Sun City Summerlin Computer Club

Seminar A Tour of the Bitwarden Password Manager

Tom Burt Saturday March 8, 2025

Where to Find the Materials

- Sun City Summer Computer Club Website:
 - <u>http://www.scscc.club/smnr</u>
 - <u>http://www.scscc.club/smnr/BitwardenPasswordManager.pdf</u>

Seminar Agenda

- Introduction
- Bitwarden Features
- How to get Bitwarden
- Bitwarden Browser Extension Demonstration
 - Logging in with a saved password
 - Remembering URL / ID / Password for a new login
 - Generating a password
- Bitwarden Desktop App
 - Saving Other Information in Your Bitwarden Vault
 - Editing Information in Your Bitwarden Vault
- Bitwarden Settings

Introduction

- Bitwarden Personal is a free, open-source password manager
 - <u>https://bitwarden.com/products/personal/</u>
 - <u>https://www.techrepublic.com/article/how-to-use-bitwarden/</u>
 - Software available for Windows, MacOS, Linux, iOS and Android
 - Available as a web-app, desktop app, mobile app and as a browser extension
- Key features:
 - Will remember credentials for any online account login
 - Can also auto-fill those credentials whenever the user needs to login
 - Can generate unique passwords when registering at a new online website
 - Credentials are remembered in a password protected encrypted vault
 - Vault file is synchronized between any number of devices

How to Get Bitwarden

- Go to the Bitwarden website:
 - <u>https://bitwarden.com/products/personal/</u>
- Start by creating a free Bitwarden account (enter email address, choose server, click Sign up)
 - Bitwarden will send an email to that email address; when received, click "Verify email".
 - You will return to the Bitwarden website where you enter your master password twice and a hint.
- That completes the account setup. Be sure to record the email and master password!
- After the account is set up, you will be on the Bitwarden web-app, which allows you to set up and edit credentials and do other things.
- Next, go to the Download page: <u>https://bitwarden.com/download/</u>
 - Install the Bitwarden browser extensions for each of your web browsers You need to download using the same browser as the extension is for
 - You may want to also install the Bitwarden desktop app; allows you to edit your vault offline.

Bitwarden Browser Extension for Chrome

	* 🕤 🖬
Vault	+ New 🗵 🔃
Q Search	=
Autofill suggestions Save a login item for this site to a	Type V 9
Discover *7694	FIII î :
Discover *4581	Fill 🗋 :
Discover *4581	FII 🗋 :
Discover *4581	FIII 🗋 :
Visa *4007	Fill 🗋 :
) Car	
Vault Generator S	A 🔯 end Settings

- Click the white and blue shield icon at upper right
- A popup window showing the vault entries appears
- You can scroll up and down the list
- You can use the search box to find a site or card or identity
- You can filter by folder or type
- You can edit by clicking on the item
- You can click the Fill button to fill in those credentials
- You can click the New button to add new credentials or a new card
- Let's try using Bitwarden for a few existing websites ...
- Let's try registering for a new website and generate the password.

Bitwarden Desktop App

•

Be Edit View Account Window	Help		
	Q, Search vault		bitwarden.com
All items	24kcbdplus.com	ITEM INFORMATION	
 ☆ Favorites ☆ Trash ◇ TYPES ② Login ☆ Card Identity Ø Secure note Ø SSH key 	 dea.com tbuittion34gegmeil.com dea.com tenturt9904gegmeil.com accounts.google.com rob/15645gegmeil.com accounts.google.com web.scacogegmeil.com accounts.google.com tenturt99054gecount abbe.com tenturt99054gecount 	Name Amazon-Tom Usemane triburt@cox.net Pessed Pessed Family Created 12/30/24, 9:39 AM	0 0 0
~ FOLDERS + Et Email	amacus tomburt30034glockmet Arnazon - Irene iburtglockret	Website www.amazon.com	0 0
El Finance El Health El Productivity Tools El Shopping El Telecom	Arnazon-Tom Inburt@cox.net ancestry.com tontpurt@004@cox.net @ apoug.org athenahealth.com	Updated: Dec 30, 2034, 9/28/08 AM Created: Dec 27, 2024, 1148/25 AM	severa to this PL
â 4	+	1 2	0

- The desktop app allows you to easily manage the content of your vault.
 - You can add, edit and delete Logins, Identities and Cards.
 - You can move Logins or cards into folders, including folders you create.
 - You can add optional fields (like a PIN) to specific items where that may be required to login.
- Note the web-app has similar functionality and look and feel.
- You can also import items from the vaults of other apps. And you can export your vault to an external file (optionally encrypted).
- Let's try some actions using the desktop app.

Bitwarden Extension Settings

Settings		2 ₪
Account security		>
⊘ Autofill		\rightarrow
Notifications		\rightarrow
D Vault		\rightarrow
Appearance		\rightarrow
(i) About		>
Vault Generator	<i>⊲</i>] Send	¢ Settings

- Click the blue and white shield Bitwarden icon in your browser
 - In the popup that appears, click the Settings gear icon at bottom right
- The Settings menu will appear as shown at left. You can control:
 - Account security
 - Autofill
 - Notifications
 - Vault
 - Appearance
 - About
- Let's explore the Settings ...



Final Questions and Answers

Bitwarden Password Manager