

Forum:[Hack Forums](#)

Thread: [\[TuT\] How to manually decrypt ROT-13 Hash \[TuT\] by 3x0r](#)

Frank Sinatra - June 7, 2010, 12:35 pm

[TuT] How to manually decrypt ROT-13 Hash [TuT] by 3x0r

This tutorial is for those who don't know about ROT-13 if you know it don't bother reading.

Introduction

Some people send ROT-13 type of emails to confuse unwanted readers thinking it's a mysterious language.

Same with some hackers want to communicate without knowing others what they are talking about. It has been evolved in mid-1992 as a response to postings repeating urban myths on alt.folklore.urban, after some posters complained that "Sheesh!" as a response to newcomers was being overused.

So lets us start:

ROT-13 is the easiest Hash to crypt and also easier to decrypt
What to do is writing from A to Z and in the half make some spaces
a b c d e f g h i j k l m n o p q r s t u v w x y z

Then put under what you wrote from N to Z then from A to M
a b c d e f g h i . j . k l m . n o p q r s t u v w x y z
n o p q r s t u v w x y z . a b c d e f g h i . j . k l m

Lets try to crypt And decrypt HackForums
a b c d e f g h i . j . k l m . n o p q r s t u v w x y z
n o p q r s t u v w x y z . a b c d e f g h i . j . k l m

You check the character of the word and you write the character under it

H = u

a = n

c = p

k = x

F = s

o = b

r = e

u = h

m = z

s = f

so we get UnpxSbehzf

Thanks for reading

3x0r

bmw222000 - June 7, 2010, 1:34 pm

great tut i didn't knew that ;)

ogsupbaby - June 7, 2010, 2:30 pm

Nnice tutorial, I'm still learning all this stuff and I didn't know this, helped me.

Frank Sinatra - June 7, 2010, 4:16 pm

(Jun 7, 2010 01:34 PM)timos222 Wrote: [\[CITE\]](#) great tut i didn't knew that ;)

(Jun 7, 2010 02:30 PM)ogsupbaby Wrote: [\[CITE\]](#) Nnice tutorial, I'm still learning all this stuff and I didn't know this, helped me.

Glad to help and inform :D

Frank Sinatra - June 18, 2010, 2:36 pm

anyone else have a question?? Tell me what do you think??

muslim hacker - June 18, 2010, 2:47 pm

u had really helped me also thank u

Frank Sinatra - June 24, 2010, 10:13 am

Glad to help :)

Toooo short..

Valour - June 24, 2010, 11:04 am

Awesome dude..

and also great explanation

and yea one more thing.

you are from SE team !!

ko0l

Frank Sinatra - June 24, 2010, 1:16 pm

(Jun 24, 2010 11:04 AM)Undefined Wrote: [\[CITE\]](#) Awesome dude..

and also great explanation

and yea one more thing.

you are from SE team !!

ko0l

hehehe glad you liked it :D

And hell yea SE for ever!! ??

Champloo11 - June 24, 2010, 1:36 pm

Is Rox-13 just a Caesar cipher?

Frank Sinatra - June 26, 2010, 2:18 am

(Jun 24, 2010 01:36 PM)Champloo11 Wrote: [\[CITE\]](#) Is Rox-13 just a Caesar cipher?

yea it is.

Spoiler [\(Click to View\)](#)why is it so short

alfonzo1955 - June 27, 2010, 9:28 am

(Jun 24, 2010 01:36 PM)Champloo11 Wrote: [\[CITE\]](#) Is Rox-13 just a Caesar cipher?

I don't think so, Caesar ciphers are transposition ciphers, this is a substitution cipher.

nak15 - June 27, 2010, 9:50 am

I had to do rot 15, with about 80 characters, just to find out I was encrypting it.

But nice, tutorial

Don't for get capital letters are capital when decrypting also.

It's important when decrypting other encryption after this. I found this out after 2hrs of get error, and breaking pencils

SpriteZ - July 16, 2010, 7:50 am

What about numbers?

Spoiler ([Click to View](#))

randomstuf totakespaceiguesslolifureadthisfarthenwtfcosididntintendforpeopleto clickonthespoilerbutt onsoyeahbyenowgottaclosethespoiler

Qkyrie - July 16, 2010, 8:57 am

(Jun 27, 2010 09:28 AM)alfonzo1955 Wrote: [\[CITE\]](#) I don't think so, Caesar ciphers are transposition ciphers, this is a substitution cipher.

ROT-X is in fact a Caesar Cipher. Here's what wiki tells us:

In cryptography, a Caesar cipher, also known as a Caesar's cipher, the shift cipher, Caesar's code or Caesar shift, is one of the simplest and most widely known encryption techniques. It is a type of substitution cipher in which each letter in the plaintext is replaced by a letter some fixed number of positions down the alphabet. For example, with a shift of 3, A would be replaced by D, B would become E, and so on. The method is named after Julius Caesar, who used it to communicate with his generals.

Quote:What about numbers?

If you use just numbers, you use rot5, just letters would be rot13, and a combination of letters and numbers would be rot18.

rot47 is an extended edition with some extra special signs.

[epicjoke]

I myself, I always use double ROT13 for extra protection.

[/epicjoke]

milkshake - July 16, 2010, 9:17 am

abcdefghijklmnopqrstuvwxyz
nopqrstuvwxyzabcdefghijklm

That's awesome ;)

THx

Frank Sinatra - July 23, 2010, 10:37 am

(Jul 16, 2010 08:57 AM)Qkyrie Wrote: [\[CITE\]](#) ROT-X is in fact a Caesar Cipher. Here's what wiki tells us:

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[epicjoke]

I myself, I always use double ROT13 for extra protection.

[/epicjoke]

Exactly :D

(Jul 16, 2010 09:17 AM)milkshake Wrote: [\[CITE\]](#) abcdefghijklmnopqrstuvwxyz
nopqrstuvwxyzabcdefghijklmnopqrstuvwxyz

That's awesome ;)

THx

Glad to help anytime ?

Soon I will do some other ROT Tutorials

To The Limits - July 27, 2010, 1:14 pm

Thank's man for this..Really usefull for me!!! ?

zolja - July 27, 2010, 5:07 pm

Thanks for this tutorial,its really usefull

Obs3rv3r - September 23, 2010, 4:39 am

Thank you for this tutorial. Great explanation!

symetrik - September 23, 2010, 12:30 pm

If you're decrypting, or wanting to use ROT-13 for anything, Python provides an ever easy way of doing so:

```
Code print(raw_input("Message: ").encode("rot13"))
```

hackersidd - September 23, 2010, 1:09 pm

Thanks man...

I was looking for this tutorial...

sekundez - October 23, 2010, 7:14 am

wew.. i didn't notice that kind of trick to manually decrypt the hash..

thanks anyway..

shark455 - February 17, 2011, 5:25 pm

I read about it in Wikipedia,but your TuT is simply Perfect :)

gaylechris - June 8, 2011, 10:35 pm

excellent.. thanks for ur clear xplanation...

Akranes - June 9, 2011, 6:48 am

this is awesome man thank you xD good to know this

lars90 - July 12, 2011, 2:07 pm

wow okay intersting thred great to learn