 86.10% (ETA: 06:28:32) 0g/s 1121p/s 1121c/s 1121C/s 44112460109..436915s
0g 0:03:05:03 86.57% (ETA: 06:28:35) 0g/s 1122p/s 1122c/s 1122C/s 3thaka344..3ilovemoe
0g 0:03:06:05 87.03% (ETA: 06:28:38) 0g/s 1122p/s 1122c/s 1122C/s 3502071..345588608
0g 0:03:07:02 87.46% (ETA: 06:28:39) 0g/s 1122p/s 1122c/s 1122C/s 31477rac..312787
0g 0:03:08:00 87.91% (ETA: 06:28:39) 0g/s 1122p/s 1122c/s 1122C/s 29mount..2956267
0g 0:03:09:04 88.39% (ETA: 06:28:42) 0g/s 1122p/s 1122c/s 1122C/s 26347..260992ds
0g 0:03:10:03 88.83% (ETA: 06:28:45) 0g/s 1123p/s 1123c/s 1123C/s 24393563..24171138
0g 0:03:11:01 89.27% (ETA: 06:28:47) 0g/s 1123p/s 1123c/s 1123C/s 22423183..2222XX
0g 0:03:12:04 89.77% (ETA: 06:28:46) 0g/s 1123p/s 1123c/s 1123C/s 20307693..2012lulu2012
0g 0:03:13:05 90.23% (ETA: 06:28:47) 0g/s 1123p/s 1123c/s 1123C/s 1htbtw0w..1einhorn
0g 0:03:14:04 90.71% (ETA: 06:28:46) 0g/s 1123p/s 1123c/s 1123C/s 19820630..1974aga
0g 0:03:15:04 91.16% (ETA: 06:28:47) 0g/s 1123p/s 1123c/s 1123C/s 1790882..175080
0g 0:03:16:03 91.63% (ETA: 06:28:47) 0g/s 1123p/s 1123c/s 1123C/s 15253335..1508170101
0g 0:03:17:01 92.09% (ETA: 06:28:45) 0g/s 1123p/s 1123c/s 1123C/s 13454006..13203512
0g 0:03:18:02 92.58% (ETA: 06:28:43) 0g/s 1123p/s 1123c/s 1123C/s 123456789_00..123000.
0g 0:03:19:01 93.04% (ETA: 06:28:43) 0g/s 1123p/s 1123c/s 1123C/s 1112761479..11041402
0g 0:03:20:00 93.51% (ETA: 06:28:42) 0g/s 1123p/s 1123c/s 1123C/s 1-1294..09playboy
0g 0:03:21:05 94.08% (ETA: 06:28:33) 0g/s 1123p/s 1123c/s 1123C/s 09185243905..091649776
0g 0:03:22:03 94.60% (ETA: 06:28:23) 0g/s 1123p/s 1123c/s 1123C/s 0890600345..0879212279
0g 0:03:23:01 95.13% (ETA: 06:28:12) 0g/s 1123p/s 1123c/s 1123C/s 0865055048..0861846360
0g 0:03:24:04 95.71% (ETA: 06:28:02) 0g/s 1123p/s 1123c/s 1123C/s 0845207402..0843407973
0g 0:03:25:01 96.23% (ETA: 06:27:52) 0g/s 1123p/s 1123c/s 1123C/s 082286r..0819034057
0g 0:03:26:01 96.75% (ETA: 06:27:45) 0g/s 1123p/s 1123c/s 1123C/s 079162533..0777969503
0g 0:03:27:04 97.27% (ETA: 06:27:41) 0g/s 1123p/s 1123c/s 1123C/s 062490509..06134207
0604butterfly (test_rar4.rar)
1g 0:03:27:15 DONE (2024-02-25 06:22) 0.000080g/s 1123p/s 1123c/s 1123C/s 061342045..060362164
Use the "--show" option to display all of the cracked passwords reliably
Session completed.
[user@parrot:~]~/Desktop/encrypted$
$

```


7z - AES-256

```

john --wordlist=/usr/share/wordlists/rockyou.txt hash_7z --progress-every=60 - Parrot Terminal
[user@parrot:~/.Desktop/encrypted]
$ john --wordlist=/usr/share/wordlists/rockyou.txt hash_7z --progress-every=60
Using default input encoding: UTF-8
Loaded 1 password hash (7z, 7-Zip archive encryption [SHA256 512/512 AVX512BW 16x AES])
Cost 1 (iteration count) is 524288 for all loaded hashes
Cost 2 (padding size) is 6 for all loaded hashes
Cost 3 (compression type) is 0 for all loaded hashes
Cost 4 (data length) is 138 for all loaded hashes
Will run 16 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
0g 0:00:01:00 0.17% (ETA: 00:58:58) 0g/s 472.8p/s 472.8c/s 472.8C/s chiquititas..spongebob9
0g 0:00:02:00 0.33% (ETA: 01:09:10) 0g/s 465.9p/s 465.9c/s 465.9C/s 052904..singlelady
0g 0:00:03:00 0.48% (ETA: 01:14:54) 0g/s 459.7p/s 459.7c/s 459.7C/s WIFEY1..27111992
0g 0:00:04:00 0.64% (ETA: 01:17:30) 0g/s 457.0p/s 457.0c/s 457.0C/s sh3lby..redding
0g 0:00:05:00 0.80% (ETA: 01:18:14) 0g/s 455.6p/s 455.6c/s 455.6C/s spike08..shabooya
0g 0:00:06:00 0.96% (ETA: 01:20:36) 0g/s 452.1p/s 452.1c/s 452.1C/s Lonnie..ANGEL8
0g 0:00:07:00 1.12% (ETA: 01:21:25) 0g/s 450.2p/s 450.2c/s 450.2C/s alexis88..Santanal
0g 0:00:08:00 1.28% (ETA: 01:20:52) 0g/s 449.6p/s 449.6c/s 449.6C/s mojo23..mia1984
0g 0:00:09:00 1.43% (ETA: 01:21:48) 0g/s 448.3p/s 448.3c/s 448.3C/s jeremy82..janulka
0g 0:00:10:00 1.59% (ETA: 01:22:23) 0g/s 447.1p/s 447.1c/s 447.1C/s larry21..kurtco
0g 0:00:11:00 1.75% (ETA: 01:21:53) 0g/s 446.4p/s 446.4c/s 446.4C/s redsox#1..rangel1
0g 0:00:12:00 1.91% (ETA: 01:23:23) 0g/s 444.2p/s 444.2c/s 444.2C/s Danielle12..Beautiful1
0g 0:00:13:00 2.07% (ETA: 01:23:57) 0g/s 443.3p/s 443.3c/s 443.3C/s lobazo..linal0
0g 0:00:14:00 2.22% (ETA: 01:24:50) 0g/s 442.0p/s 442.0c/s 442.0C/s 811024..74697469
0g 0:00:15:00 2.38% (ETA: 01:25:14) 0g/s 441.5p/s 441.5c/s 441.5C/s onymes..odethe
0g 0:00:16:00 2.54% (ETA: 01:25:38) 0g/s 440.3p/s 440.3c/s 440.3C/s doinky..dirtjumper
0g 0:00:17:00 2.69% (ETA: 01:26:16) 0g/s 440.0p/s 440.0c/s 440.0C/s 142906..13771377
0g 0:00:18:00 2.85% (ETA: 01:26:52) 0g/s 438.9p/s 438.9c/s 438.9C/s purplepony..puertocortes
0g 0:00:19:00 3.00% (ETA: 01:27:49) 0g/s 437.7p/s 437.7c/s 437.7C/s juicel8..joueur

Main I/O
PID USER PRI NI VIRT RES SHR S CPU% MEM% TIME+ Command
17470 user 20 0 116M 58112 13952 R 1333.9 0.1 0h15:39 john --wordl
17475 user 20 0 116M 58112 13952 R 100.4 0.1 25:27.71 john --wordl
17476 user 20 0 116M 58112 13952 R 97.8 0.1 22:50.55 john --wordl
17477 user 20 0 116M 58112 13952 R 97.2 0.1 20:31.18 john --wordl
17478 user 20 0 116M 58112 13952 R 90.7 0.1 26:57.71 john --wordl
17483 user 20 0 116M 58112 13952 R 88.1 0.1 24:36.55 john --wordl
17472 user 20 0 116M 58112 13952 R 86.8 0.1 26:32.48 john --wordl
17485 user 20 0 116M 58112 13952 R 86.1 0.1 26:00.65 john --wordl
17471 user 20 0 116M 58112 13952 R 85.4 0.1 25:41.70 john --wordl
17483 user 20 0 116M 58112 13952 R 84.8 0.1 23:28.66 john --wordl
17474 user 20 0 116M 58112 13952 R 84.1 0.1 26:50.07 john --wordl
17482 user 20 0 116M 58112 13952 R 78.3 0.1 22:19.90 john --wordl
17481 user 20 0 116M 58112 13952 R 75.0 0.1 21:13.89 john --wordl
17480 user 20 0 116M 58112 13952 R 70.4 0.1 20:21.68 john --wordl
17479 user 20 0 116M 58112 13952 R 67.8 0.1 19:45.90 john --wordl
17478 user 20 0 116M 58112 13952 R 63.3 0.1 19:41.39 john --wordl
1829 root 20 0 2089M 289M 178M S 2.0 0.5 1:37.78 /usr/lib/xor
1874 root 20 0 2089M 289M 178M S 1.3 0.5 0:22.06 /usr/lib/xor

```

```

john --wordlist=/usr/share/wordlists/rockyou.txt hash_7z --progress-every=60 - Parrot Terminal
File Edit View Search Terminal Help
0g 0:10:59:00 92.08% (ETA: 02:50:15) 0g/s 335.9p/s 335.9c/s 335.9C/s 132487..132417jb
0g 0:11:00:00 92.22% (ETA: 02:50:14) 0g/s 335.9p/s 335.9c/s 335.9C/s 12apos..12akaru
0g 0:11:01:00 92.37% (ETA: 02:50:13) 0g/s 335.9p/s 335.9c/s 335.9C/s 123maham..123loop
0g 0:11:02:00 92.52% (ETA: 02:50:10) 0g/s 335.9p/s 335.9c/s 335.9C/s 123456789vb..123456789numse
0g 0:11:03:00 92.66% (ETA: 02:50:08) 0g/s 335.9p/s 335.9c/s 335.9C/s 1214817..12141k
0g 0:11:04:00 92.80% (ETA: 02:50:06) 0g/s 335.9p/s 335.9c/s 335.9C/s 1192392j..1191222p
0g 0:11:05:00 92.94% (ETA: 02:50:04) 0g/s 335.9p/s 335.9c/s 335.9C/s 1122345s..11223035846344778990
0g 0:11:06:00 93.09% (ETA: 02:50:01) 0g/s 335.9p/s 335.9c/s 335.9C/s 1100400490444..1100200649
0g 0:11:07:00 93.23% (ETA: 02:50:02) 0g/s 335.9p/s 335.9c/s 335.9C/s 1039448164..10383841
0g 0:11:08:00 93.37% (ETA: 02:50:00) 0g/s 335.9p/s 335.9c/s 335.9C/s 1010117a..1010014
0g 0:11:09:00 93.51% (ETA: 02:50:00) 0g/s 335.9p/s 335.9c/s 335.9C/s 09dec1976..09aa06
0g 0:11:10:00 93.67% (ETA: 02:49:53) 0g/s 336.0p/s 336.0c/s 336.0C/s 094477991..094424556
0g 0:11:11:00 93.83% (ETA: 02:49:44) 0g/s 336.0p/s 336.0c/s 336.0C/s 092245621..0922362870
0g 0:11:12:00 93.99% (ETA: 02:49:34) 0g/s 335.9p/s 335.9c/s 335.9C/s 09193501861..09193267098
0g 0:11:13:00 94.15% (ETA: 02:49:25) 0g/s 335.9p/s 335.9c/s 335.9C/s 09109365779..09109032957
0g 0:11:14:00 94.31% (ETA: 02:49:17) 0g/s 335.9p/s 335.9c/s 335.9C/s 08febrery930..08carla
0g 0:11:15:00 94.47% (ETA: 02:49:07) 0g/s 335.9p/s 335.9c/s 335.9C/s 0894494584..0894432159
0g 0:11:16:00 94.63% (ETA: 02:48:58) 0g/s 335.9p/s 335.9c/s 335.9C/s 0878509698..0878451293
0g 0:11:17:00 94.79% (ETA: 02:48:47) 0g/s 336.0p/s 336.0c/s 336.0C/s 0873820217076421709..0873761478
0g 0:11:18:00 94.95% (ETA: 02:48:37) 0g/s 336.0p/s 336.0c/s 336.0C/s 0868608998..0868564298
0g 0:11:19:00 95.12% (ETA: 02:48:27) 0g/s 336.0p/s 336.0c/s 336.0C/s 0862196962..0862128868
0g 0:11:20:00 95.28% (ETA: 02:48:15) 0g/s 336.0p/s 336.0c/s 336.0C/s 0857207256..0857165382
0g 0:11:21:00 95.45% (ETA: 02:48:05) 0g/s 336.0p/s 336.0c/s 336.0C/s 0851904770..0851839812
0g 0:11:22:00 95.61% (ETA: 02:47:55) 0g/s 336.0p/s 336.0c/s 336.0C/s 0846897874..0846844001
0g 0:11:23:00 95.77% (ETA: 02:47:46) 0g/s 336.0p/s 336.0c/s 336.0C/s 0841224159..0841180299
0g 0:11:24:00 95.93% (ETA: 02:47:35) 0g/s 336.0p/s 336.0c/s 336.0C/s 0836724202..0836647757
0g 0:11:25:00 96.10% (ETA: 02:47:25) 0g/s 336.0p/s 336.0c/s 336.0C/s 0831456999..0831410333
0g 0:11:26:00 96.26% (ETA: 02:47:16) 0g/s 336.1p/s 336.1c/s 336.1C/s 0817697940..081761
0g 0:11:27:00 96.42% (ETA: 02:47:05) 0g/s 336.1p/s 336.1c/s 336.1C/s 0810954174..081089201017
0g 0:11:28:00 96.58% (ETA: 02:46:57) 0g/s 336.1p/s 336.1c/s 336.1C/s 0802144058..0802077600
0g 0:11:29:00 96.73% (ETA: 02:46:51) 0g/s 336.1p/s 336.1c/s 336.1C/s 07818438650..07813445634
0g 0:11:30:00 96.88% (ETA: 02:46:49) 0g/s 336.1p/s 336.1c/s 336.1C/s 07301119..07297100
0g 0:11:31:00 97.02% (ETA: 02:46:49) 0g/s 336.1p/s 336.1c/s 336.1C/s 07011970..070074408
0g 0:11:32:00 97.18% (ETA: 02:46:42) 0g/s 336.1p/s 336.1c/s 336.1C/s 065170334..065122864
0604butterfly (test_7z.7z)
lg 0:11:32:55 DONE (2024-02-25 02:27) 0.000024g/s 336.1p/s 336.1c/s 336.1C/s 060512139..060491100
Use the "--show" option to display all of the cracked passwords reliably
Session completed.
[user@parrot:~/.Desktop/encrypted]
$

```