

Dear sir/madam,

I went through all the links that were provided in the resource section and cracked almost every password . Here are the answers to questions mentioned:-

1. I found that MD5 and SHA hashing algorithms were used.
2. The level of mechanism for passwords is quite low , it can be cracked in an instant.
3. At first we must avoid a leak, but putting the risk in mind we can take some measures like -Password must be set on 8 or more characters.

We should avoid using continuous terms(e.g-1234,abcd,or a name , date,etc)

Must use mixed characters when setting a password(strong password)

Never use the same password for every where, use a particular password for a particular task.

4. I noticed that all those password that I have cracked were of 6 digits, were too easy and took very less time to crack.
5. To make password breaking harder :  
Don't use the name of the site, application or thing as part of the password.  
Don't reuse the passwords.  
Etc,

At last I conclude that the passwords compromised were of MD5 ,which is too weak .  
It felt smooth while cracking these password on MD5 through rockyou.txt and crackstation .  
So I would suggest you to use a strong mechanism and try building hashes on SHA.

THANKYOU

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## Cracked Passwords:

experthead:e10adc3949ba59abbe56e057f20f883e - 123456  
interestec:25f9e794323b453885f5181f1b624d0b - 123456789  
ortspoon:d8578edf8458ce06fbc5bb76a58c5ca4 - qwerty  
reallychel:5f4dcc3b5aa765d61d8327deb882cf99 - password  
simmson56:96e79218965eb72c92a549dd5a330112 - 111111  
bookma:25d55ad283aa400af464c76d713c07ad - 12345678  
popularkiya7:e99a18c428cb38d5f260853678922e03 - abc123  
eatingcake1994:fcea920f7412b5da7be0cf42b8c93759 - 1234567  
heroanhart:7c6a180b36896a0a8c02787eeafb0e4c - password1  
edi\_tesla89:6c569aabbf7775ef8fc570e228c16b98 - password!  
liveltekah:3f230640b78d7e71ac5514e57935eb69 - qazxsw  
blikimore:917eb5e9d6d6bca820922a0c6f7cc28b - Pa\$\$word1  
johnwick007:f6a0cb102c62879d397b12b62c092c06 - bluered