**Password Cracking Using John the ripper**

(sneha㉿kali)-[~]

└─$ echo -e "Hello this is MINIBINI" > Minibini.txt

┌──(sneha㉿kali)-[~]

└─$ zip --password secret123 word.zip Minibini.txt

adding: Minibini.txt (deflated 4%)ss

┌──(sneha㉿kali)-[~]

└─$ zip2john word.zip > ziphash.txt

Created directory: /home/sneha/.john

ver 2.0 efh 5455 efh 7875 word.zip/Minibini.txt PKZIP Encr: TS\_chk, cmplen=34, decmplen=23, crc=2853F87E ts=66E6 cs=66e6 type=8

┌──(sneha㉿kali)-[~]

└─$ sudo apt install wordlists

[sudo] password for sneha:

wordlists is already the newest version (2023.2.0).

wordlists set to manually installed.

The following packages were automatically installed and are no longer required:

libdaxctl1 libndctl6 libpmem1

Use 'sudo apt autoremove' to remove them.

Summary:

Upgrading: 0, Installing: 0, Removing: 0, Not Upgrading: 2076

┌──(sneha㉿kali)-[~]

└─$ sudo gzip d /usr/share/wordlists/rockyou.txt.gz

gzip: d: No such file or directory

gzip: /usr/share/wordlists/rockyou.txt.gz already has .gz suffix -- unchanged

┌──(sneha㉿kali)-[~]

└─$

┌──(sneha㉿kali)-[~]

└─$ sudo gzip -d /usr/share/wordlists/rockyou.txt.gz

┌──(sneha㉿kali)-[~]

└─$ john ziphash.txt --wordlist=/usr/share/wordlists/rockyou.txt

Using default input encoding: UTF-8

Loaded 1 password hash (PKZIP [32/64])

Press 'q' or Ctrl-C to abort, almost any other key for status

secret123 (word.zip/Minibini.txt)

1g 0:00:00:00 DONE (2025-04-23 12:59) 33.33g/s 567466p/s 567466c/s 567466C/s 240890..psycho1

Use the "--show" option to display all of the cracked passwords reliably

Session completed.

┌──(sneha㉿kali)-[~]

└─$ john --show ziphash.txt

word.zip/Minibini.txt:secret123:Minibini.txt:word.zip::word.zip

1 password hash cracked, 0 left

┌──(sneha㉿kali)-[~]

└─$