

Extension 10: Administrative User (2)

There are several situations in which the administrative employees of a bank should be able to access and alter bank accounts. Think for example about a bank account holder who is suspected of a money laundering crime, or a bank account holder who dies. In these type of situations the bank can be asked to access the bank accounts of the involved persons. For example the policy could ask the bank to freeze all bank accounts a user has access to. Or a notary could request that primary bank account holder is changed to another customer.

In this extension we ask that you implemented this functionality for administrative employees by implementing a set of three methods. Two new methods `transferBankAccount` and `setFreezeUserAccount`. The third is to alter the `transferMoney` method. The administrative user should be able to transfer money between all bank accounts of the bank

transferBankAccount method

Method `transferBankAccount`

Description Transfer the primary ownership of a Bank Account to a different user. It does not matter who the old user is. The old user loses all access. The new user becomes the primary holder of this bank account.

Authentication REQUIRED (AdministrativeAccount)

Parameters This method accepts the following parameters:

authToken The authentication token, obtained with `getAuthToken`

iBAN The number of the bank account

username The username of the new account owner.

Returns An empty dictionary if successful

Errors `InvalidParamValueError`: One or more parameter has an invalid value. See message.
`NotAuthorizedError`: The authenticated user is not authorized to perform this action.

Example

```
--> {"method": "transferBankAccount",
    "params": {
        "authToken": "some.long.auth.token!%&...",
        "iBAN": "NL69INGB0123456789",
        "username": "daisyduck",
    }}
<-- {"result": {}}
```

setFreezeUserAccount method

Method setFreezeUserAccount

Description A user account can now be frozen. In this case it becomes a read-only account. The user can still log in and request info such as his balance, but cannot alter any state. This method can be used both to freeze and unfreeze the account. This method introduces a new error. The AccountFrozen error. Any attempt to alter the state of the bank should return this error.

Authentication REQUIRED (AdministrativeAccount)

Parameters This method accepts the following parameters:

authToken The authentication token, obtained with getAuthToken

username The username of the user account

freeze Boolean that indicates whether the account should be frozen or unfrozen.

Returns An empty dictionary if successful

Errors InvalidParamValueError: One or more parameter has an invalid value. See message.
NotAuthorizedError: The authenticated user is not authorized to perform this action.
NoEffectError: The action has no effect. See message. (e.g. account already frozen)

Example

```
--> {"method": "setFreezeUserAccount",  
      "params": {  
        "authToken": "some.long.auth.token!%&...",  
        "username": "duckd",  
        "freeze": true;  
      }}  
<-- {"result": {}}
```