VEBINĀRS

DROŠĪBA DIGITĀLĀ PASAULĒ

2020. gada 19. martā plkst. 11.00-12.30

Vada Mārtiņš Hiršs

Izglītības un zinātnes ministrija

EPALE
Latvija

Līdzfinansē
Eiropas Savienības
Erasmus+ programma

Drošība digitālā pasaulē

Mārtiņš Hiršs

SkeptiCafe

SKEPTISKĀ BIEDRĪBA

Izvēlies privātumu

Tu esi tik drošs, cik tavs vājākais punkts

Drošība ir ceļojums

Digitālā drošība

TEHNOLOĢIJAS

PSIHOLOĢISKĀ

FIZISKĀ

DOMĀŠANAS VEIDS

haveibeenpwned.com

';--have i been pwned?

Check if you have an account that has been compromised in a data breach

email address | pwned?

Collection #1 (unverified): In January 2019, a large collection of credential stuffing lists (combinations of email addresses and passwords used to hijack accounts on other services) was discovered being distributed on a popular hacking forum. The data contained almost 2.7 *billion* records including 773 million unique email addresses alongside passwords those addresses had used on other breached services. Full details on the incident and how to search the breached passwords are provided in the blog post The 773 Million Record "Collection #1" Data Breach.

Compromised data: Email addresses, Passwords

Dropbox: In mid-2012, Dropbox suffered a data breach which exposed the stored credentials of tens of millions of their customers. In August 2016, they forced password resets for customers they believed may be at risk. A large volume of data totalling over 68 million records was subsequently traded online and included email addresses and salted hashes of passwords (half of them SHA1, half of them bcrypt).

Compromised data: Email addresses, Passwords

MyHeritage: In October 2017, the genealogy website MyHeritage suffered a data breach. The incident was reported 7 months later after a security researcher discovered the data and contacted MyHeritage. In total, more than 92M customer records were exposed and included email addresses and salted SHA-1 password hashes. In 2019, the data appeared listed for sale on a dark web marketplace (along with several other large breaches) and subsequently began circulating more broadly. The data was provided to HIBP by a source who requested it be attributed to "BenjaminBlue@exploit.im".

Compromised data: Email addresses, Passwords

information is beautiful

World's Biggest Data Breaches & Hacks

Select losses greater than 30,000 records

Last updated: 1 April 2019

Filter **Colour** YEAR DATA SENSITIVITY

2009 ▭ 2019   Search...

interesting story

Latest

500px

Blank Media Games

Artsy

Capital One

DoorDash 4,900,000

DataCamp

Houzz

Ixigo

Roll20

ShareThis

Stronghold Kingdoms

YouNow

BriansClub 26,000,000

2019 oto

Dubsmash 162,000,000

Facebook 420,000,000

Petflow

US Customs and Border Protection

Toyota

Whitepages

Australian National University

Canva

Indian Jobseekers 275,000,000

Quest Diagnostics

Panerabread

Suprema

WiFi Finder

8fit

Desjardins Group

Vårdguiden

T-Mobile

Vision Direct

BreedReady

Chtrbox

Ge.tt

MyHeritage

Newegg

SingHealth

Blur

Bulgarian National Revenue Agency

CoffeeMeetsBagel

Fotolog

HauteLook

Urban Massage

BookMate

EyeEm

Google+

LocalBlox

MBM Company

Twitter 330,000,000

2018

Coinmama

Grindr

Healthcare.gov

Ticketmaster

Armor Games

Cathay Pacific

CMS

MyFitnessPal

Quora 100,000,000

WordPress

Cambridge
Analytica

Kā pasaule mainījusies pēdējos 20 gados?

Sensācija

'Gate-keepers'

Sensācija

Uzmanības ekonomika
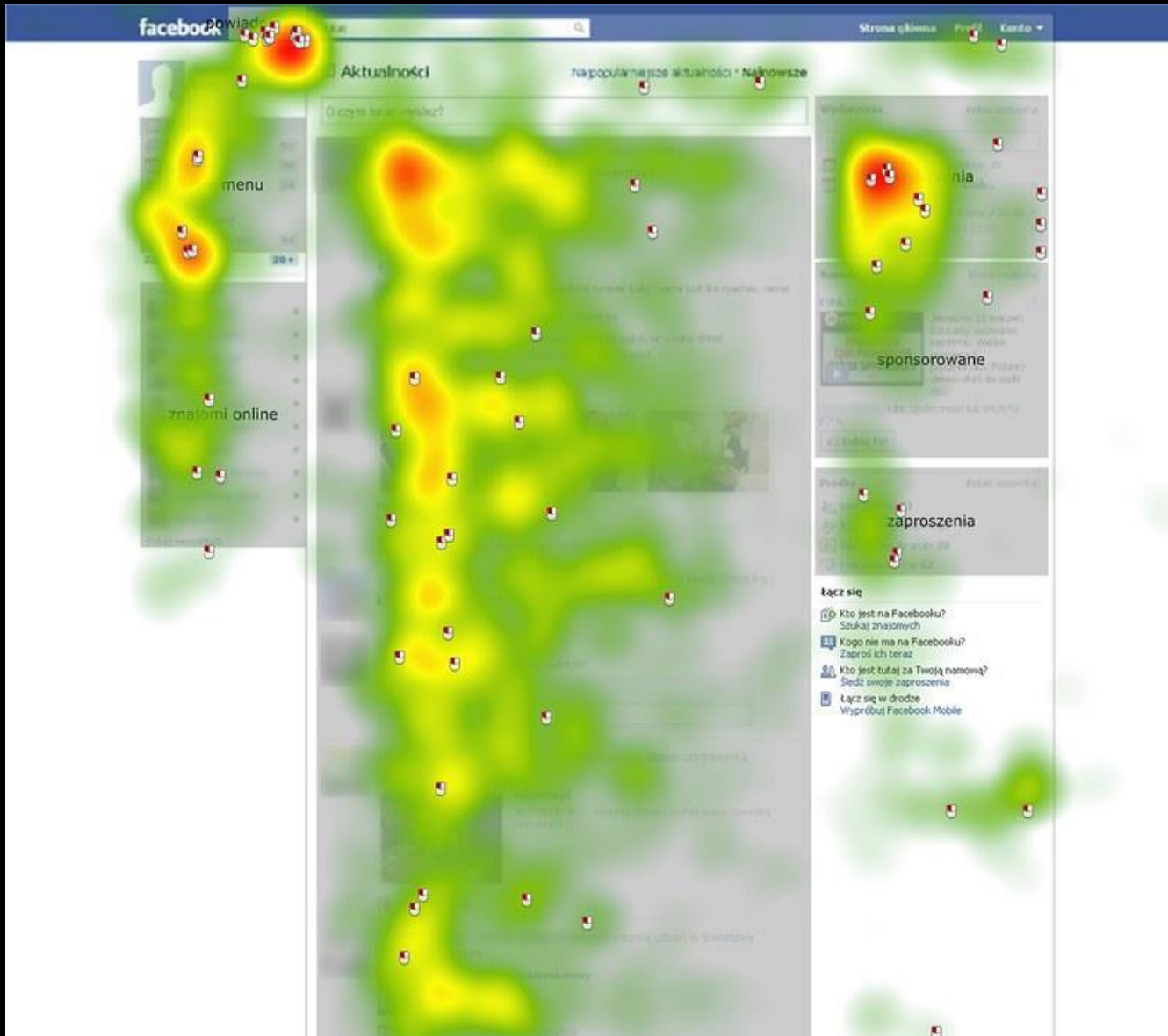
KĀ STRĀDĀ

SOCIĀLIE MEDIJI?

FACEBOOK ALGORITMS

- Facebook grib lai Tu zaudē
- Facebook grib lai Tu tērē laiku / naudu
- Facebook grib "quality content"
- To visu kontrolē automātiski algoritmi

**Demographics +
Psychographics +
Personality Data**

5,000 data points per user
220 million FB profiles in the US

10 likes - better than a coworker

70 likes - better than a friend

150 likes - better than a parent

300 likes - better than a partner

BIG 5 personības iezīmes

BIG 5 personības iezīmes

OPENNESS	
Liberal & Artistic	**Conservative**
Oscar Wilde	NASCAR
Charles Bukowski	Austin Collie
Sylvia Plath	Monster-In-Law
Leonardo Da Vinci	I don't read
Bauhaus	Justin Moore
Dmt The Spirit Molecule	ESPN 2
American Gods	Farmlandia
John Waters	The Bachelor
Plato	Oklahoma State University
Leonard Cohen	Teen Mom 2

AGREEABLENESS	
Cooperative	**Competitive**
Compassion International	I Hate Everyone
Logan Utah	I Hate You
John Foreman	I Hate Police
Redeeming Love	Friedrich Nietzsche
Pornography Harms	Timmy South Park
The Book of Mormon	Atheism / Satanism
Circles Of Prayer	Prada
Go To Church	Sun Tzu
Christianity	Julius Caesar
Marianne Williamson	Knives

EXTROVERSION	
Outgoing & Active	**Shy & Reserved**
Beerpong	RPGs
Michael Jordan	Fanfiction.Net
Dancing	Programming
Socializing	Anime
Chris Tucker	Manga
I Feel Better Tan	Video Games
Modeling	Role Playing Games
Cheerleading	Minecraft
Theatre	Voltaire
Flip Cup	Terry Pratchet

CONSCIENTIOUSNESS	
Well Organized	**Spontaneous**
Law Officer	Wes Anderson
National Law Enforcement Lowfares.Com	Bandit Nation
Accounting	Omegle
Foursquare	Vocaloid
Emergency Medical Services	Serial Killer
Sunday Best	Screamo
Kaplan University	Anime
Glock Inc	Vamplets
Mycalendar 2010	Join If Ur Fat
	Not Dying

STABILITY	
Neurotic	**Calm & Relaxed**
Sometimes I Hate Myself	Business Administration
Emo	Getting Money
Girl Interrupted	Parkour
So So Happy	Track & Field
The Addams Family	Skydiving
Vocaloid	Mountain Biking
Sixbillionsecrets.com	Soccer
Vampires Everywhere	Climbing
Kurt Donald Cobain	Physics / Engineering
Dot Dot Curve	48 Laws Of Power

BIG 5 personības iezīmes

A High Extraversion — Low Extraversion

Dance like no one's watching (but they totally are)

Beauty doesn't have to shout

B High Openness — Low Openness

LOADS OF WORDS

Aristoteles? The Seychelles? Unleash your creativity and challenge your imagination with an ulimited number of crossword puzzles!

LOADS OF WORDS

Settle in with an all-time favorite! The crossword puzzle that has challenged players for generations.

PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES

THE RISE OF SURVEILLANCE CAPITALISM

Facebook > Settings > Ads

Search

Home   Create

Your interests

Advertisers and Businesses

Your information

Ad settings   Close ∧

Ads based on data from partners
To show you better ads, we use data that advertisers and other partners provide us about your activity off Facebook Company Products.   Not allowed

Ads based on your activity on Facebook Company Products that you see elsewhere
When we show you ads off Facebook Company Products, such as on websites, apps and devices that use our advertising services, we use data about your activity on Facebook Company Products to make them more relevant.   Not allowed

Ads that include your social actions
We may include your social actions on ads, such as liking the Page that's running the ad. Who can see this info?   No One
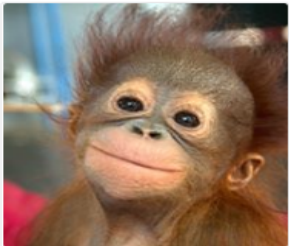
Facebook > Settings > Ads

Search

Home | Create

Your interests

| News and entertainment | Travel, places and events | **Hobbies and activities** | People | Education | Business and industry | More |

Interests are determined based on your activity on Facebook, such as your engagement with certain Pages and ads.

Health & wellness	Automobiles	Cats	Nature	Air travel	Hotels
Vikings	Snow	Photography	Televisions	Immune system	Learning
Birds	Wildlife	Dance	Animal rights	Halloween	Women's rights

Your Facebook info >
Off-Facebook Activity

Manage Future Activity

Search

Home   Create

Manage Future Activity

Turn off future activity?

Here are some things to know:

- **Turning this off will disconnect your future activity.** It may take 48 hours until it's fully disconnected from your account.

- **We'll still receive activity from the businesses and organizations you visit.** It may be used for measurement purposes and to make improvements to our ads systems, but it will be disconnected from your account.

- **Your activity history will also be disconnected from your account.**

- **This will also prevent you from logging into apps and websites with Facebook because your activity will be disconnected from your account.**

- **You'll still see the same number of ads.** Your ad preferences and actions you take on Facebook will be used to show you relevant ads.

Cancel   Turn Off

Kādus paņēmienus
FB izmantotu,
lai pārdotu tev produktus,
zinot šo visu par tevi?

myaccount.google.com

Privacy & personalisation

See the data in your Google Account and choose what activity is saved, to personalise your Google experience

Manage your data & personalisation

We keep your account protected

The Security Check-up gives you personalised recommendations to secure your account

Get started

Account storage

Your account storage is shared across Google services, such as Gmail and Photos

84% used – 12.6 GB of 15 GB

Manage storage

Take the Privacy Check-Up

This step-by-step guide helps you choose the privacy settings that are right for you

Get started

Activity controls

You can choose to save your activity for better personalisation across Google. Turn on or pause these settings at any time.
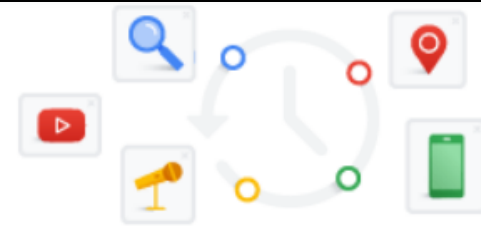
Web & App Activity	✓ On	>
Location History	✓ On	>
YouTube History	✓ On	>

Manage your activity controls

Ad personalisation

You can make ads more useful to you

Ad personalisation

Ads that Google shows you aren't personalised

⊖ Off

Go to ad settings

Activity and timeline

See the activity saved in your account and the places you've been. You can delete any or all of your past activity.

My Activity
Rediscover the things that you've searched for, read and watched

Timeline
See where you've been, based on your Location History
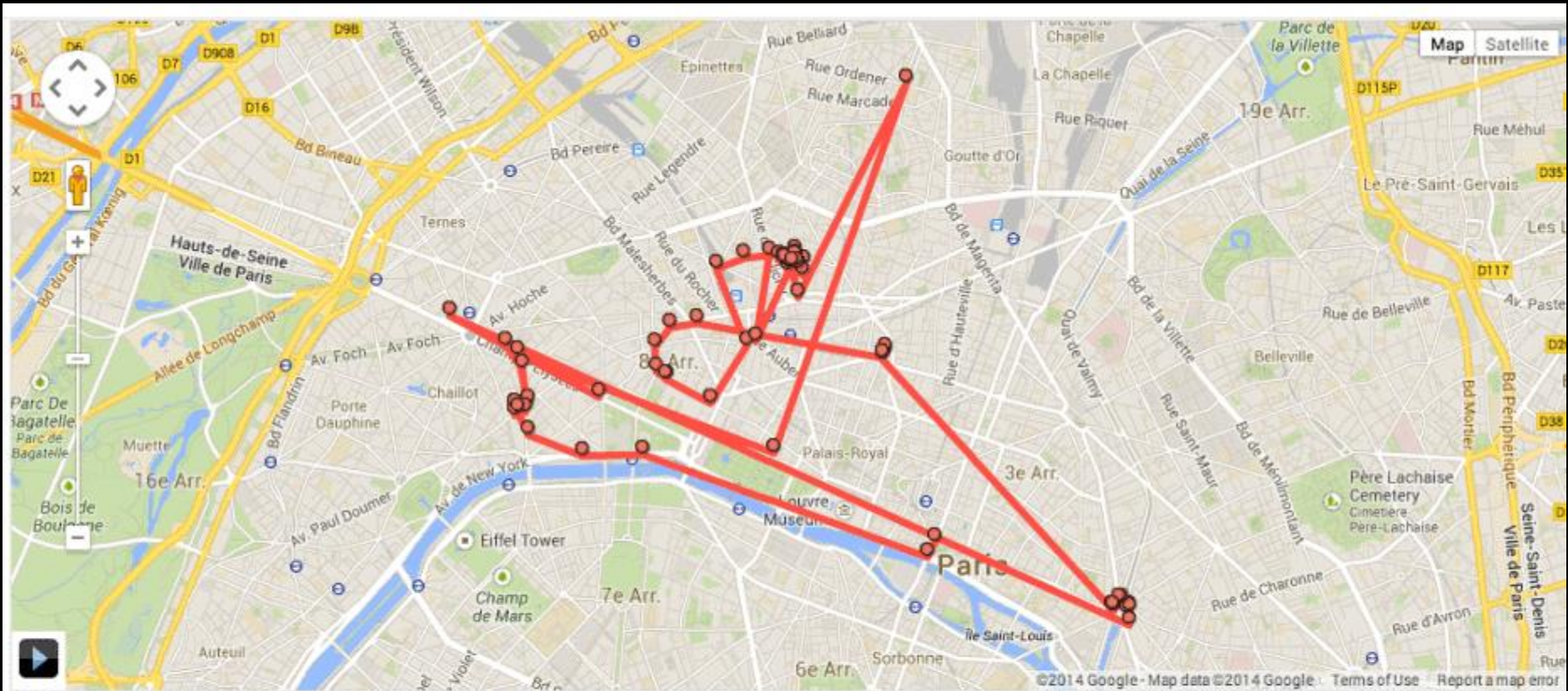
Distance from starting location (farthest distance: 3.367 miles)
Move mouse over graph to show location on map

6/10/14, 6:00 AM

6/10/14, 12:00 PM

6/10/14, 6:00 PM

Your Off-Google Activity?

Google Ads

Nodalīšana

Alternatīva?

Droši messendžeri

Izvēlies privātumu

Tu esi tik drošs, cik tavs vājākais punkts

Drošība ir ceļojums

Vai tagad esam drošībā?

Drošība ir ceļojums
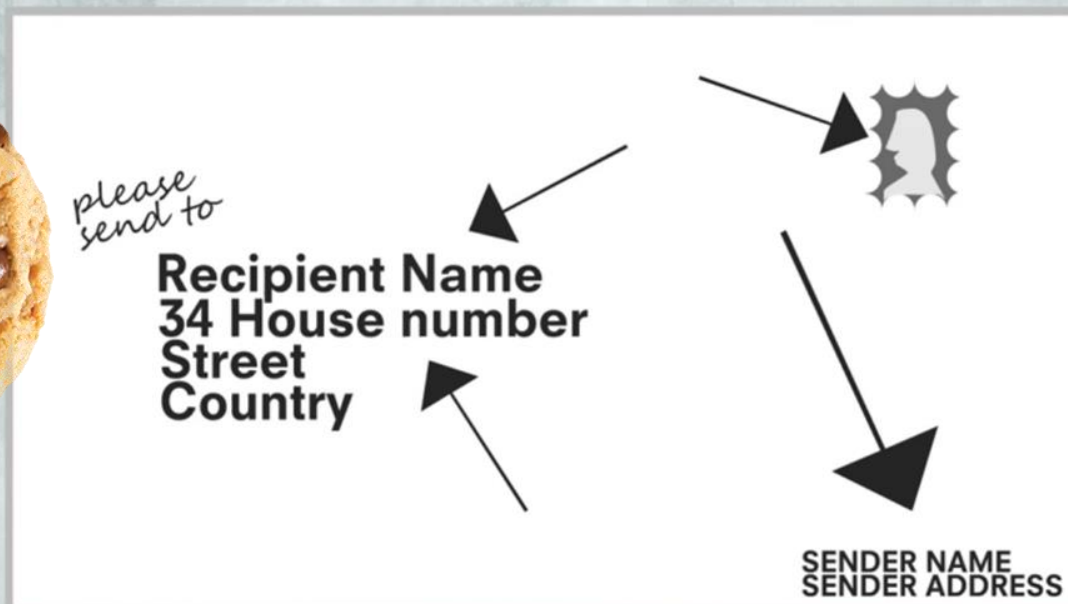
youronlinechoices.com/lv /your-ad-choices

Your Online Choices
a guide to online behavioural advertising

Your ad choices

The companies listed below are some of the providers who work with website providers to collect and use information to provide online behavioural advertising.

Please use the buttons below to control your online behavioural advertising preferences. You can turn off or turn on all companies or alternatively set your preferences for individual ones. By clicking on the expand button you can find out more about the company itself as well as its behavioural advertising status on the web browser that you are using. If you are having any problems please visit our help page.

Turn on or off individual companies.

Company	On/Off		Status	Info
1plusX	edaa	○ On ● Off	✖	▼
4W MARKETPLACE SRL	edaa	Try to re-connect now	⟳	⟳
Accordant Media	edaa	Try to re-connect now	⟳	▼
ADARA	edaa	Try to re-connect now	⟳	▼
AddThis	edaa	○ On ● Off	✖	▼
ADEX	edaa	○ On ● Off	✖	▼
Adform	edaa	● On ○ Off	✔	▼

browserleaks.com

Web Browser Security — BrowserLeaks.com

Since the ancient times it is considered that the IP Address and the HTTP Cook[...]
privacy and web browser identity. After a while, the privacy invaders began to [...]
identify users from the general flow, they started to collect more and more add[...]

Today the situation is more disappointing. Modern web browsers has not been [...]
anonymity networks like Tor have no choice to edit the source code of a web b[...]
sometimes not enough.

[...]'s all about Web Browser Fingerprinting. Here you will fi[...]
[...]dentity data may be leaked without any permissions wh[...]

- Home Page
- IP Address
- JavaScript
- Flash Player
- Silverlight
- Java Applet
- WebGL
- WebRTC Leak Test
- Canvas Fingerprint
- Font Fingerprinting
- Content Filters
- Features Detection
- Geolocation API
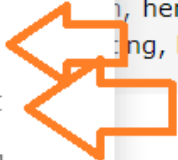
[...]rates server-side abilities to expose the user
[...] a basic features, such as Showing Your IP
[...]equest Headers. As well as Proxy Detection in
[...]eaders. GeoIP Data Acquisition about the
[...] and all of a Proxy IP's (Country, State, City,
[...], Latitude/Longitude), and put all IP places to
[...], here is a special features — Passive TCP/IP
[...]ng, DNS and WebRTC Leak Tests.

[...]h Player Runtime properties that can be
[...]he use of AS3 System Capabilities: Flash
[...]e, Operating System, Manufacturer, System
[...]owser Architecture, Screen Resolution, and

# browserleaks.com

Web Browser Security — BrowserLeaks.com

Since the ancient times it is considered that the IP Address and the HTTP Cook
privacy and web browser identity. After a while, the privacy invaders began to
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sometimes not enough.

🏠 Home Page 's all about Web Browser Fingerprinting. Here you will fi
dentity data may be leaked without any permissions wh

ⓘ IP Address

Java

Flas

Silv

Java

Web

Web

Can

Aa Fon

Con

Fea

Geo

My IP Address :

IP address	89.39.107.198 Hide IP
Hostname	n/a

IP Address Location :

Country	Netherlands (NL)
ISP	Xt Global Networks Ltd.
ASN	AS49981 WorldStream B.V.
Connection Type	Cable/DSL
Timezone	Europe/Amsterdam
Local Time	Mon, 25 Nov 2019 12:27:17 +0100
Latitude/Longitude	52.3824,4.8995

browserleaks.com

WebRTC Media Devices :

Device Enumeration	✓ True
Has Microphone	✓ True
Has Camera	✓ True
Audio-Capture Permissions	?
Video-Capture Permissions	?
Media Devices	kind: audioinput deviceId: default label: n/a kind: audioinput deviceId: communications label: n/a kind: audioinput deviceId: 5639f38a5b37def967332fdd29d59fd8d29a7d2a9178b5251a36d2748edd6dcb label: n/a

, here is a special features — Passive TCP/IP
:ng, DNS and WebRTC Leak Tests.

WebRTC Leak Test

Canvas Fingerprint

Font Fingerprinting

Your Fingerprint :

Signature	✓ 0F5265AA
Uniqueness	99.76% (1131 of 474678 user agents have the same signature)

Firefox Privacy – The Complete How-To Guide

OCTOBER 14, 2019   *By* SVEN TAYLOR   —   154 COMMENTS

VPN

Vai tagad esam drošībā?

Drošība ir ceļojums

grc.com/haystack.htm

How Big is Your Haystack?

... and how well hidden is **YOUR** needle?

If every possible password is tried, sooner or later yours **will** be found.
The question is: Will that be **too** soon . . . or **enough** later?

GRC's Interactive Brute Force Password "Search Space" Calculator
(*NOTHING you do here ever leaves your browser. What happens here, stays here.*)

| 🟢 4 Uppercase | 🟢 11 Lowercase | 🔴 No Digits | 🔴 No Symbols | 15 Characters |

ManIrGaraParole

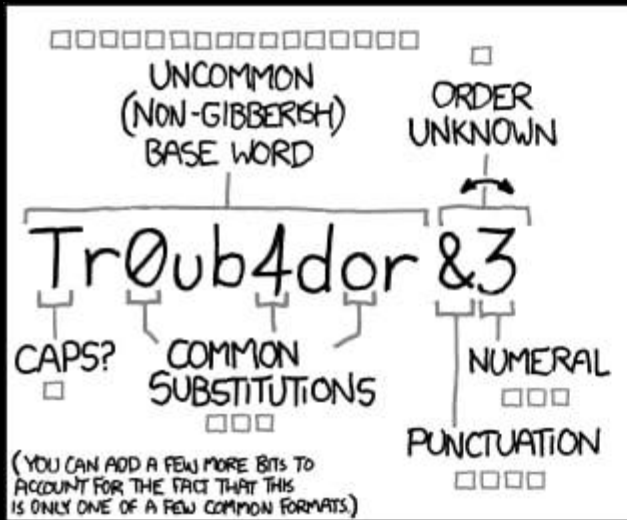Enter and edit your test passwords in the field above while viewing the analysis below.

Brute Force Search Space Analysis:

Search Space Depth (Alphabet):	26+26 = **52**
Search Space Length (Characters):	15 characters
Exact Search Space Size (Count): (count of all possible passwords with this alphabet size and up to this password's length)	56,038,089, 699,156,288,046,695,684
Search Space Size (as a power of 10):	5.60×10^{25}

Time Required to Exhaustively Search this Password's Space:

Online Attack Scenario: (Assuming one thousand guesses per second)	17.82 trillion centuries
Offline Fast Attack Scenario: (Assuming one hundred billion guesses per second)	1.78 hundred thousand centuries
Massive Cracking Array Scenario: (Assuming one hundred trillion guesses per second)	1.78 hundred centuries

Note that typical attacks will be online password guessing
limited to, at most, a few hundred guesses per second.
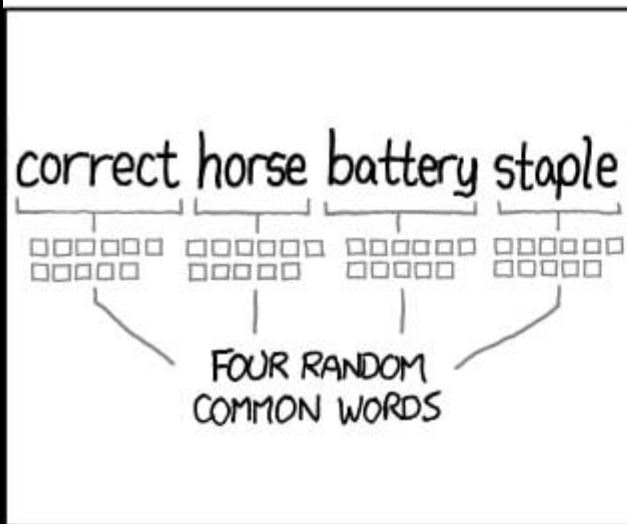
Divu-faktoru autentifikācija (2FA)
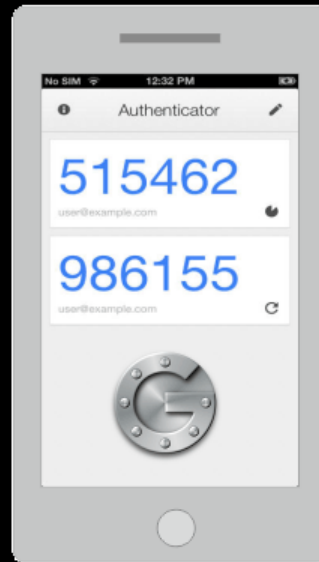
Your Temporary Email Address

jehovah263@mailmink.com

Forget about spam, advertising mailings, hacking and attacking robots.
Keep your real mailbox clean and secure. Temp Mail provides temporary,
secure, anonymous, free, disposable email address.

Copy   Refresh   Change   Delete

SENDER	SUBJECT	VIEW

Your inbox is empty

Waiting for incoming emails

Vairāk info?

Everyday steps you can take to control your digital **privacy**, **security**, and **wellbeing** in ways that feel right to you.

⚠️ **ZIŅOT**
Ziņo par pārkāpumu internetā

💬 **UZTICĪBAS TĀLRUNIS 116111**
Piezvani un saņem atbalstu

Sākumlapa > Materiāli

Materiāli

BĒRNIEM

👤 līdz 11 gadiem

JAUNIEŠIEM

skolanakotnei.lv

Latvijas jauniešu netiķete

Ko par Tevi stāsta tavas Instagram fotogrāfijas? Kas atrodams Google? **Veido pārdomātu digitālo tēlu!**

Izcelies pūlī – **sasveicinies un atvadies** arī tiešsaistē!

Arī e-saziņā izmanto **literāru valodu, liec garumzīmes un komatus.** Tevi sapratīs labāk!

Neapber skolotāju ar naksnīgiem SMS. Skolotāji nedzīvo internetā!

Atvainošanos, sliktas ziņas un īpašus dzīves paziņojumus **atstāj klātienei!**

Neatstāj savu mīļāko mūziķi uz ielas. **Cieni autortiesības!**

Tevis radītās Instagram memes un GIFi ir tādi paši autordarbi, kā Tavs zinātniski pētnieciskais darbs. **Aizsargā savu jaunradi!**

Pirms gada pazudušais kaķis, visticamāk, jau atradies. **Izvērtē, pirms pārpublicē!** Neizplati novecojušas, maldinošas vai nepatiesas ziņas!

Ja nevēlies, lai pseido-draugs klauvē pie Tavām durvīm, ✕ **nepublicē internetā** ✕ **personīgus datus** ✕ **un adresi.**

Par "izsargāšanās metodēm" jādomā arī internetā!

Mazini riskus – uzliec **UPDATE** un izslēdz, ja nelieto!

No "piedūriena" līdz mobingam ir tikai viens solis. **Nedari otram to, ko nevēlies, lai dara Tev!**

Ja klases WhatsApp čatā kādu pazemo, – **nepiedalies, bet novērs!** Ja e-vidē redzi pārkāpumus un nereaģē, Tu vairo vienaldzību sabiedrībā!

Neliec dzīvei filtrus, **Tev nav jābūt Insta-ideālam!**

Dzirdi dzīvi, izņem austiņas!

No #Instafood bildēm nepaēdīsi, ar izpletni internetā neizlēksi un piedzīvojumu stāstus mazbērniem nesavāksi. Izdzīvo realitāti!

Izvēlies privātumu

Tu esi tik drošs, cik tavs vājākais punkts

Drošība ir ceļojums

KRITISKĀ DOMĀŠANA

DOMĀŠANAS KĻŪDAS

MEDIJPRATĪBA

DROŠĪBA INTERNETĀ

SkeptiCafe

≈ ≠ =

SKEPTISKĀ BIEDRĪBA

Paldies par uzmanību!

Izglītības un zinātnes ministrija

EPALE
Latvija

Līdzfinansē
Eiropas Savienības
Erasmus+ programma

Vebinārs organizēts Izglītības un zinātnes ministrijas īstenotā
Erasmus+ projekta "EPALE Nacionālais atbalsts dienests"
(Granta līguma Nr. 2018-2221/001-001) ietvaros

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