

Forum:[Hack Forums](#)

Thread: [\[How to\] decrypt a hash | Beginner friendly](#)

?pth?n - September 14, 2013, 4:04 am

Welcome

NOTE: This tutorial is for educational purpose only. Thinking about things in theory is fine, but don't use your knowledge to harm others.

I am not reliable for any harm that is done with the information I cover in this tutorial.

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I. Introduction:

Welcome to my tutorial on how to decrypt a hash!

This guide is written for beginners who have no clue on how to decrypt a hash.

If there are any questions left, don't hesitate to ask me right away.

II. Determine the hash type:

You found some random gibberish in the net and someone said you have to decrypt it? Don't worry. Determining the type of your hash isn't that hard.

In fact, it's pretty easy and you will learn by doing.

If you want to learn a bit, I suggest you reading this: [Cryptography](#)

If you want to skip this part, then check this site to compare the hashes to your hash: [Link](#)

In my opinion, this is the best overview over the most common hash types: [Hash thread](#)

If you still have no clue what type of hash you got, you should try out [THIS](#) program.

I'm not sure if it comes with Backtrack by default, but you should give it a try if the information above didn't help you.

Now that you finally found the type of your hash, we can move on and decrypt it.

III. How to decrypt a hash:

We will use three things to decrypt a hash:

- Passwords Pro [\[Download link\]](#)

- Wordlist (also called dictionary)

Spoiler [\(Click to View\)](#) There are alot of wordlists on HF and in the internet. They usually use the

extension .dic

Just google or search on HF to find the wordlists you're looking for. Note that you can edit every wordlist (although I don't suggest you opening it if it's a large file)

- Your hash

I will follow every step with an example. I'm going to use the MD5
"ad3dd2ebd28e5d7f81ec326fbdf1fa7b"

Step 1:

Open PasswordsPro Spoiler [\(Click to View\)](#)

Step 2:

Go to Service -> Settings... Spoiler [\(Click to View\)](#)

Step 3:

Go to Dictionaries -> Right click and add a new dictionary Spoiler [\(Click to View\)](#) Spoiler [\(Click to View\)](#)

Step 4:

Go to Audit -> Simple Dictionary Attack Spoiler [\(Click to View\)](#)

Step 5:

Right click in the empty box and choose Add... Spoiler [\(Click to View\)](#)

Step 6:

Fill in the hash and choose the hash type.

If you don't want to get confused, you can use a username for better organization. Spoiler [\(Click to View\)](#)

Step 7:

Click on the Run/Start button and let the dictionary attack begin!

You will get a notification when the hash is decrypted, congratulations! Spoiler [\(Click to View\)](#)

Final words:

Thank you for reading my tutorial!

This tutorial was written for beginners and I hope it was useful for some of you.

If you can't decrypt a hash with a wordlist, try to get another wordlist.

You can use a bruteforce attack aswell, but this is taking too much time in my opinion.

If you found any bigger mistakes, let me know.

Have a nice day everyone.

PinkPanther - October 5, 2013, 8:04 pm

This is very nice man. I really need to work on my hash identification so thanks!

?pth?n - October 6, 2013, 2:16 am

(Oct 5, 2013 08:04 PM)PinkPanther Wrote: [\[CITE\]](#) This is very nice man. I really need to work on my hash identification so thanks!

No problem, you're welcome ?

Hope this helped one or another.

SHADOW REALM - October 6, 2013, 2:18 am

What makes "PasswordPro" better than Hashcat?

EmperorDAZ - October 6, 2013, 3:58 am

(Oct 6, 2013 02:18 AM)SHADOW REALM Wrote: [\[CITE\]](#) What makes "PasswordPro" better than Hashcat?

Probably the interface. The speed is absolute crap tho.

Suggestion: If you want to crack MD5 by bruteforcing use BarsWF.

?pth?n - October 6, 2013, 4:21 am

(Oct 6, 2013 02:18 AM)SHADOW REALM Wrote: [\[CITE\]](#) What makes "PasswordPro" better than Hashcat?

I choose PasswordPro because the GUI is great for beginners.

There are better programs for max speed, but PasswordPro is easy to obtain and very user friendly :)

tired- - October 6, 2013, 5:21 am

Thanks for the tut, I was always a little interested in Cryptography, [minor rant] but the people on this section seem to think the only type of encryption is buying a "crypter" for their RAT. At least now I can actually learn something. [/minor rant]

Thanks again :o

Grey™ - October 6, 2013, 5:22 am

This is really helpful for the noobs xD

xVulnerable - October 6, 2013, 9:17 am

Thanks for this guide! Will give it a look when i have some time.

R3covery - October 7, 2013, 6:32 am

thanks for the tutorial man, I really needed this :)

?pth?n - November 2, 2013, 8:59 am

(Oct 6, 2013 05:21 AM)Nope. Wrote: [\[CITE\]](#) Thanks for the tut, I was always a little interested in Cryptography, [minor rant] but the people on this section seem to think the only type of encryption is buying a "crypter" for their RAT. At least now I can actually learn something. [/minor rant]

Thanks again :o

By the way, if you want to actually learn a bit:

There is a CrypterBluePrint on HF, which teaches you how a crypter works and how to make your own one.

If you can't find it, drop me a PM and I'll send it to you.

(This offer is for everyone, by the way ;))

Sought - November 3, 2013, 4:11 am

This is a very nice tut, its helped a lot thanks.

Recep Ivedik - November 3, 2013, 5:46 am

Blank, just blank. I really wanna learn how to, but this made me wierd..

Also if you can like help me toward it on skype with screen share, would be alot more easy for me.

Iam new at this section, and I really wanna learn.??