

# Ford's Colony Computer & Technology Club

LastPass...

1Password

bitwarden

@keeper

## Password Managers

KeePass

Monday, May 18, 2020

Zoom Video Meeting

dashlane

# Maintain Strong Passwords

- ✦ Make your password long (at least 16 characters)
- ✦ Do not use common phrases or number sequences
- ✦ Use a combination of Upper and Lower Text, Numbers and Symbols
- ✦ Do Not reuse passwords
- ✦ Each of your accounts should have use a different password
- ✦ Strongly Recommend using a Password Manager:

*Password managers are programs that allow for the creation and storage of a multitude of passwords.*

# Enable Two Factor Authentication

- ✚ When you have to enter only your username and one password, that's a single-factor authentication.
- ✚ Two-factor authentication adds a second level of authentication to an account log-in.
- ✚ Various Two Factor Authentication (2FA) Types:
  - ✚ SMS Text –text message *(not that great)*
  - ✚ Authenticator App (examples: Google Authenticator, Microsoft Authenticator)
  - ✚ Push Based – sends a prompt to one of your various devices
  - ✚ Security Key or Card

# Password Logbook



**Site name**

Site address

Login/username

Password

**Site name**

Site address

Login/username

Password

# PASSWORD MANAGER

- Generates Strong Password
- Securely Stores Login/Passwords information
- Organizes your hundreds of: Websites, user names , Passwords
- Monitors: Website, Login/Password and Security issues
- Can be used to securely store credit cards info, passports, other important documents
- Keeps all your important information in one very secure location
- Security Experts Agree - Password Managers are highly recommend

# PASSWORD MANAGER

## Your Responsibility

- Use a Very Strong Master Password
- Keep the Master Password in a secured location
- Have a copy of the Master Password in a safe location and, *“remember where it is”*
- Let a trusted family member know.

# Examples of Password Managers (source Wikipedia)

🔑 <b>1Password</b>	🔑 KWallet	🔑 Pleasant Password Server
🔑 <b>LastPass</b>	🔑 Enpass	🔑 SafeInCloud
🔑 Dashlane	🔑 Meldium	🔑 Yojimbo
🔑 Keeper	🔑 Mitto	🔑 <b>Google Password Manager</b> <i>(included in Chrome Browser)</i>
🔑 KeePass	🔑 Myki	🔑 <b>Firefox Lockwise</b> <i>(included in Firefox Browser)</i>
🔑 Intuitive Password	🔑 pass	🔑 <b>Keychain</b> <i>(included in macOS and IOS)</i>
🔑 GNOME Keyring	🔑 Passkey Portable	🔑 <b>Bitwarden</b> <i>(Free)</i>
🔑 KeeWeb	🔑 Password Safe	



## 1Password

All the apps to secure yourself online

\$**2**.99

USD per month  
billed annually

Try FREE for 30 days

**(\$36.00 Annual)**

- ✓ Apps for Mac, iOS, Windows, Android, Linux, and Chrome OS
- ✓ Unlimited passwords, items, and 1 GB document storage
- ✓ Friendly 24/7 email support
- ✓ 365 day item history to restore deleted passwords
- ✓ Travel Mode to safely cross borders
- ✓ Two-factor authentication for an extra layer of protection

Best value

## 1Password Families

Peace of mind for you and the whole family

\$**4**.99

Per family of 5, USD per month  
When billed annually

Try FREE for 30 days

**(\$60.00 Annual)**

All the 1Password features, plus...



Share with 5 family members  
from any household. Invite more for \$1 each

- ✓ Invite up to 5 guests for limited sharing
- ✓ Share passwords, credit cards, secure notes, and more
- ✓ Manage what family members can see and do
- ✓ Recover accounts for locked out family members

# 1Password

All Vaults  
3 Vaults

All Items  
79

Favourites

WATCHTOWER


CATEGORIES


- Logins
- Secure Notes
- Credit Cards
- Identities
- Passwords
- Documents
- Bank Accounts
- Driver Licenses
- Email Accounts
- Memberships
- Passports


Search 1Password


79 items sorted by Title


A


 Agilebits Forums  
wendyappleseed


 Air Canada  
wendy.appleseed@gmail.com


 Alfred Powerpack  
1.3

 Amazon  
wendy.appleseed@gmail.com


 American Express  
3703 \*\*\*\* 2932


 Apple Store Information  
San Francisco:


 Ariane Appleseed  
Ariane Appleseed

 Ars Technica  
wendy\_appleseed


B

 Bank of America Master...  
4500 \*\*\*\* 5678

 Bank of America Savings  
WendyAppleseed

 Business Identity  
Wendy Appleseed

Edit

 Air Canada  
Personal

username  
wendy.appleseed@gmail.com

password  
\*\*\*\*\*  
Excellent

website  
<https://www.aircanada.com/ca/en/aco/home.html?&ACID=EXT:SEM:20...>

View Saved Form Details

View Password History

last modified  
Today at 11:48 AM

created  
Today at 11:47 AM

# 1Password

Personal

Wendy Appleseed

>

WATCHTOWER

⚠

Compromised Logins

💣

Vulnerable Passwords

🔑

Reused Passwords

🔄

Weak Passwords

🛡

Unsecured Websites

📶

Inactive 2FA

🕒

Expiring

☆

🔗

📄

📶

Two-Factor Authentication Available

This website supports 2FA (according to [twofactorauth.org](https://twofactorauth.org)), but you haven't enabled it. [View Instructions...](#)

amazon

Amazon

👤

>

🏠

Personal

username

wendy.c.appleseed@gmail.com

password

.....

Fantastic 

🟢

# LastPass...

## Free

\$0

1 user

- ✓ Access on all devices
- ✓ One-to-one sharing
- ✓ Save & fill passwords
- ✓ Password generator
- ✓ Secure notes
- ✓ Security challenge
- ✓ Multi-factor authentication

Get LastPass Free

*Includes a free 30-day trial of Premium*

## Premium

\$3/month

1 user

### Premium includes

everything in **Free**, plus:

- ✓ One-to-many sharing
- ✓ Emergency access
- ✓ Advanced multi-factor options
- ✓ Priority tech support
- ✓ 1GB encrypted file storage

Go Premium

[Start a Trial](#)

*Billed \$36 USD annually*

## Families

\$4/month

6 users

### Families includes

everything in **Premium**, plus:

- ✓ 6 Premium licenses
- ✓ Group and share items in folders
- ✓ Family manager dashboard

Buy Now

[Start a Trial](#)

*Billed \$48 USD annually*

# LastPass...|

LastPass...|

Security Challenge

71%

Your Security Score

Top 26%

Your LastPass Standing

100%

Master Password Score

Challenge your friends



## Improve Your Score



Step 1 - Change Compromised Passwords



Step 2 - Change Weak Passwords



Step 3 - Change Reused Passwords



Step 4 - Change Old Passwords



Demo Time

1Password 

LastPass... |

***WARNING: For Any Password Manger you use:***

**REMEMBER!!!**

**(and keep copies of)**

**YOUR MASTER PASSWORD**

**If you lose it you, may be you will be lost**