Password Management with Zoho Vault

Agenda

- Introduction

- Cybersecurity and the causes for global concern

- Importance of password hygiene

- Introduction to password managers

- Quick overview of Zoho Vault

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Every part of our lives is now online

Cybersecurity

A global cause for concern

Could you be a
potential victim?

YES! The "*It won't happen to me*" attitude turns businesses into cyber attack victims. Reasons?

→ Neglect
→ Lack of time and resources
→ Failure to adopt new technology

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Impact on business continuity

Around **80%** of firms have witnessed an increase in cyber attacks in 2020, and over **23%** global organizations suffered seven or more attacks that infiltrated their networks

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01	36 billion records breached until Q3 2020
02	28% of attacks target SMBs
03	Average cost of a breach is estimated to be $4,000,000

Source: Riskbasedsecurity.com, Infosecurity-magazine.com, Verizon DBIR 2020, Fortune.com

Facing the challenge of remote work

Personal Life — **New normal** — Work Life

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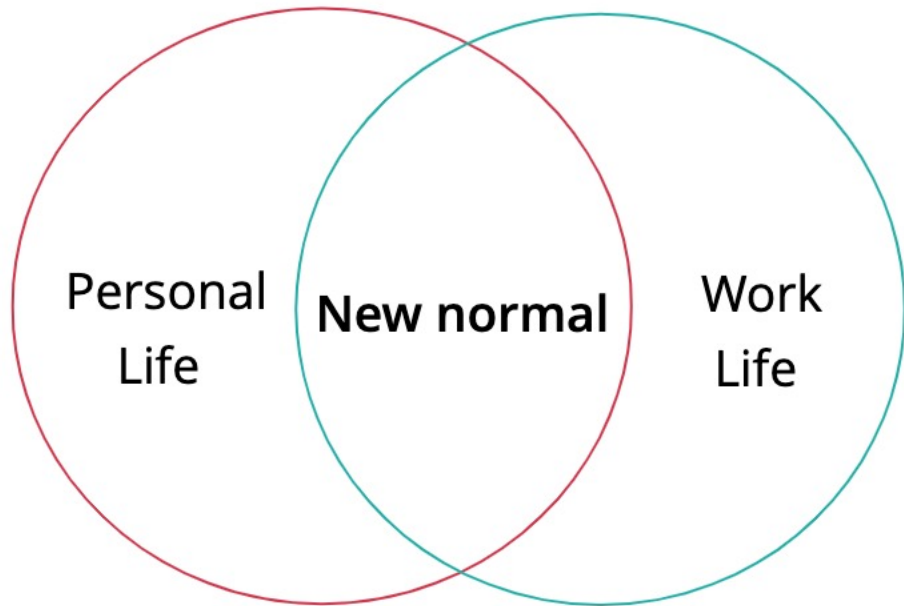
Potential cyber threats in 2020 when **working remotely**

Increase in human errors	Targeted phishing attempts	Increase in ransomware attacks	Continued use of stolen credentials
Major contributors include decrease in workforce, increase in workload, and distractions at home.	2020 has seen a 650% rise in phishing emails targeting people with terms related to COVID-19.	Experts predict potential increase in number of ransomware attacks.	Over 80% of breaches are caused by stolen or brute-forced credentials.

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Passwords: the culprits behind data breaches

✧ Average employees use **35** business critical applications, while some enterprises even use up to **200**.

✧ Over **80%** of hacking attempts were made using stolen credentials since the global lockdown

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Source: 1. Techrepublic, The Wall Street Journal ; 2. Updated Verizon DBIR 2020

But it is **so difficult**
to remember passwords

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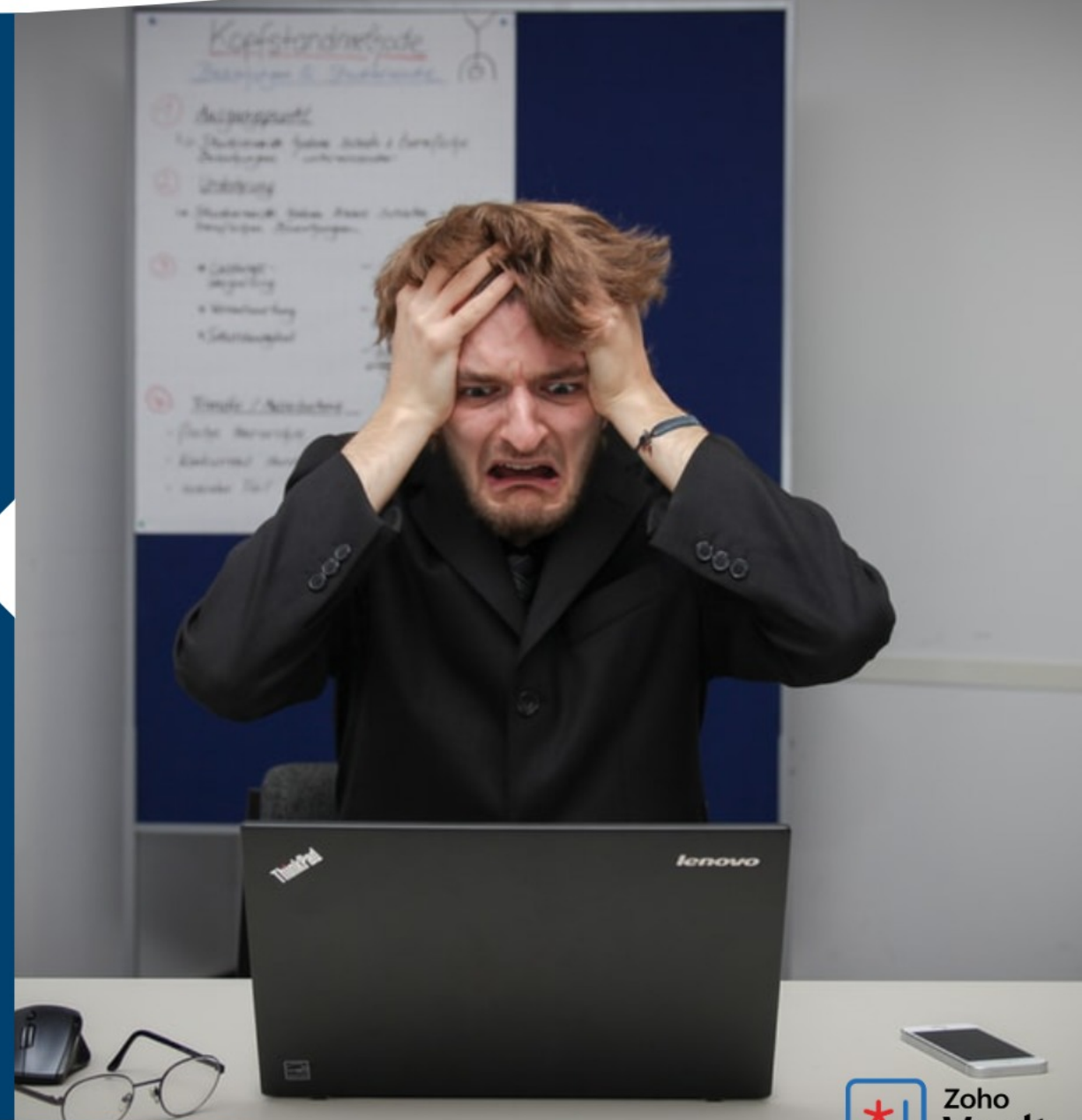
Why are we so bad at **password management?**
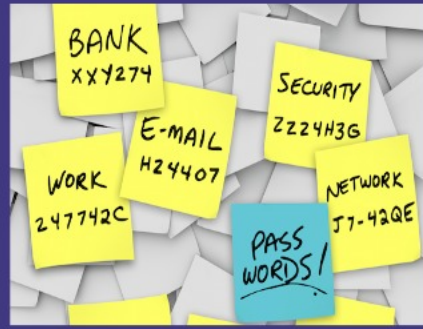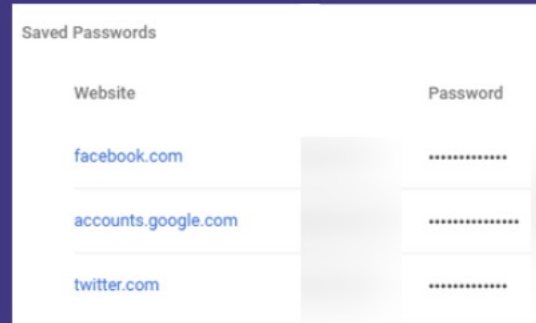
Sticky notes

Spreadsheets
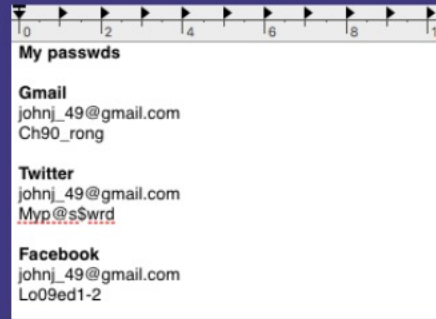
Text files
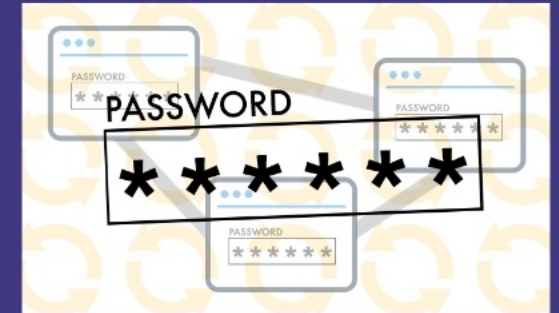
Password reuse

Browsers

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What can a password manager offer?

Here's how a password management solution can help overcome your password problems

Eliminate the need to remember multiple passwords

Generate secure, strong passwords for all accounts

Store all your passwords in one place

Safely share passwords with colleagues, friends and family

Track, monitor, and manage every user's access privilege

Simplify access to websites and applications

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Beyond **Security**

- Easy access to your passwords from anywhere in the world, across devices

- Increase user productivity by 40%

- Comply with security laws related to password management

- Stay audit-ready with every individual's access details

- Reduce help desk costs spent on password reset requests

- Instill security practices in the "work-from-anywhere" culture

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Overview of **Zoho Vault**

🔒 Safely store passwords

🛡️ Securely share passwords

🔑 Auto-login to websites

👆 Manage access constraints

✔️ Track every action

📄 Gain complete visibility

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Security Architecture

Client-side encryption

Browser

Extensions

AES-256

User devices

Mobile apps

https

https

https

Only the encrypted data goes to our data center

Zoho application server

Zoho Data Centers

DBS	DFS
Database Server	Distributed File System

USA

EU

India

Australia

China

Multi-factor authentication

******** ONE TIME PASSWORD

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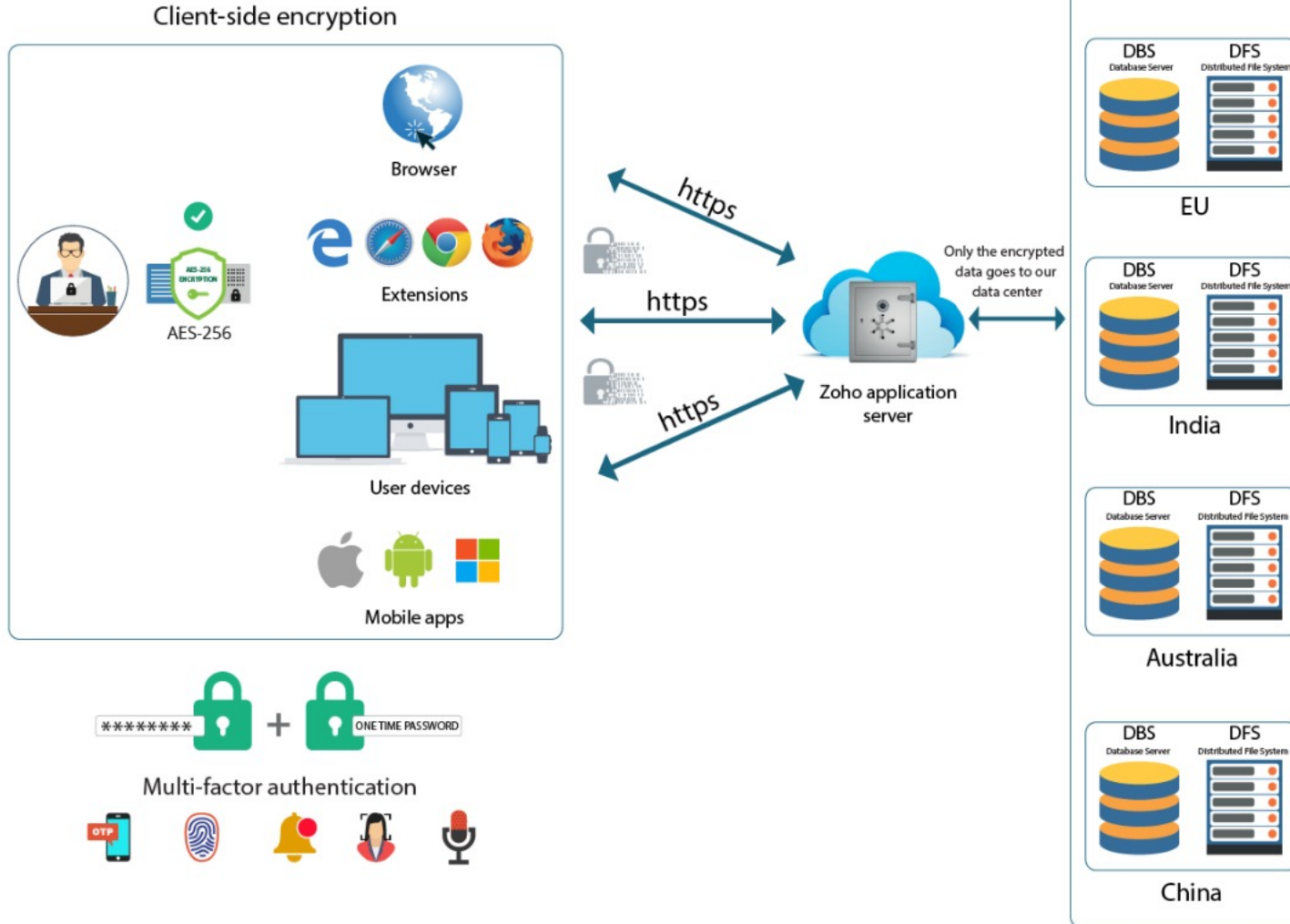
Import Your Passwords

Import Passwords ⓘ

CSV Standard CSV File	Dhanalakshmi

Browsers

Brave	Edge	Firefox	Google Chrome	Opera	Vivaldi

Other Vendors

1Password	Bitwarden	clipperz Clipperz	Dashlane	Enpass	KeePass
KeePassX	Keeper	LastPass••• LastPass	McAfee True Key	Mitro	Passpack
Passportal	Password Gorilla	Password Wallet	RoboForm	Sticky Password	Thycotic Secret Server

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Extension and Apps

Browser extensions

Safari   Chrome   Firefox   Edge   Opera   Vivaldi   Brave

Apps

GET IT ON Google Play   Download on the App Store

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Integrations - Zoho apps

Existing integrations

Zoho Projects

Zoho Desk

Zoho Mail

Zoho WorkDrive

Zoho Flow

Integrations in roadmap

Zoho CRM

Zoho Cliq

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Integrations - third party

Productivity suites

Help desk solutions

Cloud storage services

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Integrations - third party

SIEM services

Standing out from the competition

Here's how Vault stands out from the competition

- Extensive Integrations
- Enterprise-ready features
- Efficient organization
- One product, two solutions
- Affordable for everyone
- The Zoho brand

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Choosing the **Right Solution**

Must-have features	Zoho Vault	Vendor B	Vendor C
Store unlimited passwords and documents	✔		
Cross-platform support with 24/7 availability	✔		
Sync data across all devices	✔		
Generate and store strong passwords	✔		
Provide multifactor authentication	✔		
Share passwords with multiple users	✔		
Auto-fill login credentials on websites	✔		
Powerful admin controls	✔		
Real-time audit logs to track user actions	✔		

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Choosing the **Right Solution**

Good-to-have features	Zoho Vault	Vendor B	Vendor C
Support passwordless authentication (Single sign-on)	✔		
Flexible user restrictions (IP, custom restrictions)	✔		
Emergency access to business passwords	✔		
Periodic backup of all data stored	✔		
Email alerts for critical user actions	✔		
Detailed reports on all user actions	✔		
Mandatory approval to access critical passwords	✔		
One-click password reset for websites	✔		
Security report for personal and business passwords	✔		

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Choosing the **Right Solution**

Good-to-have features	Zoho Vault	Vendor B	Vendor C
Import and sync users from AD and LDAP	✔		
Support other user import options (Office 365, G Suite, etc.)	✔		
Import passwords from browsers, spreadsheets, or text files	✔		
Share passwords with third parties	✔		
Acquire passwords of employees leaving your team	✔		
Offline access	✔		
Third-party integrations	✔		

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Q&A

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Thank you

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