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Subject: Information Security

Q4 Password are a set of string provided by user at authentication prompt of web account. Although password remain one of the most secure method of authentication. The role of password management comes in handy here. It set a ~~prie~~ principle and set of practices to be followed by user while storing and managing password. The few online tool available for password management :-

i) KeePass:-

It is an open source ~~the~~ password management software which help storing password in single database, accessible using master password. Database is encrypted using encryption algorithm such as AES and Twofish. Include high secure password edit controls. Master password decrypt entire database. Database can be converted to diff. formats.

(ii) Dashlane:-

It provide a simple way to store and fill password and information. It store password and personal info. in centralized location protect the info with patent security architecture and auto-fill info. also available. It help generate strong & random password. Monitors login and send alerts alerts to the user in case of suspicion.

Janish



(iii) Proton:

Self-hosted password manager. It allows multi-level encryption, including client-side encryption layer, end-to-end encryption for password sharing, SSL, and storage encryption. Allows password syncing across devices, allows encryption & decryption of PGP messages. Also support multi-factor authentication.

(iv) HyperVault:

It help you in sharing credentials in a highly secure manner. You can create groups, organize the data the way you want, and streamline the process of managing and sharing the passwords. It enable 2-factor authentication for high-end security.

(v) Enpass:

Maximum security is ensured in Enpass as it uses open source and peer-reviewed cryptography libraries of SLCipher engine. It also can work on multiple platform, so you need not worry even if you change device.