

Modules - tKey JS SDK

Modules extend the tKey SDK's capability to provide additional functionality for managing your tKey shares. These modules can be used for multiple purposes, from storing shares to generating password or converting them into a form that can be remembered or sent out.

A standard tKey flow looks something like this:

Out of the multiple modules available, you can choose the module you want to include in your implementation. Here is the list of available modules:

- [Storage Modules](#)
- : Storage Modules are used to store Shares B in the user's device storage.
- [Recovery Modules](#)
- : Recovery Modules are used to recover the Shares C and so, in the case user doesn't have access to their device/storage or needs additional security.
- [Additional Modules](#)
- : These modules provide extra capability to the tKey SDK, like importing users' existing private keys or seed phrases.

Storage Modules (Share B)[^](#)

Storage Modules are used to store the tKey shares in the user's device storage. You can choose any of the following modules:

Web Storage Module[^](#)

Adds the capability to add or remove a share from the local and file storage.

[@tkey/web-storage](#)

[^](#)

- npm
- Yarn
- pnpm

npm install --save @tkey/web-storage yarn add @tkey/web-storage pnpm add @tkey/web-storage

React Native Storage Module[^](#)

Adds the capability to add or remove a share from the React Native Encrypted Store/ Expo Secure Store.

[@tkey/react-native-storage](#)

[^](#)

- npm
- Yarn
- pnpm

npm install --save @tkey/react-native-storage yarn add @tkey/react-native-storage pnpm add @tkey/react-native-storage

Chrome Storage Module[^](#)

Adds the capability to add or remove a share from the Chrome Extension storage.

[@tkey/chrome-storage](#)

[^](#)

- npm
- Yarn
- pnpm

npm install --save @tkey/chrome-storage yarn add @tkey/chrome-storage pnpm add @tkey/chrome-storage

Recovery Modules (Share C)[^](#)

Recovery Modules are used to recover the tKey shares in the case user doesn't have access to their device/storage or needs additional security.

Security Questions Module[^](#)

Adds the capability to add or remove a question and password as a share.

[@tkey/security-questions](#)

[^](#)

- npm
- Yarn
- pnpm

npm install --save @tkey/security-questions yarn add @tkey/security-questions pnpm add @tkey/security-questions

Share Transfer Module[^](#)

Adds the capability to transfer a share to another device.

[@tkey/share-transfer](#)

[^](#)

- npm
- Yarn
- pnpm

npm install --save @tkey/share-transfer yarn add @tkey/share-transfer pnpm add @tkey/share-transfer

Share Serialization Module[^](#)

Adds the capability to serialize/ deserialize a BN (private key) into a mnemonic.

[@tkey/share-serialization](#)

[^](#)

- npm
- Yarn
- pnpm

npm install --save @tkey/share-serialization yarn add @tkey/share-serialization pnpm add @tkey/share-serialization

Additional Modules[^](#)

These modules provide extra capability to the tKey SDK, like importing users' existing private keys or seedphrases.

Seed Phrase Module[^](#)

Adds the capability to store and use seed phrases on the metadata.

[@tkey/seed-phrase](#)

[^](#)

- npm
- Yarn
- pnpm

npm install --save @tkey/seed-phrase yarn add @tkey/seed-phrase pnpm add @tkey/seed-phrase

Private Keys Module[^](#)

Adds the capability to store extra private keys on the metadata.

[@tkey/private-keys](#)

[â](#)

- npm
- Yarn
- pnpm

npm install --save @tkey/private-keys yarn add @tkey/private-keys pnpm add @tkey/private-keys[Edit this page](#) [Previous](#)
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