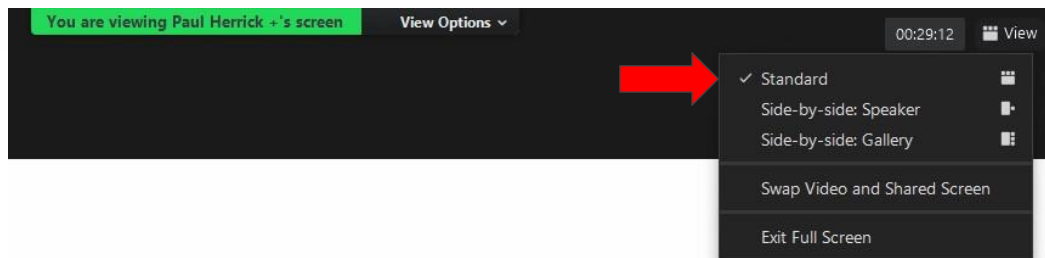
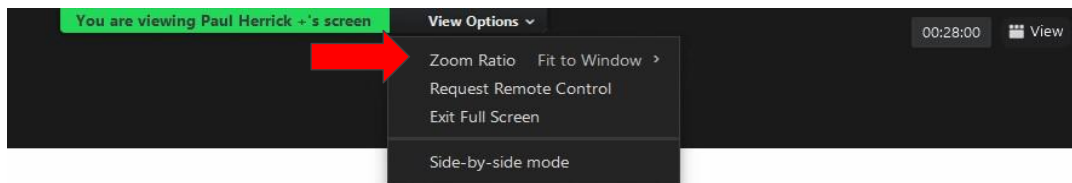


LastPass

An Introduction to Password Managers

Zoom recommended settings (on PC or Mac)



What is your password method?

Please use the chat to say how you remember and use your passwords

Examples:

Password manager (which one?)

Browser (Chrome, Firefox, Safari) feature

Paper book

Post-It on computer screen

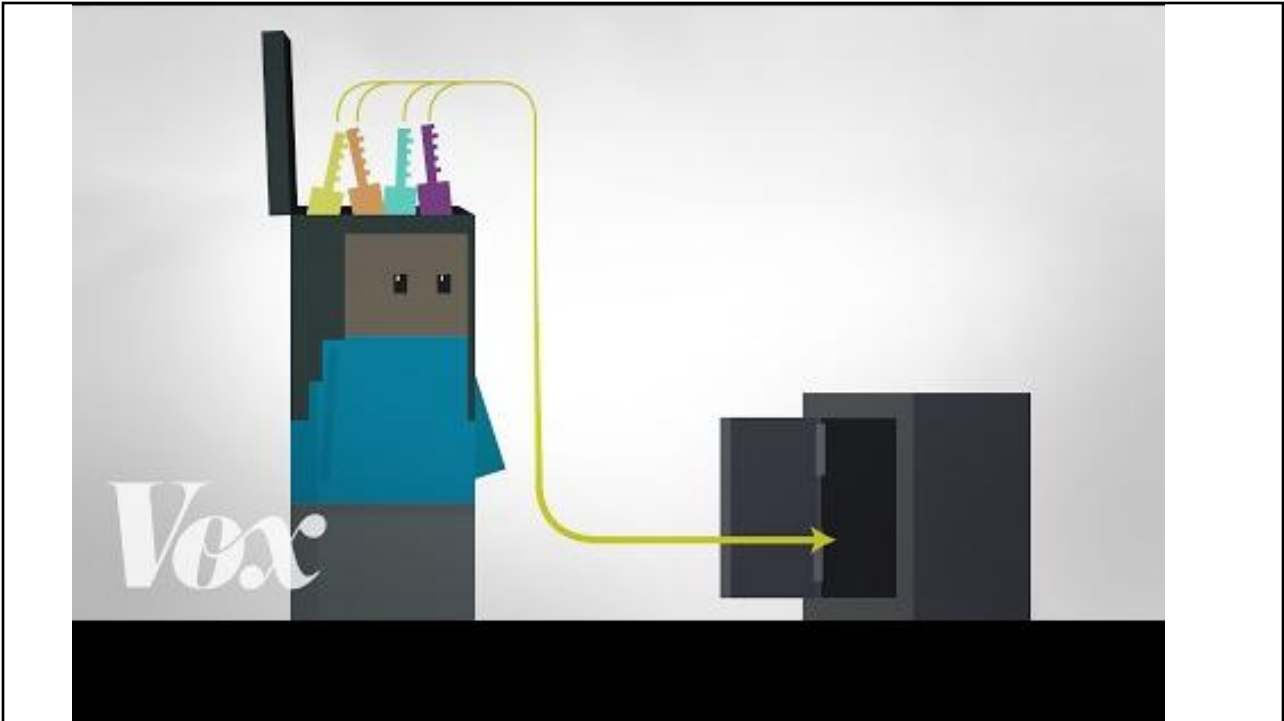
Copy and paste from computer file

Other

Do you plan to change to a password manager?

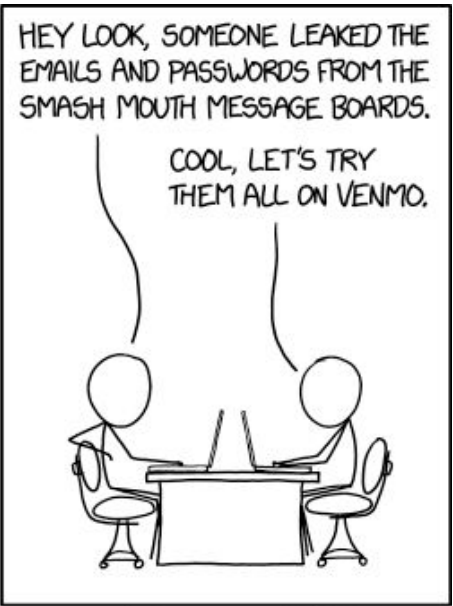
Why do I need a Password manager?

59mile jordan23 michelle 123456a tigger jackson ashley 123123 hannah newmember
nicholas 24crow bailey maggie harley Password1 hunter student buster 59trick
andrew [redacted]cc michael 12345678 joshua jessica charlie
taylor
mustang aaron431 123456789 unknown
michael1 old123ma
shadow summer
research 123456 456a33
jesus1 12345 11111 123abc
pepper harley mickey letmein
baseball abc123 password 10pace
sunshine 1234 passport
password1 Welcome1
password1 football
password1 Password
jennifer [companyname]lo pass1 zaq12wsx
morgan
qwerty [redacted]dork [redacted]off [company name]1 1qaz2wsx
welcome1 monkey nicole
[redacted]cd [company name] 1234567 madison 19weed princess
ginger vacation soccer 66bob justin matthew jordan Welcome1 13pass13



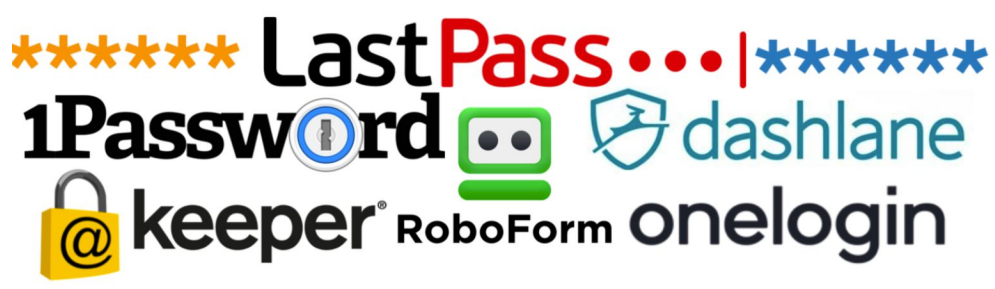


HOW PEOPLE THINK HACKING WORKS

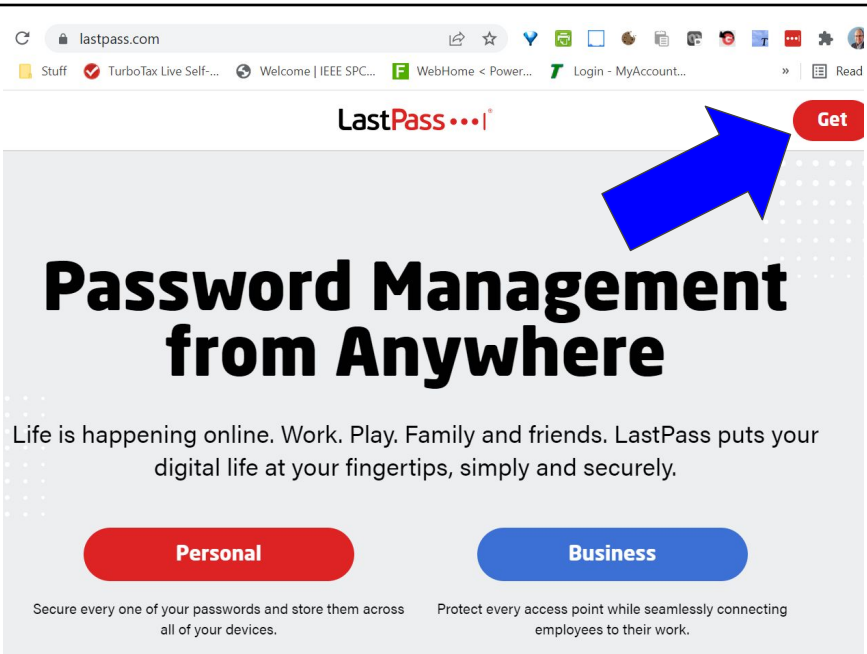


HOW IT ACTUALLY WORKS

Password Managers



LastPass Demo



The screenshot shows the LastPass website homepage. At the top, the browser address bar displays "lastpass.com". The navigation bar includes the LastPass logo and a red "Get" button. A large blue arrow points from the right towards the "Get" button. The main content area features the headline "Password Management from Anywhere" in large, bold black text. Below the headline is a sub-headline: "Life is happening online. Work. Play. Family and friends. LastPass puts your digital life at your fingertips, simply and securely." Two primary buttons are visible: a red "Personal" button and a blue "Business" button. Below each button is a short description of the plan's features.

lastpass.com

Stuff TurboTax Live Self... Welcome | IEEE SPC... WebHome < Power... Login - MyAccount... Read

LastPass... | Get

Password Management from Anywhere

Life is happening online. Work. Play. Family and friends. LastPass puts your digital life at your fingertips, simply and securely.

Personal

Secure every one of your passwords and store them across all of your devices.

Business

Protect every access point while seamlessly connecting employees to their work.

Create an account or Log In

Sign Up - It's Free

By completing this form, I agree to the [Terms](#) and [Privacy Policy](#). I want to receive promotional emails, unless I opt out.

Create an account or Log In

Email already in use. [Trouble logging in?](#)

Strength

Our minimum requirements:

- At least 12 characters long
- At least 1 number
- At least 1 lowercase letter
- At least 1 uppercase letter
- Not your email

Our advice:

Tell a story unique to you. *Fidoatelmy2woolsox*

[What makes a password strong?](#)

Sign Up - It's Free

LastPass

✓ Your account has been successfully created!

CONGRATULATIONS

Welcome to LastPass!

Install the **browser extension**, then log in using the account you've just created.

Install LastPass ↓

○ ————— ●
Add to browser Log in

https://www.amazon.com/ap/signin?_encoding=UTF8&openid.assoc_handle=usflex&openid.claimed_id=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0%2F...

amazon

Sign-In

Email (phone for mobile accounts)

Password [Forgot your password?](#)

By continuing, you agree to Amazon's [Conditions of Use](#) and [Privacy Notice](#).

Keep me signed in. [Details](#) ▾

New to Amazon?

LastPass

Email

Master Password [Recovery Help](#)

Remember Email Remember Password

or

[Create an account](#)

https://www.amazon.com/ap/signin?_encoding=UTF8&openid.assoc_handle=usflex&openid.claimed_id=h...

amazon

Sign-In

Email (phone for mobile accounts)

Password [Forgot your password?](#)

By continuing, you agree to Amazon's [Conditions of Use](#) and [Privacy Notice](#).

Keep me signed in. [Details](#) ▾

New to Amazon?

SEE SOMETHING NEW, EVERY DAY. TAKE A LOOK

amazon prime

Deliver to Julie
Santa Ana 92701

Your Pickup Location Browsing History Today's Deals

Your Amazon.com Your Browsing History Recommended For You Improve Your Recommendations Your Profile

Recommended for you, Julie

Add to LastPass?
amazon.com jaherrick@gmail.com
LastPass... Not now Add

amazon

Sign-In

Email (phone for mobile accounts)
jaherrick@gmail.com

Password [Forgot your password?](#)

Sign-In

By continuing, you agree to Amazon's [Conditions of Use and Privacy Notice](#).

Keep me signed in. [Details](#)

New to Amazon?
Create your Amazon account

amazon

Sign-In

Email (phone for mobile accounts)
jaherrick@gmail.com

LastPass... |

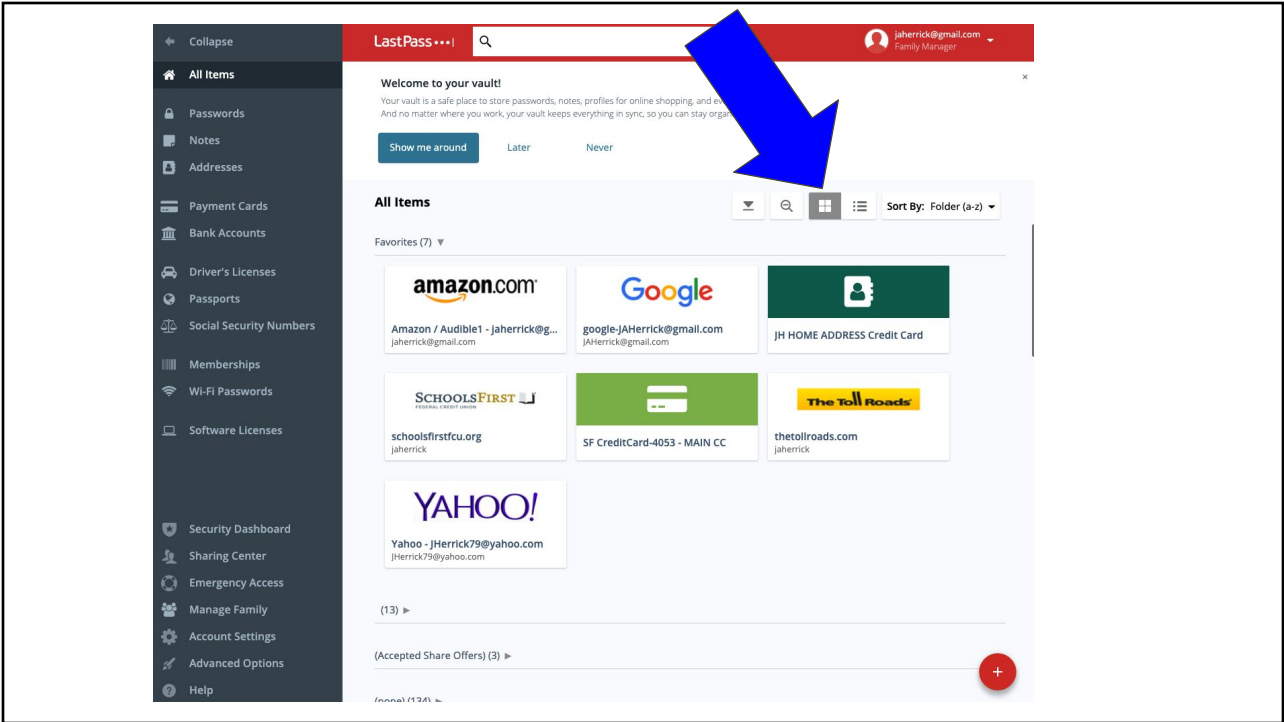
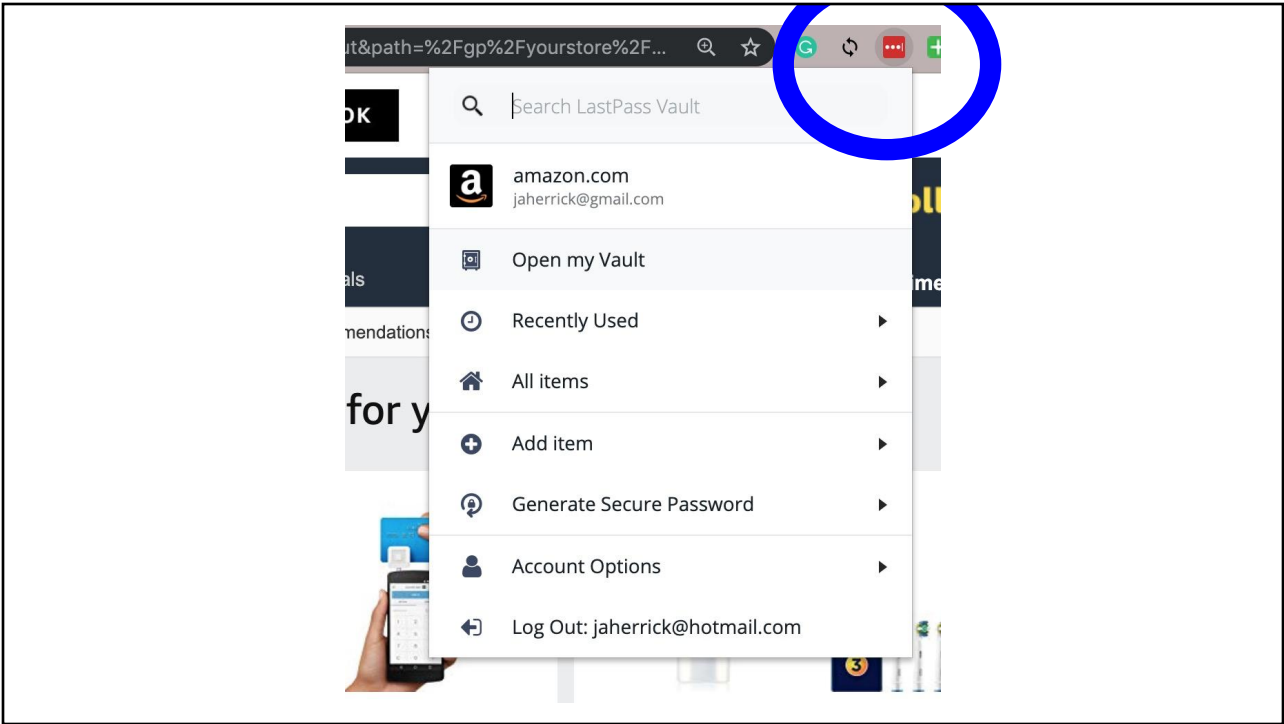
PASSWORDS

amazon.com jaherrick@gmail.com

FORM FILLS

Nothing in your vault to fill on this site.

New to Amazon?
Create your Amazon account



Collapsible sidebar on the left with categories: All Items, Passwords, Notes, Addresses, Payment Cards, Bank Accounts, Driver's Licenses, Passports, Social Security Numbers, Memberships, Wi-Fi Passwords, Software Licenses, Security Dashboard, Sharing Center, Emergency Access, Manage Family, Account Settings, Advanced Options, Help.

Header: LastPass*** | search my vault | jaherrick@gmail.com Family Manager

Welcome to your vault!
Your vault is a safe place to store passwords, notes, profiles for online shopping, and even documents. And no matter where you work, your vault keeps everything in sync, so you can stay organized and save time.

Show me around Later Never

All Items [Grid Icon] [List Icon] Sort By: Folder (a-z)

Favorites (7) ▾

<input type="checkbox"/>	amazon.com Amazon / Audible1 - jaherrick@gmail.com jaherrick@gmail.com	Last used 3 weeks ago
<input type="checkbox"/>	Google google-JAHerrick@gmail.com jaherrick@gmail.com	Last used 4 days ago
<input type="checkbox"/>	JH HOME ADDRESS Credit Card	Last used A year ago
<input type="checkbox"/>	SCHOOLSFIRST schoolsfirstfcu.org jaherrick	Last used 4 days ago
<input type="checkbox"/>	SF CreditCard-4053 - MAIN CC	Last used 2 years ago
<input type="checkbox"/>	theTollRoads thetollroads.com jaherrick	Last used 2 weeks ago
<input type="checkbox"/>	YAHOO! Yahoo - JHerrick79@yahoo.com JHerrick79@yahoo.com	Last used 2 years ago

(13) ▶

(Accepted Share Offers) (3) ▶

(none) (134) ▶

Red '+' button at bottom right.

A large blue arrow points from the top right towards the search bar.

Collapsible sidebar on the left with categories: All Items, Passwords, Notes, Addresses, Payment Cards, Bank Accounts, Security Challenge, Sharing Center, Emergency Access, Account Settings, More Options.

Header: LastPass*** | search my vault | Upgrade | jaherrick@hotmail... Premium Trial User

Welcome to your vault!
Your vault is a safe place to store passwords, notes, profiles for online shopping, and even documents. And no matter where you work, your vault keeps everything in sync, so you can stay organized and save time.

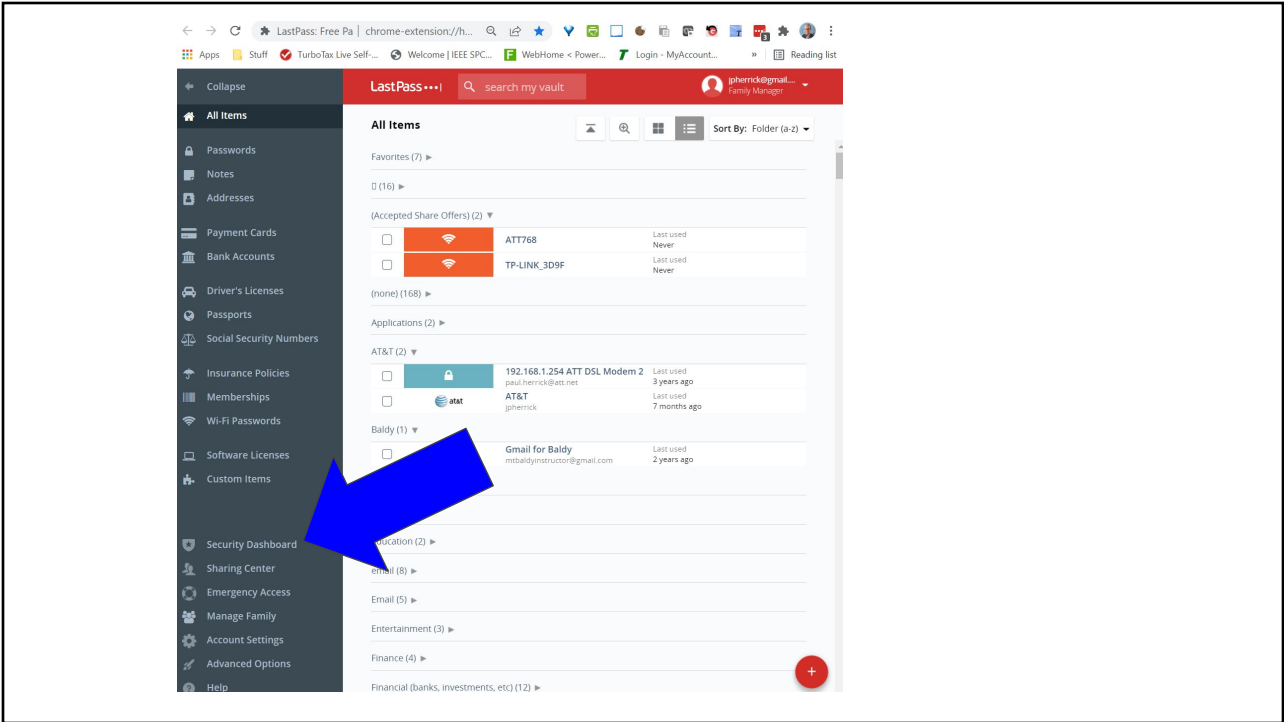
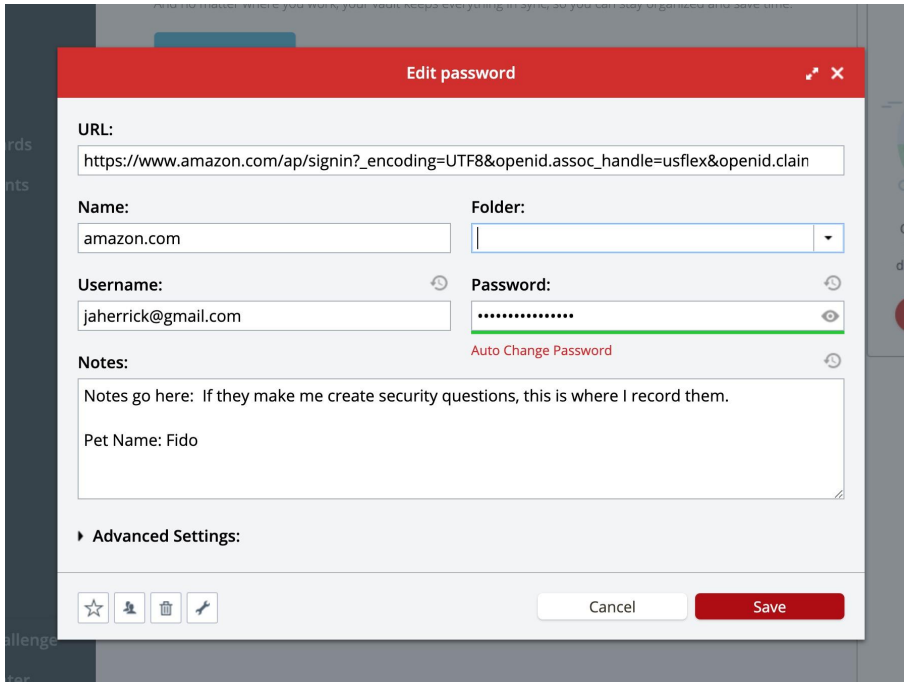
Show me around Later Never

All Items [Grid Icon] [List Icon] Sort By: Folder (a-z)

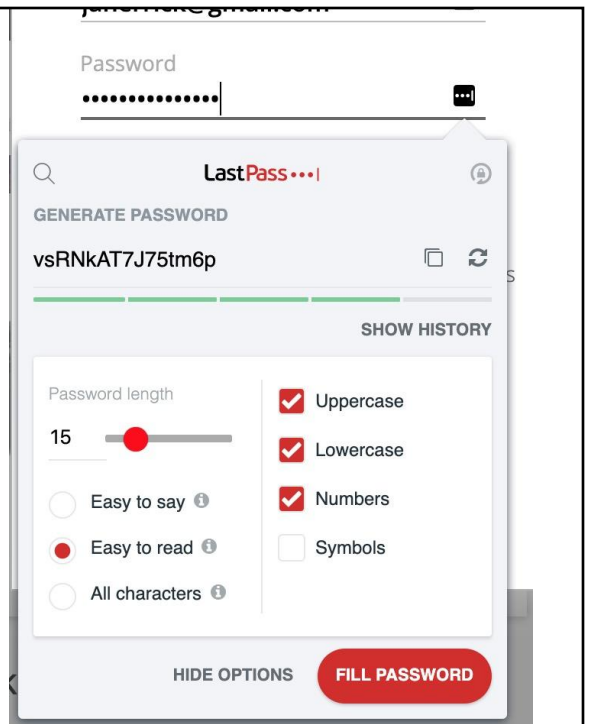
Item card for amazon.com (jaherrick@gmail.com) is circled in blue. It includes a 'Launch' button and icons for sharing and deleting.

Red '+' button at bottom right.

Right sidebar advertisement: LastPass*** Try LastPass Families! Organize and secure your entire family's digital life in LastPass. LEARN MORE

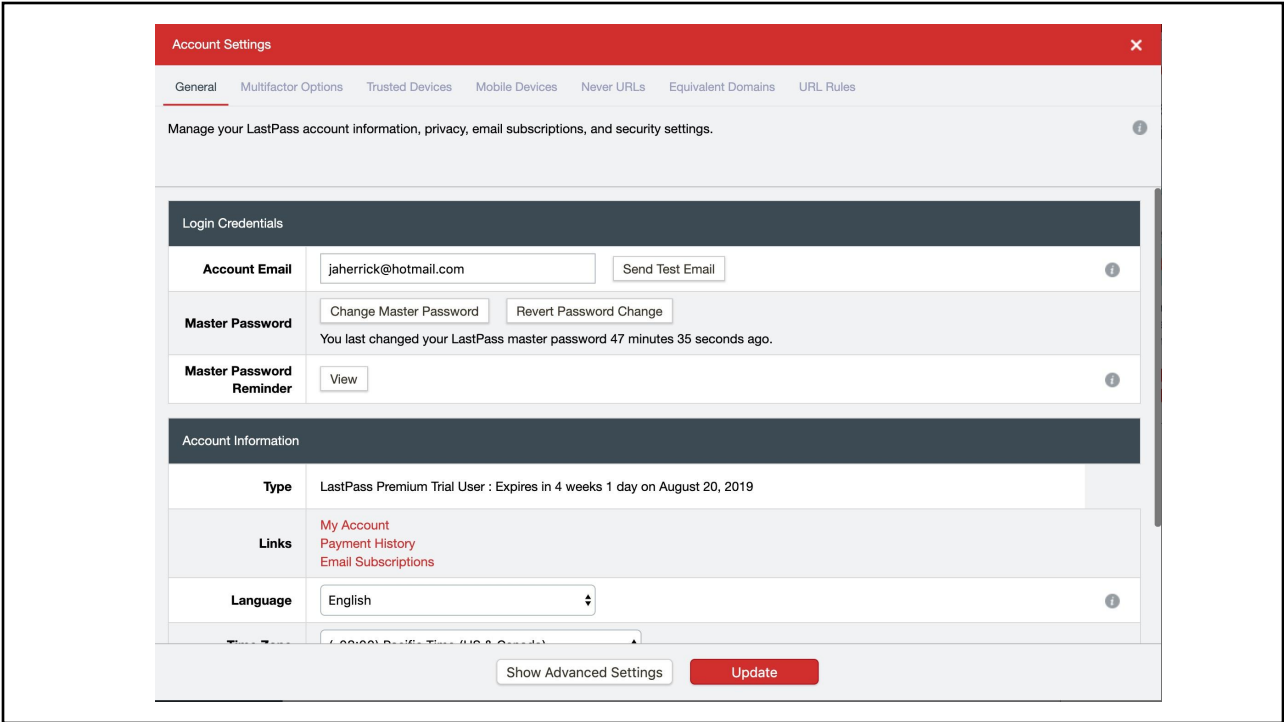
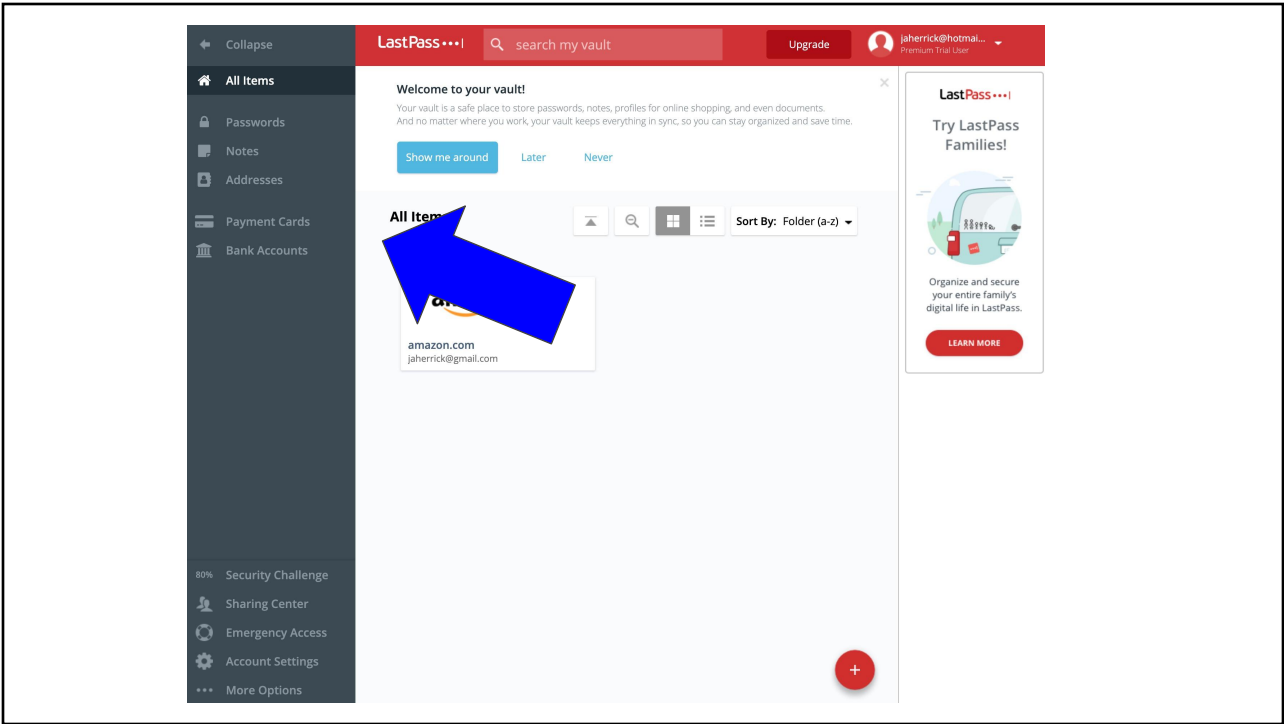


Generate a
Password



Digital contingency plan

- ✓ Make your accounts safely available to another LastPass user of your choice using the Emergency Access feature.
- ✓ Prepare for the future and ensure you're never locked out in unexpected situations.



Multi-Factor Authentication

	Examples	Risks
HAVE	Phone YubiKey Backup Codes Authenticator App on phone House Key	Lost Stolen
KNOW	Password First Pet	Forgetting Temptation to re-use Brute Force, Phishing
ARE	Fingerprint Face Recognition	Tech malfunction

Equivalent Domains

YouTube.com = Google.com = Gmail.com

Apple.com = iCloud.com

Amazon.com = Audible.com

Browser Settings

Turn OFF your browser's password memory & delete browser stored passwords

Auto log-out after X minutes idle

(From LastPass icon > Account Options > Extension Preferences)

Why should I trust it?

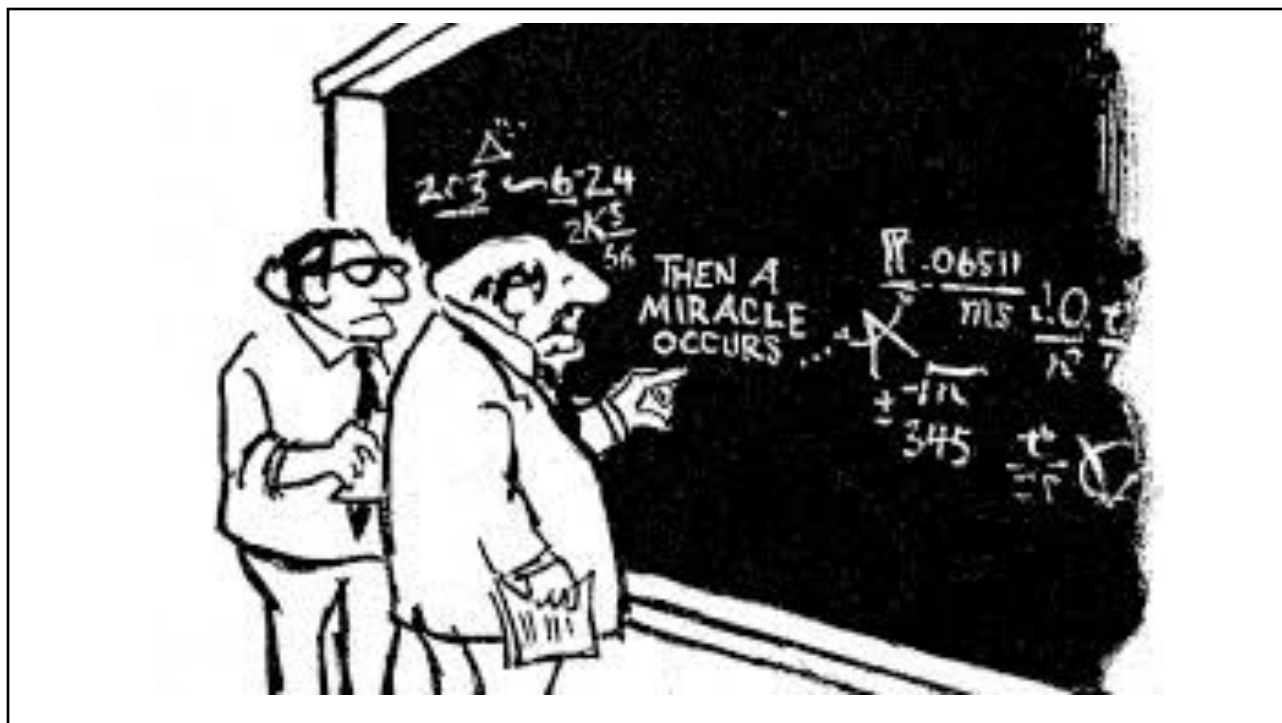
Local-Only Encryption

Your Data on LastPass is encrypted.

Master Password is the encryption key.

Your Vault is decrypted locally.

LastPass does not have access to, nor does it store, the master password.



I can trust LastPass because...

It's with me on mobile or even any computer browser.

I can export anytime I want.

Which one?



A few factors to consider in picking a password manager

- Does it have its own master password, or does it use the credentials of your device (i.e. computer password or phone code)
- Does it sync between devices? Mac/PC/iOS/Android/Browser?
- Can you share selected passwords with family, for household shares like Netflix, or for estate planning?
- Does it offer multi-factor authentication?

family

Options & Cost

<p>Free</p> <p>\$ 0</p> <p>1 user</p> <p>The first step to improving your password habits.</p> <p>Get LastPass Free</p> <p><i>Includes a free 30-day trial of Premium</i></p>	<p>Premium</p> <p>\$ 3</p> <p>/month 1 user</p> <p>Secure your online backup plan and enjoy flexible sharing.</p> <p>Try Now</p> <p>Go Premium</p> <p><i>Billed \$36 USD annually</i></p>	<p>Families</p> <p>\$ 4</p> <p>/month 6 users</p> <p>All of your family's passwords organized, secure, and at your fingertips.</p> <p>Try Now</p> <p>Buy Now</p> <p><i>Billed \$48 USD annually</i></p>
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Email is your Master Key

When you forget a password, they send a reset link to your email.

Anyone with access to your email has the power to reset your other passwords.



QUESTIONS?



Paul Herrick

jpherrick@gmail.com