

Methods to crack passwords

SUMMARY	
Matched Branch:	0
Partially Matched Branch:	5
Mismatched Branch:	0
Extra Branch:	30
Total Match:	41.67 %
Concept Match:	55.56 %
Link. Phr. Match:	0.0 %
Misconception:	71.43 %
Hierarchy Match:	38.67 %

Grade: 36.33%

includes

Dictionary Attacks

Rainbow Table Attacks

illustrated by

described by

develop a large dictionary of possible passwords and try each against the password file

each password must be hashed using each salt value and then compared to stored hash values

mammoth table of hash values

precomputed tables of hash values of possible passwords combined with all possible salts of a certain length

able to be countered by using a sufficiently large salt value and a sufficiently large hash length