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(root@kali)-[/home/warren]
# gcc hash_key_decryptor.c -o hash_key_decryptor -lcrypt && valgrind --leak-check=full ./hash_key_decryptor 23 dNpxBzJg/Cg
==3196== Memcheck, a memory error detector
==3196== Copyright (C) 2002-2022, and GNU GPL'd, by Julian Seward et al.
==3196== Using Valgrind-3.19.0 and LibVEX; rerun with -h for copyright info
==3196== Command: ./hash_key_decryptor 23 dNpxBzJg/Cg
==3196==
Brute force for keys with length from 1 to 8
Possible Characters: a-z, A-Z, 0-9
a 232LxN9dyZqwU
b 23oAYPnIbnmw6
c 230TSEq128GRg
d 23pU68.pPrch.
e 23YwkgfYNi0Ck
f 237w1JR9hls6
g 23dcULJ7wilJc
h 230/MAMsZB8Ts
i 23Gm/IR5l2ewk
j 23bJD7ffHc6C2
k 230Da8pGwJY8s
l 23q8H.KZ1mOXM
m 23sf5b5kfQhlg
n 23Xoq1aQga8p6
o 232ZjldV6WBU.
p 23028HWiI6UEE
q 23wFwNU39e6uo
r 23n1icubGw8IM
s 232P2DaoASdYM
t 23jXU4AK/je0Q

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...

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Fdr 23TEl1/YJRZ.2
Fds 23sdevn0ez0ac
Fdt 23LShdlo6EZbM
Fdu 23Bk0WiH8zWEk
Fdv 23ynsMm/0xIMo
Fdw 23HB/LrLn6zcM
Fdx 23KSkqH6yZOig
Fdy 23mGKAsGLJM6Q
Fdz 2364IF6SkuMg2
Fd1 23L9E9dkue4ws
Fd2 23U8UEP1FXbIA
Fd3 23D2l2cMBEKwU
Fd4 23ViBPM7cNsic
Fd5 235mtdq7ZJ/Y6
Fd6 23CD.Y003SLx6
Fd7 23Bc1SMH0w7aM
Fd8 232IZmcLACHvg
Fd9 23NNr4vdkciDs
Fd0 23cUCLMV80.BQ
FdA 23jg00CmUK/66
FdB 2307PpVxV0Z4o
FDC 23KnBlyzktv.I
FDD 23TjKcDKeacig
FDE 23dNpxBzJg/Cg

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Key found - FdE
==3196==
==3196== HEAP SUMMARY:
==3196==   in use at exit: 0 bytes in 0 blocks
==3196==   total heap usage: 1 allocs, 1 frees, 1,024 bytes allocated
==3196==
==3196== All heap blocks were freed -- no leaks are possible
==3196==
==3196== For lists of detected and suppressed errors, rerun with: -s
==3196== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 0 from 0)

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