# Disclaimer

I am no security expert.

# stop using passwords

every time you do, God kills a kitten

# User Identity

the use of a password.
the lie.
forced upon.
the joke.
the proposal.

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@qnoid

Follow

The use of a password is the greatest lie about security the industry has forced upon users and the biggest joke on us.

7:20 PM - 28 Feb 13

**1** RETWEET

“the use of a password”

# password policy

"a set of rules designed to enhance computer security by encouraging users to employ strong passwords and use them properly." [1]

1. http://en.wikipedia.org/wiki/Password_policy

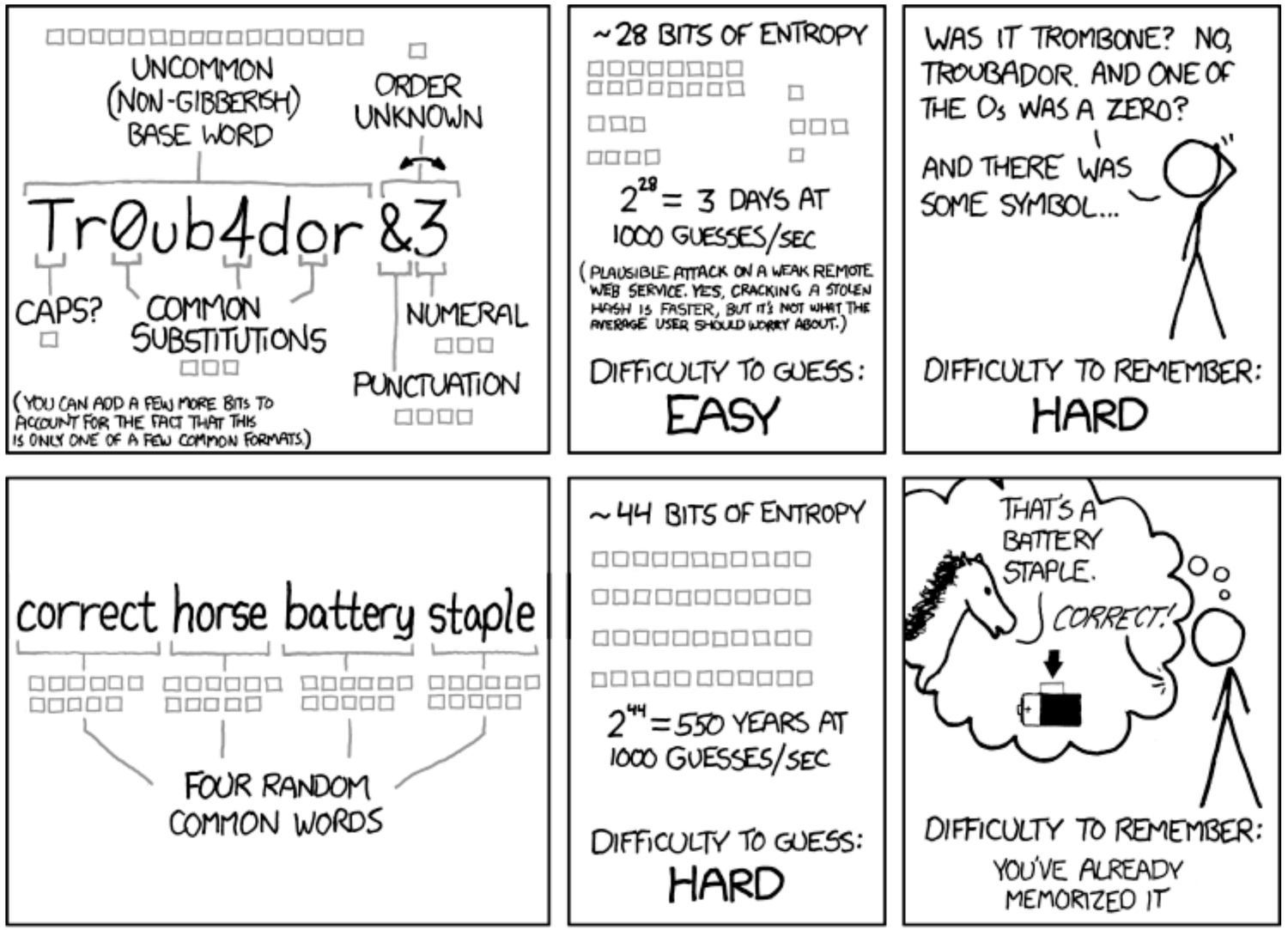
# fixed size of 5 numbers (no reuse)

cursed those born in single digit days, single digit months

consonant, vowel, consonant, consonant, vowel, consonant, number, number

"An Environ password"[1]

1. http://en.wikipedia.org/wiki/Password_policy




1. http://xkcd.com/936/

"Furthermore, for extra security reasons, a password change is obligatory by the system every two months."[1]

just in time you memorised it

1. http://goo.gl/szQPs National Bank of Greece

# security questions

in case you forget your password

# What is your oldest cousin's first and last name?

so good, they made a website[1]

1. http://goodsecurityquestions.com/examples.htm

# Common password practice[1]

- never share a computer account
- never use the same password for more than one account
- never tell a password to anyone, including people who claim to be from customer service or security
- never write down a password
- never communicate a password by telephone, e-mail or instant messaging
- being careful to log off before leaving a computer unattended
- changing passwords whenever there is suspicion they may have been compromised
- operating system password and application passwords are different
- password should be alpha-numeric

1. http://en.wikipedia.org/wiki/Password_policy

or else?

“the greatest lie about security”

# POST /authenticate

username + password

# GET /foo

who are you again?

# eureka!

I know who you are

# Session ID

let me put this right here

# wait, wat?

what has just happened

# but, it’s personal

only I have access to the computer

# but, it's short-lived

yes, but how long?

# 0

down to the millisecond

“has forced”

no password = no access

# please state your name

and by the way, I need you to think of a password

“biggest joke on us”

you should be able to tell by now

so why do I need a password again?

you are using it wrong

password = genius

albeit primitive

# user identity

# openid

still need to create an account (password?)

# oauth

more than authentication, yay!

innovate

# @xoxco
# Ben Brown

http://notes.xoxco.com/post/27999787765/is-it-time-for-password-less-login

@lukew

Luke Wroblewski

http://www.lukew.com/ff/entry.asp?1487

@marcoarment
Marco Arment

http://www.marco.org/2013/02/24/the-magazine-sharing

# Discussion

http://goo.gl/H5z0w

# how does security work?

# discussion with a RSA employee[1]

## “security by the book”

1. http://goo.gl/YCYIC