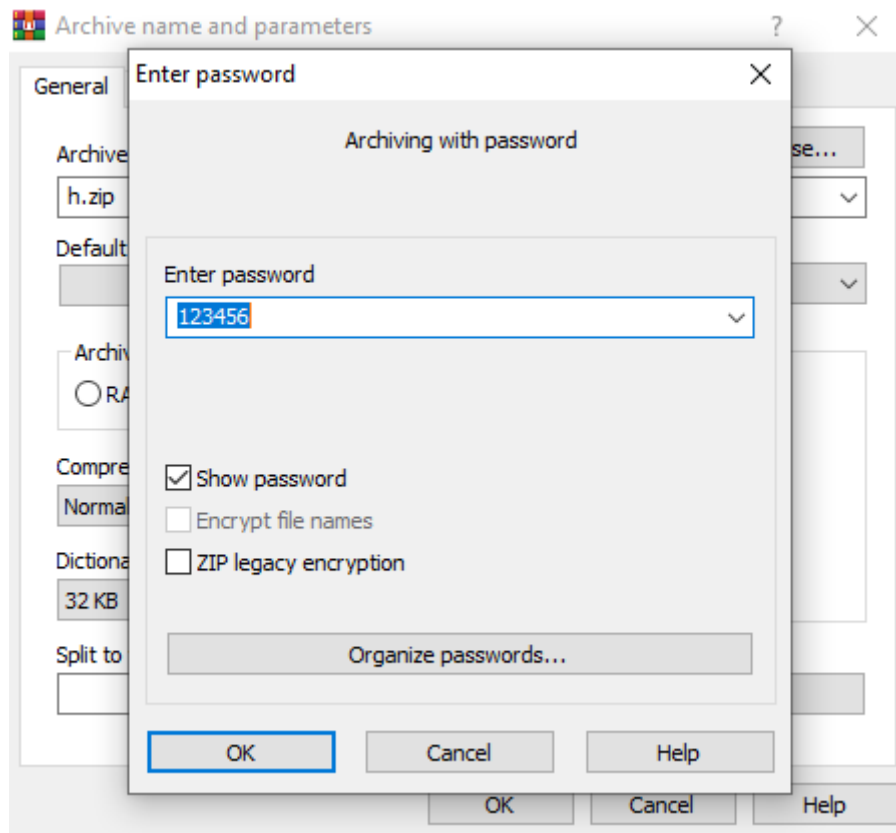# Password Cracking

D:\john-1.9.0-jumbo-1-win64\run>zip2john.exe h.zip > ziphash.tx

ver 2.0 efh 9901 h.zip/Assignment OpenSSL certificate generation.docx PKZIP Encr: cmplen=120847, decmplen=130111, crc=33D9FF81

D:\john-1.9.0-jumbo-1-win64\run>john.exe ziphash.tx

Warning: detected hash type "ZIP", but the string is also recognized as "ZIP-opencl"

Use the "--format=ZIP-opencl" option to force loading these as that type instead

Using default input encoding: UTF-8

Loaded 1 password hash (ZIP, WinZip [PBKDF2-SHA1 128/128 SSE4.1 4x])

Will run 2 OpenMP threads

Proceeding with single, rules:Single

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

Warning: Only 5 candidates buffered for the current salt, minimum 8 needed for performance.

Almost done: Processing the remaining buffered candidate passwords, if any.

Proceeding with wordlist:password.lst, rules:Wordlist

123456 (h.zip/Assignment OpenSSL certificate generation.docx)

1g 0:00:00:08 DONE 2/3 (2025-04-23 13:00) 0.1112g/s 7528p/s 7528c/s 7528C/s 123456..222222

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

Session completed

D:\john-1.9.0-jumbo-1-win64\run>john.exe --show ziphash.tx

h.zip/Assignment OpenSSL certificate generation.docx:**123456**:Assignment OpenSSL certificate generation.docx:h.zip:h.zip

1 password hash cracked, 0 left