

Methods to  
crack passwords

SUMMERY	
Matched Branch:	0
Partially Matched Branch:	5
Mismatched Branch:	0
Extra Branch:	17
Total Match:	41.67 %
Concept Match:	44.44 %
Link. Phr. Match:	33.33 %
Misconception:	100.0 %
Hierarchy Match:	61.33 %

Grade: 34.6%

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