

Hacking Passwords

Passwords are stored as *hashes*. A hash is a form of *one-way encryption*: you can go from the password to the hash, but, in theory, it's impossible to easily recover the password if you only have the hash to start with. This way, legitimate users can prove that their password matches the stored password, but a hacker who steals the stored hashes can't automatically log in as any user they like.

The hacktool is capable of stealing password hashes, but it can't crack them.

Luckily, most users use one of only a few passwords. (If your password is **baseball** or **abc123**, change it.) We can precompute hashes for these common passwords and look them up in a *rainbow table*.

Use the command **pword** to tell the hacktool what password corresponds to the hash it's stolen. For instance, if the corresponding password is **detroit**, type **pword detroit** and press enter.

Rainbow Table for Common Passwords

Hash	Password
000c285457fc971f862a	monkey
04e77bf8f95cb3e1a36a	princess
0522a55e2d5f0993a3d6	george
08ddff4ebe39249a9208	ginger
09c587fb282c3423f086	corvette
102cf10b5286bad9fcfe	justin
136c67657614311f3223	jordan
13b1f7ec5beafc781e4	freedom
1c8bfe8f801d79745c46	letmein
1ecd41c03ef78bd6daea	chelsea
1ef7bb1ba959d2c3be7c	golfer
203b70b5ae883932161b	trustno1
299d6631d639256a762b	bailey
2bb80d537b1da3e38bd3	secret
2cf24dba5fb0a30e26e8	hello
308738b8195da46d65c9	hockey
3b0fe0d342e9fa16a5c6	internet
3ef81cb18bdaac2f67a1	hammer
502913bfdd49eab56428	anthony
52e8e47b38e854580afc	amanda
5e884898da28047151d0	password
686f746a95b6f836d7d7	love
78cde64c3e47f2cbfd9d	silver
81c9d6128b5fcd7bbe4b	diamond
85738f8f9a7f1b04b532	whatever
8588310a98676af6e225	asdfgh

Hash	Password
873ac9ffea4dd04fa719	cheese
8f27f432fcbaa4b5180a	soccer
a01edad91c00abe7be5b	baseball
a0561fd649cdb6baa784	access
a0b7c245fab334467e95	heather
a941a4c4fd0c01cddef6	sunshine
a9c43be948c5cabd56ef	dragon
aa97302150fce811425c	computer
aae5be5f6474904b686f	maggie
b5ad121307b9c486471d	scooter
b89dab808c585f889185	klaster
b9dd960c1753459a7811	charlie
bd3dae5fb91f88a4f097	daniel
c64975ba3cf3f9cd5845	ashley
cbeaff314ef5ad032caa	buster
d081f5e402980b267f1f	guitar
d7e83e28a04b537e6442	cookie
dbc4a04327176e6577b4	ranger
dc355ec75a2dc4a1d295	jackson
e4ad93ca07acb8d908a3	iloveyou
e9a63a4eb15738ae85cd	hunter
ed45d626b07112a8a501	killer
fa340114498cfb0f5dfe	bigdog
fc52fabe94c0e037d2df	joshua