

Private Key Module - tKey JS SDK

[@tkey/private-keys](#)

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The Private Key Module helps you to store extra private keys on the metadata.

Installationâ

- npm
- Yarn
- pnpm

npm install --save @tkey/private-keys yarn add @tkey/private-keys pnpm add @tkey/private-keys

Initializationâ

```
import
{
  PrivateKeyModule
}
from
"@tkey/private-keys" ; const privateKeyModule =
new
PrivateKeyModule ( ) ;
```

Usageâ

With the `PrivateKeyModule` , you have access to the multiple functions as mentioned in the type reference, however, the most important ones are:

Set Private Keyâ

`setPrivateKey(privateKeyType: string, privateKey?: BN): Promise;`

- `privateKeyType`
- : The type of private key to set. Allowed values `secp256k1n`
- `anded25519`
- `privateKey`
- : The private key to set.

Returnâ

- Promise

Exampleâ

```
await tKey . modules . privateKeyModule . setPrivateKey ( "secp256k1n" , privateKey ) ;
```

Get Private Keysâ

`getPrivateKeys(): Promise;`

Returnâ

- Promise
- - The private keys stored.

Example^â

```
const privataKeyStore =  
await tKey . modules . privateKeyModule . getPrivateKeys ( ) ;
```

Type Reference^â

PrivateKeyModule

^â

declare

class

PrivateKeyModule

implements

IModule

{ moduleName :

string ; tbSDK :

ITKeyApi ; privateKeyFormats :

IPrivateKeyFormat [] ; constructor (formats :

IPrivateKeyFormat []) ; setModuleReferences (tbSDK :

ITKeyApi) :

void ; initialize () :

Promise < void

 ; setPrivateKey (privateKeyType :

string , privateKey ? :

BN) :

Promise < void

 ; getPrivateKeys () :

Promise < IPrivateKeyStore []

 ; getAccounts () :

Promise < BN []

 ; } [Edit this page](#) [Previous Seed Phrase](#) [Next Implicit Auth Flow](#)