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Question 4

Describe Password management using free online tools.

=> Password management is a software application designed to store and manage online credentials. Usually, these passwords are stored in an encrypted database and locked behind a master passwords.

Some free online tools for password Mangement.

1) Keepass 2.34

Keepass 2.34 is the most configurable password manager around but many of the convenient features we've come to expect are available only through third-party plug-ins.

- It includes highly secure password edit controls.
- One master password can decrypt the entire database.
- Includes strong random password generator.
- It uses password safes like password keeper, and password Agent, and so can import data from these program to Keepass data base.

2) Passbolt

It is one of the best open source password management software which is self hosted, highly scalable, and open PYP based. It has been observed as one of the best password management software built for teams and DevOps.

- Allows Passwords sharing.
- Facilitates advanced search and filters.
- streamlined users and groups managements
- Quick access to browser Integration

3) Bitwarden.

The Open Source Bitwarden's free tier handles all expected Password manager tasks with surprisingly few limitation. It paid their adds security, storage, and sharing tools. all at an extremely low price for the category.

- Stores and shares sensitive information like Certificates, passwords etc in a secure manner.
- Syncs groups and users from active directory and LDAP
- Allows you to implement access control policies for groups and individual team members.

4) Psono

Psono is a self-hosted password manager meant for team. It allows multi-level encryption.

- Allows passwords syncing across all devices.
- Provides passwords strength report.
- Supports multiple browsers and languages.
- Enables local and cloud storage both

5) Password Safe.

It is a simple and highly secure password management software which works using MS-windows platform. With the help of this software, the users can keep their passwords stores in an encrypted format.

- Ability to track the entire history of the password created and modified.
- Text notes can be added including the password details.
- Supports importing files formats like TXT & CSV

6) KeePassXC

It is a cross platform application which store your passwords securely and auto-types them when required for the security software and application

- It can integrate with SSH Agent.
- Can fill in the login forms automatically with its auto-type feature.
- Includes database merge functionality.

7) Enpass-

It is a free and open source password management software which is compatible with multiple devices like desktop, mobile, tablet, etc.

- Store passwords which can be reterieved using a single master password
- provides seamless browsing experience with its autofill functionality

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