

# Security Question Module

SecurityQuestionModule is an Android module that provides functionality for setting, changing, getting, and deleting security question and password for a ThresholdKey object.

To use the SecurityQuestionModule in your Android project, you will need to import the module as follows:

```
import
```

```
com . web3auth . tkey . ThresholdKey . ThresholdKey ; import
```

com . web3auth . tkey . ThresholdKey . Modules . SecurityQuestionModule ; SecurityQuestionModule is a class that provides the following methods:

Function	Description	Arguments	Async return	
generateNewShare	generate a new Share with security question	thresholdKey: ThresholdKey, questions: String, answer: String	Yes	
GenerateShareStoreResult	inputShare	input share from security question	thresholdKey: ThresholdKey, answer: String	Yes
Bool	changeSecurityQuestionAndAnswer	Get private Key accounts	thresholdKey: ThresholdKey, questions: String, answer: String	Yes
Bool	storeAnswer	Store answer of security question in tKey	thresholdKey: ThresholdKey, answer: String	Yes
Bool	getAnswer	Get answer of security question stored in tKey	thresholdKey: ThresholdKey	No
String	getQuestions	Get security questions stored in tKey	thresholdKey: ThresholdKey	No

## generateNewShare()

[^](#)

```
public static void generateNewShare(ThresholdKey thresholdKey, String questions, String answer, ThresholdKeyCallback callback)
```

This function generates a new share for a given ThresholdKey, along with the user's security question and answer.

### Parameters<sup>[^](#)</sup>

Parameters Type Description thresholdKey ThresholdKey A ThresholdKey object representing the key for which to generate a new share. questions String A String representing the user's security question. answer String A String representing the user's security answer. Returns

- GenerateShareStoreResult: A struct that contains information about the new share that was generated.

Throws

- Error: An error if the operation failed.

## inputShare()

[^](#)

```
public static void inputShare(ThresholdKey thresholdKey, String answer, ThresholdKeyCallback callback)
```

A method that inputs a share for a threshold key based on a security question and answer.

### Parameters<sup>[^](#)</sup>

Parameters Type Description thresholdKey ThresholdKey A ThresholdKey instance for which to input a share. answer String A String representing the answer to the security questions. Returns

- Boolean: true if the share was successfully input, false otherwise.

Throws

- Error: An error if the operation failed.

## changeSecurityQuestionAndAnswer()

[^](#)

```
public static void changeSecurityQuestionAndAnswer(ThresholdKey thresholdKey, String questions, String answer, ThresholdKeyCallback callback)
```

A method that changes the security questions and answers for a threshold key.

#### Parameters<sup>[a](#)</sup>

Parameters Type Description thresholdKey ThresholdKey A ThresholdKey instance for which to change the security questions and answers. questions String A String representing a new set of security questions to be answered. answer String A String representing the answer to the security questions. Returns

- Bool: true if the security questions and answers were successfully changed, false otherwise.

Throws

- Error: An error if the operation failed.

## storeAnswer()

<sup>[a](#)</sup>

```
public static void storeAnswer(ThresholdKey thresholdKey, String answer, ThresholdKeyCallback callback)
```

A method that stores the answer to a security question for a threshold key.

#### Parameters<sup>[a](#)</sup>

Parameters Type Description thresholdKey ThresholdKey A ThresholdKey instance for which to store the answer to a security question. answer String A String representing the answer to the security question. Returns

- Bool: true if the answer was successfully stored, false otherwise.

Throws

- Error: An error if the operation failed.

## getAnswer()

<sup>[a](#)</sup>

```
public static String getAnswer(ThresholdKey thresholdKey) throws RuntimeException
```

Get answer of security question stored in tKey.

#### Parameters<sup>[a](#)</sup>

Parameters Type Description thresholdKey ThresholdKey A ThresholdKey instance for which to store the answer to a security question. Returns

- String: A String representing the answer to the security questions.

Throws

- RuntimeException: An error if the operation failed.

## getQuestions()

<sup>[a](#)</sup>

```
public static String getQuestions(ThresholdKey thresholdKey) throws RuntimeException
```

This method gets security questions stored in tKey.

#### Parameters<sup>[a](#)</sup>

Parameters Type Description thresholdKey ThresholdKey A ThresholdKey instance for which to store the answer to a security question. Returns

- String: A String representing the user's security question.

Throws

- `RuntimeError`: An error if the operation failed. [Edit this page](#) [Previous Private Keys Module](#) [Next Seed Phrase Module](#)