

Security Questions Module - tKey JS SDK

[@tkey/security-questions](#)

[â](#)

The Security Questions Module helps you add or remove the and password as a share for tkey.

Installation^â

- npm
- Yarn
- pnpm

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

Initialization^â

Parameters^â

params

- saveAnswers?
- :boolean

import

{

SecurityQuestionsModule

}

from

"@tkey/security-questions" ; const securityQuestionsModule =

new

SecurityQuestionsModule () ;

Usage^â

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

Generate New Share with Question and Answer^â

generateNewShareWithSecurityQuestions(answerString: string, questions: string): Promise;

- answerString
- : Answer corresponding to a security question
- questions
- : The security question,must be greater than 10 characters

Example^â

await (tKeyInstance . modules . securityQuestions

as

SecurityQuestionsModule) . generateNewShareWithSecurityQuestions (password ,

"whats your password?") ;

Input Existing Security Questions Share into tKey Instance^â

inputShareFromSecurityQuestions(answerString: string): Promise;

Example[^](#)

- answerString
- : Answer corresponding to a security question

await (tKeyInstance . modules . securityQuestions

as

any) . inputShareFromSecurityQuestions (password) ;

Change Security Question and Answer[^](#)

changeSecurityQuestionAndAnswer(newAnswerString: string, newQuestions: string): Promise;

- newAnswerString
- : Answer corresponding to the new security question
- newQuestions
- : The new security question

Example[^](#)

await (tKeyInstance . modules . securityQuestions

as

any) . changeSecurityQuestionAndAnswer (password ,

"whats your password?") ;

Type Reference[^](#)

SecurityQuestionsModule

[^](#)

class

SecurityQuestionsModule

implements

IModule

{ moduleName :

string ; tbSDK :

ITKeyApi ; saveAnswers :

boolean ; constructor (saveAnswers ? :

boolean) ; static

refreshSecurityQuestionsMiddleware (generalStore :

unknown , oldShareStores :

ShareStoreMap , newShareStores :

ShareStoreMap) :

unknown ; setModuleReferences (tbSDK :

ITKeyApi) :

void ; initialize () :

Promise < void

```

        ; generateNewShareWithSecurityQuestions ( answerString :
string , questions :
string ) :
Promise < GenerateNewShareResult
        ; getSecurityQuestions ( ) :
string ; inputShareFromSecurityQuestions ( answerString :
string ) :
Promise < void
        ; changeSecurityQuestionAndAnswer ( newAnswerString :
string , newQuestions :
string ) :
Promise < void
        ; saveAnswerOnTkeyStore ( answerString :
string ) :
Promise < void
        ; getAnswer ( ) :
Promise < string
        ; }

```

GenerateNewShareResult

[â](#)

```

declare
type
GenerateNewShareResult
=
{ newShareStores :
ShareStoreMap ; newShareIndex :
BN ; } ; export
declare
type
ShareStoreMap
=
{ [ shareIndex :
string ] :
ShareStore ; } ; declare
class
ShareStore
implements

```

ISerializable

{ share :

Share ; polynomialID :

PolynomialID ; constructor (share :

Share , polynomialID :

PolynomialID) ; static

fromJSON (value :

StringifiedType) :

ShareStore ; toJSON () :

StringifiedType ; } [Edit this page](#) [Previous](#) [Chrome Storage](#) [Next](#) [Share Transfer](#)