

API

Version 1.0

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API

Requirements

- Protocol HTTPS based operation.
- Blocking API requests through proxy servers.
- HTTP requests must contain the correct 'UserAgent' HTTP heading and must be included in all requests.

In the frontend **Merchant Tools** section, the following Merchant API management operations are available:

- Create New;
- View and Edit Existing;
- Delete.

All changes must be confirmed with the password from the current settings of the application software package (ASP).

Creation of New API

- API Name is any unique (within the given account) word or phrase (mandatory)
- Requesting IP Address is the IP address from which the client (client application) will contact the Volet application (optional, but recommended)
- Security Word is a combination of Latin letters and numbers with a length of at least 6 characters (mandatory)
- Enabled/Disabled is the On/Off status of Merchant API
- Operation Selection (API Operations) (Not available if not included)
 1. **Check accounts.** Validation of account availability.
 2. **See balance per wallet.** Getting balance for wallets.
 3. **Find a transaction.** Searching transactions by name.
 4. **Transaction history.** Searching transactions by name.
 5. **Make transaction.** Searching transactions by name.
- Wallet Limit Selection. List of all wallets with a field for entering a limit. By default, it is set at '0' for all wallets.

- Password for the current ASP.

WSDL File Location

<https://account.volet.com/wsm/apiWebService?wsdl>

Available Operations

1. validateAccounts. Validation of Account's Existence.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1		String	Email of the user in Volet system to validate existence

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return	accountEmail	String	Email of the user in Volet system
	present	Boolean	Indicator of user's existence in Volet system

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"  
xmlns:wsm="http://api.volet.com/">  
  <soapenv:Header/>  
  <soapenv:Body>  
    <wsm:validateAccounts>  
      <arg0>  
        <apiName>api_name</apiName>  
      <authenticationToken>token</authenticationToken>
```

```

    <accountEmail>name@example.com</accountEmail>
  </arg0>
  <arg1>name@example.com</arg1>
  <arg1>name@example.com</arg1>
  <arg1>name@example.com</arg1>
  <arg1>name@example.com</arg1>
  <arg1>name@example.com</arg1>
  </wsm:validateAccounts>
</soapenv:Body>
</soapenv:Envelope>

```

Example of Successful Response:

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:validateAccountsResponse xmlns:ns2="http://api.volet.com/">
      <return>
        <present>true</present>
        <accountEmail>name@example.com</accountEmail>
      </return>
      <return>
        <present>true</present>
        <accountEmail>name@example.com</accountEmail>
      </return>
      <return>
        <present>false</present>
        <accountEmail>name@example.com</accountEmail>
      </return>
      <return>
        <present>false</present>
        <accountEmail>name@example.com</accountEmail>
      </return>
      <return>
        <present>false</present>
        <accountEmail>name@example.com</accountEmail>
      </return>
    </ns2:validateAccountsResponse>
  </soap:Body>
</soap:Envelope>

```

2. validationSendMoney. Validation of Intrasystem Transfer.

Request Parameter

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API

arg1	amount	Double	Transaction amount (accuracy – up to two digits after decimal point)
	currency	Enumeration	Transfer currency (3 characters ISO 4217, Currencies section)
	email	String	Recipient’s email (Required if “walletId” is empty)
	walletId	String	Recipient’s wallet (Required if “email” is empty)
	note	String	Note to transaction
	savePaymentTemplate	Boolean	Indicator of saving the current payment template

If the validation of the expected payment is successful, the response from the server will contain a blank message. If the validation is not successful, a message with an error contained in its body will be returned.

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:validationSendMoney>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>
        <amount>1.00</amount>
        <currency>USD</currency>
        <email>name@example.com</email>
        <note>Some note</note>
        <savePaymentTemplate>>false</savePaymentTemplate>
      </arg1>
    </wsm:validationSendMoney>
  </soapenv:Body>
</soapenv:Envelope>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:validationSendMoneyResponse xmlns:ns2="http://api.volet.com/">
  </soap:Body>
</soap:Envelope>
```

3. validationSendMoneyToBankCard. Validation of Funds Transfer to External Card Not Tied to System.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1	amount	Double	Transaction amount (accuracy – up to two digits after decimal point)
	currency	Enumeration	Transfer currency (3 characters ISO 4217, Currencies section)
	cardNumber	String	External card number for finds withdrawal
	expiryMonth	Numeric	Two digits that signify the month of the card's expiration date (e.g. 09 for September)
	expiryYear	Numeric	Two last digits of the year of the card's expiration date (e.g. 17 for year 2017)
	note	String	Note to transaction
	savePaymentTemplate	Boolean	Indicator of saving the current payment template
	cardHolder	String	Cardholder name (required for currency USD, EUR, GBP)
	cardHolderCountry	String	Cardholder country code (ISO 3166-1 alpha-2: FR, RU, DE) (required for currency USD, EUR, GBP)
	cardHolderCity	String	Cardholder city (required for currency USD, EUR, GBP)
	cardHolderDOB	String	Cardholder date of birth (Format: 'yyyy-MM-dd') (required for currency USD, EUR, GBP)
	cardHolderMobilePhoneNumber	String	Cardholder mobile phone number (required for currency USD, EUR, GBP, RUR)

If the validation of the expected payment is successful, the response from the server will contain a blank message. If the validation is not successful, a message with an error contained in its body will be returned.

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:validationSendMoneyToBankCard>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>
        <amount>1.00</amount>
        <currency>USD</currency>
        <cardNumber>4 149605912035536</cardNumber>
        <expiryMonth>08</expiryMonth>
        <expiryYear>17</expiryYear>
        <note>Some note</note>
        <savePaymentTemplate>false</savePaymentTemplate>
        <cardHolder>John Smith</cardHolder>
        <cardHolderCountry>DE</cardHolderCountry>
        <cardHolderCity>Town</cardHolderCity>
        <cardHolderDOB>1985-04-04</cardHolderDOB>
        <cardHolderMobilePhoneNumber>79011234567</cardHolderMobilePhoneNumber>
      </arg1>
    </wsm:validationSendMoneyToBankCard>
  </soapenv:Body>
</soapenv:Envelope>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:validationSendMoneyToBankCardResponse xmlns:ns2="http://api.volet.com/">
  </soap:Body>
</soap:Envelope>
```

4. validationSendMoneyToEcurrency. Validation of Withdrawal to a third-party payment system.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1	amount	Double	Transaction amount (accuracy – up to two digits after decimal point)
	cryptoCurrencyAmount	Double	Transaction amount in cryptocurrency when you need to withdraw exact cryptocurrency amount (accuracy – up to six digits after decimal point)
	currency	Enumeration	Currency of transaction (3 characters ISO 4217, Currencies section)
	ecurrency	Enumeration	Ecurrency (Ecurrency chapter)
	receiver	String	ID or wallet of the recipient in the third-party payment system
	note	String	Note to transaction
	savePaymentTemplate	Boolean	Indicator of saving the current payment template

If the validation of the expected payment is successful, the response from the server will contain a blank message. If the validation is not successful, a message with an error contained in its body will be returned.

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:validationSendMoneyToEcurrency>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
    </wsm:validationSendMoneyToEcurrency>
  </soapenv:Body>
</soapenv:Envelope>
```

```

<arg1>
  <amount>1.00</amount>
  <currency>RUR</currency>
  <ecurrency>YANDEX_MONEY</ecurrency>
  <receiver>410022528972199</receiver>
  <note>Some note</note>
  <savePaymentTemplate>>false</savePaymentTemplate>
</arg1>
</wsm:validationSendMoneyToEcurrency>
</soapenv:Body>
</soapenv:Envelope>

```

Example of Successful Response:

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2: validationSendMoneyToEcurrency xmlns:ns2="http://api.volet.com/" />
  </soap:Body>
</soap:Envelope>

```

5. validationCurrencyExchange. Validation of Currency Exchange.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1	from	Enumeration	Outgoing currency (3 characters ISO 4217, Currencies section)
	to	Enumeration	Incoming currency (3 characters ISO 4217, Currencies section)
	action	Enumeration	Takes 2 values «BUY» and «SELL» «BUY» - will be bought the «amount» in currency «to» «SELL» - will be sold the «amount» in currency «from»
	amount	Double	Transaction amount (accuracy – up to two digits after decimal point)
	note	String	Note to transaction

If the validation of the expected payment is successful, the response from the server will contain a blank message. If the validation is not successful, a message with an error contained in its body will be returned.

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:validationCurrencyExchange>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>
        <from>USD</from>
        <to>EUR</to>
        <action>SELL</action>
        <amount>1.00</amount>
        <note>Some note</note>
      </arg1>
    </wsm:validationCurrencyExchange>
  </soapenv:Body>
</soapenv:Envelope>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:validationCurrencyExchangeResponse xmlns:ns2="http://api.volet.com/"/>
  </soap:Body>
</soap:Envelope>
```

6. validationSendMoneyToEmail. Validation of Funds Transfer to Unregistered User via E-mail.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API

arg1	amount	Double	Transaction amount (accuracy – up to two digits after decimal point)
	currency	String	Transaction currency (3 characters ISO 4217, Currencies section)
	email	String	E-mail address of the payment recipient unregistered in Volet system (Immediately after registration in Volet system, user will receive funds transfer)
	note	String	Note to transaction

If the validation of the expected payment is successful, the response from the server will contain a blank message. If the validation is not successful, a message with an error contained in its body will be returned.

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:validationSendMoneyToEmail>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>
        <amount>1.00</amount>
        <currency>USD</currency>
        <email>name@example.com</email>
        <note>Some note</note>
      </arg1>
    </wsm:validationSendMoneyToEmail>
  </soapenv:Body>
</soapenv:Envelope>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:validationSendMoneyToEmailResponse xmlns:ns2="http://api.volet.com/">
  </soap:Body>
</soap:Envelope>
```

7. sendMoney. Intrasystem Payment.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
arg1	accountEmail	String	Email of the user that owns the API
	amount	Double	Transaction amount (accuracy – up to two digits after decimal point)
	currency	Enumeration	Transfer currency (3 characters ISO 4217, Currencies section)
	email	String	Recipient's email (Required if "walletId" is empty)
	walletId	String	Recipient's wallet (Required if "email" is empty)
	note	String	Note to transaction
	savePaymentTemplate	Boolean	Indicator of saving the current payment template

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return		String	Transaction ID

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:sendMoney>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>
        <amount>1.00</amount>
        <currency>USD</currency>
        <email>name@example.com</email>
        <note>Some note</note>
      </arg1>
    </wsm:sendMoney>
  </soapenv:Body>
</soapenv:Envelope>
```

```
<savePaymentTemplate>>false</savePaymentTemplate>
</arg1>
</wsm:sendMoney>
</soapenv:Body>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:sendMoneyResponse xmlns:ns2="http://api.volet.com/">
      <return>d1062eba-29b7-456c-b6ad-2ca734af4924</return>
    </ns2:sendMoneyResponse>
  </soap:Body>
</soap:Envelope>
```

8. sendMoneyToBankCard. Transfer of Funds to External Bank Card.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1	amount	Double	Transaction amount (accuracy – up to two digits after decimal point)
	currency	Enumeration	Transfer currency (3 characters ISO 4217, Currencies section)
	cardNumber	String	External card number for finds withdrawal
	expiryMonth	Numeric	Two digits that signify the month of the card's expiration date (e.g. 09 for September)
	expiryYear	Numeric	Two last digits of the year of the card's expiration date (e.g. 17 for year 2017)
	note	String	Note to transaction
	savePaymentTemplate	Boolean	Indicator of saving the current payment template
	cardHolder	String	Cardholder name (required for currency USD, EUR, GBP)

	cardHolderCountry	String	Cardholder country code (ISO 3166-1 alpha-2: FR, RU, DE) (required for currency USD, EUR, GBP)
	cardHolderCity	String	Cardholder city (required for currency USD, EUR, GBP)
	cardHolderDOB	String	Cardholder date of birth (Format: 'yyyy-MM-dd') (required for currency USD, EUR, GBP)
	cardHolderMobilePhoneNumber	String	Cardholder mobile phone number (required for currency USD, EUR, GBP, RUR)

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return		String	Transaction ID

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:sendMoneyToBankCard>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>
        <amount>1.00</amount>
        <currency>USD</currency>
        <cardNumber>4149605912035536</cardNumber>
        <expiryMonth>08</expiryMonth>
        <expiryYear>17</expiryYear>
        <note>Some note</note>
        <savePaymentTemplate>false</savePaymentTemplate>
        <cardHolder>John Smith</cardHolder>
        <cardHolderCountry>DE</cardHolderCountry>
        <cardHolderCity>Town</cardHolderCity>
        <cardHolderDOB>1985-04-04</cardHolderDOB>
        <cardHolderMobilePhoneNumber>79011234567</cardHolderMobilePhoneNumber>
      </arg1>
    </wsm:sendMoneyToBankCard>
  </soapenv:Body>
</soapenv:Envelope>
```


Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:sendMoneyToBankCardResponse xmlns:ns2="http://api.volet.com/">
      <return>20931ce4-f4c9-4cc5-84f7-f7efb38c939c</return>
    </ns2:sendMoneyToBankCardResponse>
  </soap:Body>
</soap:Envelope>
```

9. sendMoneyToEcurrency. Withdrawal to a third-party payment system.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1	amount	Double	Transaction amount (accuracy – up to two digits after decimal point)
	cryptoCurrencyAmount	Double	Transaction amount in cryptocurrency when you need to withdraw exact cryptocurrency amount (accuracy – up to six digits after decimal point)
	currency	Enumeration	Currency of transaction (3 characters ISO 4217, Currencies section)
	ecurrency	Enumeration	Ecurrency (Ecurrency chapter)
	receiver	String	ID or wallet of the recipient in the third-party payment system
	destinationTag	String	Ripple tag
	note	String	Note to transaction
	savePaymentTemplate	Boolean	Indicator of saving the current payment template

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return		String	Transaction ID

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:sendMoneyToEcurrency>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>
        <amount>1.00</amount>
        <currency>RUR</currency>
        <ecurrency>YANDEX_MONEY</ecurrency>
        <receiver>410022528972199</receiver>
        <note>Some note</note>
        <savePaymentTemplate>>false</savePaymentTemplate>
      </arg1>
    </wsm:sendMoneyToEcurrency>
  </soapenv:Body>
</soapenv:Envelope>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:sendMoneyToEcurrency xmlns:ns2="http://api.volet.com/">
      <return>d1062eba-29b7-456c-b6ad-2ca734af4924</return>
    </ns2:sendMoneyToEcurrency>
  </soap:Body>
</soap:Envelope>
```

10. currencyExchange. Intrasystem Currency Exchange.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1	from	Enumeration	Outgoing currency (3 characters ISO 4217, Currencies section)

	to	Enumeration	Incoming currency (3 characters ISO 4217, Currencies section)
	action	Enumeration	Takes 2 values «BUY» and «SELL» «BUY» - will be bought the «amount» in currency «to» «SELL» - will be sold the «amount» in currency «from»
	amount	Double	Transaction amount (accuracy – up to two digits after decimal point)
	note	String	Note to transaction

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return		String	Transaction ID

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:currencyExchange>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>
        <from>USD</from>
        <to>EUR</to>
        <action>SELL</action>
        <amount>1.00</amount>
        <note>Some note</note>
      </arg1>
    </wsm:currencyExchange>
  </soapenv:Body>
</soapenv:Envelope>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:currencyExchangeResponse xmlns:ns2="http://api.volet.com/">
      <return>1575948b-6ead-426f-8ecf-ee7ffaa3969c</return>
    </ns2:currencyExchangeResponse>
  </soap:Body>
```

```
</soap:Envelope>
```

11. sendMoneyToEmail. Transfer of Funds to Unregistered User via E-mail.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1	amount	Double	Transaction amount (accuracy – up to two digits after decimal point)
	currency	String	Transaction currency (3 characters ISO 4217, Currencies section)
	email	String	E-mail address of the payment recipient unregistered in Volet system (Immediately after registration in Volet system, user will receive funds transfer)
	note	String	Note to transaction

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return		String	Transaction ID

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:sendMoneyToEmail>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>
        <amount>1.00</amount>
      </arg1>
    </wsm:sendMoneyToEmail>
  </soapenv:Body>
</soapenv:Envelope>
```

```
<currency>USD</currency>
  <email>name@example.com</email>
  <note>Some note</note>
</arg1>
</wsm:sendMoneyToEmail>
</soapenv:Body>
</soapenv:Envelope>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:sendMoneyToEmailResponse xmlns:ns2="http://api.volet.com/">
      <return>8fa3a69a-c792-4f77-ba06-c880cd836ebc</return>
    </ns2:sendMoneyToEmailResponse>
  </soap:Body>
</soap:Envelope>
```

12. history. Transaction History.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1	from	Integer	Ordinal number of transaction to start displaying with
	count	Integer	The number of transactions for displaying
	sortOrder	Enumeration	Sorting (takes values «ASC», «DESC», default «DESC»)
	startTimeFrom	Date&Time	Start date for transactions to be selected (template - yyyy-MM-dd'T'HH:mm:ss) - if the parameter is not set, history for the past month will be returned; - if the startTimeFrom parameter is set, you also need to set startTimeTo; - the interval between startTimeFrom and startTimeTo has to be less than 90 days.
	startTimeTo	Date&Time	End date for transactions to be selected (template - yyyy-MM-dd'T'HH:mm:ss)

	transactionName	Enumeration	Transaction name (Transaction Names section)
	transactionStatus	Enumeration	Transaction status (Transaction Statuses section)
	transactionDirection	Enumeration	Transaction direction (INCOMING, OUTGOING)
	walletId	String	Wallet (optional parameter)

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return	id	String	Transaction ID
	comment	String	Payment initiator's system activity level
	startTime	Date	Transaction creation date (template - yyyy-MM-dd'T'HH:mm:ss'.SZ)
	status	Enumeration	Transaction status (Transaction Statuses section)
	transactionName	Enumeration	Transaction name (Transaction Names section)
	sci	Boolean	Indicator of payment via SCI
	walletSrcId	String	Sender's wallet
	walletDestId	String	Recipient's wallet
	senderEmail	String	Sender's email
	receiverEmail	String	Recipient's email
	amount	Double	Transaction amount (accuracy – up to two digits after decimal point)
	currency	Enumeration	Currency of transaction (3 characters ISO 4217, Currencies section)
	fullCommission	Double	Current transaction commission fee (accuracy – up to two digits after decimal point)
	direction	Enumeration	Takes 2 values «INCOMING» and «OUTGOING» «INCOMING» - incoming payment

			«OUTGOING» - outgoing payment
	orderId	String	Order ID in the accounting system of the merchant
	cryptoCurrencyAmount	Double	Cryptocurrency amount (accuracy – up to six digits after decimal point)
	cryptoCurrencyCoinName	Enumeration	Cryptocurrency (Cryptocurrencies section)
	cryptoCurrencyTxHash	String	Cryptocurrency withdrawal tx hash

The “walletDestId”, “receiverEmail” and “walletSrcId”, “senderEmail” fields are not provided in all transaction types (See “Example of Successful Response” below). “walletSrcId” is used in withdrawal transactions and intrasystem transactions. “walletDestId” is used in deposit transactions and intrasystem transactions. “receiverEmail” and “senderEmail” are used in intrasystem transactions.

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:history>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>
        <from>10</from>
        <count>5</count>
        <sortOrder>ASC</sortOrder>
        <startTimeFrom>2011-01-01T00:00:00</startTimeFrom>
        <startTimeTo>2014-03-25T12:17:00</startTimeTo>
        <transactionName>ALL</transactionName>
        <transactionStatus>COMPLETED</transactionStatus>
        <walletId>U993960083199</walletId>
      </arg1>
    </wsm:history>
  </soapenv:Body>
</soapenv:Envelope>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:historyResponse xmlns:ns2="http://api.volet.com/">
      <return>
        <id>1575948b-6ead-426f-8ecf-ee7ffaa3969c</id>
        <comment>Comment</comment>
        <startTime>2014-03-25T10:21:59.901+00:00</startTime>
        <status>COMPLETED</status>
        <transactionName>CURRENCY_EXCHANGE</transactionName>
        <sci>false</sci>
        <walletSrcId>U993960083199</walletSrcId>
        <walletDestId>E060990630681</walletDestId>
        <senderEmail>U993960083199</senderEmail>
        <receiverEmail>E060990630681</receiverEmail>
        <amount>1.00</amount>
        <currency>USD</currency>
        <fullCommission>0.00</fullCommission>
        <direction>OUTGOING</direction>
      </return>
      <return>
        <id>20931ce4-f4c9-4cc5-84f7-f7efb38c939c</id>
        <comment>Comment</comment>
        <startTime>2014-03-25T10:21:59.901+00:00</startTime>
        <status>COMPLETED</status>
        <transactionName>BANK_CARD_TRANSFER</transactionName>
        <sci>false</sci>
        <walletSrcId>U993960083199</walletSrcId>
        <amount>10.00</amount>
        <currency>USD</currency>
        <fullCommission>5.00</fullCommission>
        <direction>OUTGOING</direction>
      </return>
      <return>
        <id>7514204c-d4fe-4617-ac79-241703443946</id>
        <comment>Comment</comment>
        <startTime>2014-03-25T10:21:59.901+00:00</startTime>
        <status>COMPLETED</status>
        <transactionName>PREPAID_CARD_TRANSFER</transactionName>
        <sci>false</sci>
        <walletSrcId>U993960083199</walletSrcId>
        <amount>10.00</amount>
        <currency>USD</currency>
        <fullCommission>0.99</fullCommission>
        <direction>OUTGOING</direction>
      </return>
      <return>
        <id>d1062eba-29b7-456c-b6ad-2ca734af4924</id>
        <comment>Comment</comment>
        <startTime>2014-03-25T10:21:59.901+00:00</startTime>
        <status>COMPLETED</status>
        <transactionName>INNER_SYSTEM</transactionName>
        <sci>true</sci>
        <walletSrcId>U993960083199</walletSrcId>
        <walletDestId>U000000000000</walletDestId>
        <senderEmail>U993960083199</senderEmail>
        <receiverEmail>U000000000000</receiverEmail>
        <amount>1.00</amount>
        <currency>USD</currency>
        <fullCommission>0.00</fullCommission>
      </return>
    </ns2:historyResponse>
  </soap:Body>
</soap:Envelope>
```



```

<direction>OUTGOING</direction>
<orderId>123456789</orderId>
</return>
<return>
  <id>19a414cb-6c6b-4932-8244-394607d44914</id>
  <comment>Comment</comment>
  <startTime>2014-03-25T10:21:59.901+00:00</startTime>
  <status>COMPLETED</status>
  <transactionName>EXTERNAL_SYSTEM_DEPOSIT</transactionName>
  <sci>true</sci>
  <walletDestId>U993960083199</walletDestId>
  <amount>100.00</amount>
  <currency>USD</currency>
  <fullCommission>1.00</fullCommission>
  <direction>OUTGOING</direction>
  <orderId>223456789</orderId>
</return>
</ns2:historyResponse>
</soap:Body>
</soap:Envelope>

```

13. findTransaction. Transaction Search by ID.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1		String	Transaction ID

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return	id	String	Transaction ID
	comment	String	Payment initiator's system activity level
	startTime	Date	Transaction creation date (template - yyyy-MM-dd'T'HH:mm:ss'.SZ)
	status	Enumeration	Transaction status (Transaction Statuses section)

	transactionName	Enumeration	Transaction name (Transaction Names section)
	sci	Boolean	Indicator of payment via SCI
	walletSrcId	String	Sender's wallet
	walletDestId	String	Recipient's wallet
	senderEmail	String	Sender's email
	receiverEmail	String	Recipient's email
	amount	Double	Transaction amount (accuracy – up to two digits after decimal point)
	currency	Enumeration	Currency of transaction (3 characters ISO 4217, Currencies section)
	fullCommission	Double	Current transaction commission fee (accuracy – up to two digits after decimal point)
	direction	Enumeration	Takes 2 values «INCOMING» and «OUTGOING» «INCOMING» - incoming payment «OUTGOING» - outgoing payment
	orderId	String	Order ID in the accounting system of the merchant
	cryptoCurrencyAmount	Double	Cryptocurrency amount (accuracy – up to six digits after decimal point)
	cryptoCurrencyCoinName	Enumeration	Cryptocurrency (Cryptocurrencies section)
	cryptoCurrencyTxHash	String	Cryptocurrency withdrawal tx hash

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:findTransaction>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
    </wsm:findTransaction>
  </soapenv:Body>
</soapenv:Envelope>
```

```

</arg0>
<arg1>e5383553-f66c-4073-b81d-86e7c3756cdb</arg1>
</wsm:findTransaction>
</soapenv:Body>
</soapenv:Envelope>

```

Example of Successful Response:

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:findTransactionResponse xmlns:ns2="http://api.volet.com/">
      <return>
        <id>d1062eba-29b7-456c-b6ad-2ca734af4924</id>
        <comment>Comment</comment>
        <startTime>2014-03-25T10:21:59.901+00:00</startTime>
        <status>COMPLETED</status>
        <transactionName>INNER_SYSTEM</transactionName>
        <sci>true</sci>
        <walletSrcId>U993960083199</walletSrcId>
        <walletDestId>U000000000000</walletDestId>
        <senderEmail>U993960083199</senderEmail>
        <receiverEmail>U000000000000</receiverEmail>
        <amount>1.00</amount>
        <currency>USD</currency>
        <fullCommission>0.00</fullCommission>
        <direction>OUTGOING</direction>
        <orderId>123456789</orderId>
      </return>
    </ns2:findTransactionResponse>
  </soap:Body>
</soap:Envelope>

```

14. getBalances. Get Balance per User's Wallets.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return	amount	Double	Wallet amount (accuracy – up to two digits after decimal point)

	id	String	Walled ID
--	----	--------	-----------

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:getBalances>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
    </wsm:getBalances>
  </soapenv:Body>
</soapenv:Envelope>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:getBalancesResponse xmlns:ns2="http://api.volet.com/">
      <return>
        <amount>197.82</amount>
        <id>U993960083199</id>
      </return>
      <return>
        <amount>5.00</amount>
        <id>E060990630681</id>
      </return>
      <return>
        <amount>0</amount>
        <id>R375997875321</id>
      </return>
      <return>
        <amount>0</amount>
        <id>G112983230977</id>
      </return>
    </ns2:getBalancesResponse>
  </soap:Body>
</soap:Envelope>
```

15. validateAccount. Checking matching the first and last name of the user in the Volet system with the name and last name in a third-party system.

Request Parameters

Parameter	Internal Parameter	Type	Description
-----------	--------------------	------	-------------

arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1	email	String	Email of the user in the Volet, for which will be reconciling the first and last name (required, if not specified walletId)
	walletId	String	Wallet of the user in the Volet, for which will be reconciling the first and last name (required, if not specified email)
	firstName	String	The name of the user in third-party system to verify with the name of the user in the Volet
	lastName	String	The last name of the user in third-party system to verify with the last name of the user in the Volet

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return	firstNameMatchingPercentage	Double	Percentage of matches the user name of Volet with user name in third-party system (takes values from 0 to 100)
	lastNameMatchingPercentage	Double	Percentage of matches the user last name of Volet with user last name in third-party system (takes values from 0 to 100)

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:validateAccount>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>
        <email>name@example.com</email>
      </arg1>
    </wsm:validateAccount>
  </soapenv:Body>
</soapenv:Envelope>
```

```
<walletId>U000000000000</walletId>
  <firstName>John</firstName>
  <lastName>Smith</lastName>
</arg1>
</wsm:validateAccount>
</soapenv:Body>
</soapenv:Envelope>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:validateAccountResponse xmlns:ns2="http://api.volet.com/">
      <return>
        <firstNameMatchingPercentage>0.75341</firstNameMatchingPercentage>
        <lastNameMatchingPercentage>1</lastNameMatchingPercentage>
      </return>
    </ns2:validateAccountResponse>
  </soap:Body>
</soap:Envelope>
```

16. register. Register a new user.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1	email	String	User's email
	firstName	String	User's first name
	lastName	String	User's last name
	language	Enumeration	User's language (Languages section)
	ip	String	User's IP-address

If the registration of the user is successful, the response from the server will contain a blank message. If the registration is not successful, a message with an error contained in its body will be returned.

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:register>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>
        <email>name@example.com</email>
        <firstName>John</firstName>
        <lastName>Smith</lastName>
        <language>en</language>
        <ip>*. *.*.*</ip>
      </arg1>
    </wsm:register>
  </soapenv:Body>
</soapenv:Envelope>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:registerResponse xmlns:ns2="http://api.volet.com/" />
  </soap:Body>
</soap:Envelope>
```

17. checkCurrencyExchange. Getting the currency exchange rate.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1	from	String	Outgoing currency (3 characters ISO 4217, Currencies section)
	to	String	Incoming currency (3 characters ISO 4217, Currencies section)

	action	Enumeration	Takes 2 values «BUY» and «SELL» «BUY» - will be converted the «amount» in currency «to» «SELL» - will be converted the «amount» in currency «from»
	amount	Double	Transaction amount (accuracy – up to two digits after decimal point)
	depositMethod	Enumeration	Deposit method that will be used to exchange for cryptocurrency in SCI (VOLET, VISA, MASTERCARD, MIR)
	cryptoToCardExchange	Boolean	Used to get current rate for Crypto2Card exchange

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return	amountExchanged	Double	Exchanged amount
	rate	Double	Exchange rate
	from	String	Outgoing currency (3 characters ISO 4217, Currencies section)
	to	String	Incoming currency (3 characters ISO 4217, Currencies section)
	action	Enumeration	Takes 2 values «BUY» and «SELL»
	amount	Double	Transaction amount (accuracy – up to two digits after decimal point)

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:checkCurrencyExchange>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>
```



```

    <from>USD</from>
    <to>BTC</to>
    <action>SELL</action>
    <amount>100.00</amount>
  </arg1>
</wsm:checkCurrencyExchange>
</soapenv:Body>
</soapenv:Envelope>

```

Example of Successful Response:

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:checkCurrencyExchange xmlns:ns2="http://api.volet.com/">
      <return>
        <checkCurrencyExchangeResultHolder>
          <from>USD</from>
          <to>BTC</to>
          <action>SELL</action>
          <amount>100.00</amount>
          <amountExchanged>0.235158</amountExchanged>
          <rate>425.25</rate>
        </checkCurrencyExchangeResultHolder>
      </return>
    </ns2:checkCurrencyExchange>
  </soap:Body>
</soap:Envelope>

```

18. createCryptoCurrencyInvoice. Creating a cryptocurrency deposit invoice.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1	amount	Double	Transaction amount (accuracy – up to two digits after decimal point)
	currency	Enumeration	Transfer currency (3 characters ISO 4217, Currencies section)

	cryptoCurrencyAmount	Double	Cryptocurrency amount (accuracy – up to six digits after decimal point)
	coinName	Enumeration	Cryptocurrency (Cryptocurrencies section)
	tetherTransportProtocol	Enumeration	Tether transfer protocol (OMNI, ETHEREUM) (Required if “coinName” is “USDT”)
	sciName	String	Shopping Cart Interface name (optional parameter)
	orderId	String	Id of the order (optional parameter)
	subMerchantURL	String	SubMerchant URL
	note	String	Note to transaction (optional parameter)

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return	address	String	Cryptocurrency address
	addressOldFormat	String	Cryptocurrency address in old format (BCH only)
	destinationTag	String	Ripple tag
	amount	Double	Transaction amount (accuracy – up to two digits after decimal point)
	currency	Enumeration	Transfer currency (3 characters ISO 4217, Currencies section)
	cryptoCurrencyAmount	Double	Cryptocurrency amount (accuracy – up to six digits after decimal point)
	coinName	Enumeration	Cryptocurrency (Cryptocurrencies section)
	sciName	String	Shopping Cart Interface name
	orderId	String	Id of the order
	subMerchantURL	String	SubMerchant URL
	note	String	Note to transaction

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:createCryptoCurrencyInvoice>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>
        <amount>1.00</amount>
        <currency>USD</currency>
        <coinName>BTC</coinName>
        <sciName>sci_name</sciName>
        <orderId>12345</orderId>
        <note>Some note</note>
      </arg1>
    </wsm:createCryptoCurrencyInvoice>
  </soapenv:Body>
</soapenv:Envelope>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:createCryptoCurrencyInvoice xmlns:ns2="http://api.volet.com/">
      <return>
        <createCryptoCurrencyInvoiceResult>
          <address>1C8jQAKHwE87bTmyDXSKdNyf8B8MnGYhpp</address>
          <cryptoCurrencyAmount>0.001388</cryptoCurrencyAmount>
          <coinName>BTC</coinName>
          <amount>1.00</amount>
          <currency>USD</currency>
          <sciName>sci_name</sciName>
          <orderId>12345</orderId>
          <note>Some note</note>
        </createCryptoCurrencyInvoiceResult>
      </return>
    </ns2:createCryptoCurrencyInvoice>
  </soap:Body>
</soap:Envelope>
```

19. findPaymentByOrderId. Getting SCI payment by orderId.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system

	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1	sciName	String	Shopping Cart Interface name
	orderId	String	Id of the order

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return	paymentStatus	String	Payment status (NEW, COMPLETED, PENDING_APPROVAL, CANCELED)
	paymentMethod	String	Payment method (VOLET, BITCOIN, LITECOIN, BITCOIN_CASH, RIPPLE, ETHEREUM, ZCASH, EXMO)
	paymentCreated	Date	Payment creation date (template - yyyy-MM-dd'T'HH:mm:ss'.SZ)
	transactionId	String	Transaction ID
	transactionStatus	Enumeration	Transaction status (Transaction Statuses section)
	transactionAmount	Double	Transaction amount (accuracy – up to two digits after decimal point)
	transactionCurrency	Enumeration	Currency of transaction (3 characters ISO 4217, Currencies section)
	transactionCreated	Date	Transaction creation date (template - yyyy-MM-dd'T'HH:mm:ss'.SZ)
	transactionCompleted	Date	Transaction completion date (template - yyyy-MM-dd'T'HH:mm:ss'.SZ)
	transactionCanceled	Date	Date of transaction cancellation (template - yyyy-MM-dd'T'HH:mm:ss'.SZ)

	buyerEmail	String	Payer email (only available when payment is made through Volet)
	srcWalletId	String	Payer wallet id (only available when payment is made through Volet)
	coinName	Enumeration	Cryptocurrency (Cryptocurrencies section)
	cryptoCurrencyInvoiceCreated	Date	Invoice creation date (template - yyyy-MM-dd'T'HH:mm:ss'. 'SZ)
	cryptoCurrencyPaymentReceived	Date	Receipt date of cryptocurrency payment (template - yyyy-MM-dd'T'HH:mm:ss'. 'SZ)
	cryptoCurrencyPaymentCompleted	Date	Confirmation date of cryptocurrency payment (template - yyyy-MM-dd'T'HH:mm:ss'. 'SZ)
	cryptoCurrencyPaymentRefundRequested	Date	Date of request for cryptocurrency payment refund (template - yyyy-MM-dd'T'HH:mm:ss'. 'SZ)
	cryptoCurrencyPaymentRefunded	Date	Cryptocurrency payment refund date (template - yyyy-MM-dd'T'HH:mm:ss'. 'SZ)
	cryptoCurrencyInvoiceStatus	Enumeration	Cryptocurrency invoice status (Cryptocurrency Invoice Statuses section)
	cryptoCurrencyAddress	String	Cryptocurrency address
	cryptoCurrencyAmount	Double	Amount billed in coinName currency (accuracy – up to six digits after decimal point).
	receivedCryptoCurrencyAmount	Double	Amount received in coinName currency (accuracy – up to six digits after decimal point).
	cryptoCurrencyTransactionId	String	Cryptocurrency transaction ID
	refundAddress	String	Refund address

Example of Request:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:findPaymentByOrderId>
      <arg0>

```

```
<apiName>api_name</apiName>
<authenticationToken>token</authenticationToken>
<accountEmail>name@example.com</accountEmail>
</arg0>
<arg1>
  <sciName>sci_name</sciName>
  <orderId>12345</orderId>
</arg1>
</wsm:findPaymentByOrderId>
</soapenv:Body>
</soapenv:Envelope>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2: findPaymentByOrderId xmlns:ns2="http://api.volet.com/">
      <return>
        <paymentOrderResult>
          <paymentStatus>COMPLETED</paymentStatus>
          <paymentMethod>BITCOIN</paymentMethod>
          <paymentCreated>2014-03-25T10:21:59.901+00:00</paymentCreated>
          <transactionId>49e14aa8-9f2c-454e-bdeb-d1ab36b9e640</transactionId>
          <transactionStatus>COMPLETED</transactionStatus>
          <transactionAmount>100.00</transactionAmount>
          <transactionCurrency>USD</transactionCurrency>
          <transactionCreated>2014-03-25T10:21:59.901+00:00</transactionCreated>
          <transactionCompleted>2014-03-25T10:21:59.901+00:00</transactionCompleted>
          <transactionCanceled>2014-03-25T10:21:59.901+00:00</transactionCanceled>
          <buyerEmail>name@example.com</buyerEmail>
          <srcWalletId>U0000000000000</srcWalletId>
          <coinName>BTC</coinName>

          <cryptoCurrencyInvoiceCreated>2014-03-25T10:21:59.901+00:00</cryptoCurrencyInvoiceCreated>

          <cryptoCurrencyPaymentReceived>2014-03-25T10:21:59.901+00:00</cryptoCurrencyPaymentReceived>

          <cryptoCurrencyPaymentCompleted>2014-03-25T10:21:59.901+00:00</cryptoCurrencyPaymentCompleted>

          <cryptoCurrencyPaymentRefundRequested>2014-03-25T10:21:59.901+00:00</cryptoCurrencyPaymentRefundRequested>

          <cryptoCurrencyPaymentRefunded>2014-03-25T10:21:59.901+00:00</cryptoCurrencyPaymentRefunded>
          <cryptoCurrencyInvoiceStatus>PAYMENT_
RECEIVED</cryptoCurrencyInvoiceStatus>
          <cryptoCurrencyAddress>1C8jQAKHwE87bTmyDX
SKdNyf8B8MnGYhpp</cryptoCurrencyAddress>
          <cryptoCurrencyAmount>0.001388</cryptoCurrencyAmount>
          <receivedCryptoCurrencyAmount>0.001388</receivedCryptoCurrencyAmount>
          <cryptoCurrencyTransactionId>e69b4b13973d730a0531b7d
145ac796da808df842a475107b31ec6cd011bcc35</cryptoCurrencyTransactionId>
          <refundAddress>14PPhgSbYbDJHwR.JeuUvzZ8q6n4B3dja2B</refundAddress>
          <sciName>sci_name</sciName>
          <orderId>12345</orderId>
        </paymentOrderResult>
      </return>
    </ns2: findPaymentByOrderId>
  </soap:Body>
</soap:Envelope>
```

```
</ns2:findPaymentById>
</soap:Body>
</soap:Envelope>
```

20. createCryptocurrencyWithdrawalInvoice. Creating cryptocurrency withdrawal invoice

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
arg1	accountEmail	String	Email of the user that owns the API
	amount	Double	Transaction amount (accuracy – up to two digits after decimal point)
	cryptoCurrencyAmount	Double	Transaction amount in cryptocurrency when you need to withdraw exact cryptocurrency amount (accuracy – up to six digits after decimal point)
	currency	Enumeration	Currency of transaction (3 characters ISO 4217, Currencies section)
	ecurrency	Enumeration	Ecurrency (Ecurrency chapter)
	depositMethod	Enumeration	Deposit method that will be used to exchange for cryptocurrency in SCI (VOLET, VISA, MASTERCARD, MIR)
	receiver	String	Cryptocurrency address (optional parameter)
	destinationTag	String	Ripple tag (optional parameter)
	orderId	String	Identifier in the user accounting system
	note	String	Note to transaction

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
-----------	--------------------	------	-------------

return	id	String	Invoice ID
	status	Enumeration	Invoice status (NEW, PROCESSING, COMPLETED, EXPIRED)
	depositMethod	Enumeration	Deposit method that will be used to exchange for cryptocurrency in SCI (VOLET, VISA, MASTERCARD, MIR)
	created	Date	Invoice creation date (timestamp)
	expiresOn	Date	Invoice expiration date (timestamp)
	orderId	String	Identifier in the user accounting system
	fiatAmount	Double	Withdrawal amount (accuracy – up to two digits after decimal point)
	fiatCurrency	Enumeration	Withdrawal currency (3 characters ISO 4217, Currencies section)
	cryptoCurrencyAmount	Double	Withdrawal amount in coinName currency (accuracy – up to six digits after decimal point)
	coinName	Enumeration	Cryptocurrency (Cryptocurrencies section)
	receiver	String	Cryptocurrency address
	transactionId	String	Transaction ID

Example of Request:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:createCryptoCurrencyWithdrawalInvoice>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>
        <amount>1000.00</amount>
        <currency>USD</currency>
        <ecurrency>BITCOIN</ecurrency>
        <receiver>1C8jQAkHwE87bTmyDXSKdNyf8B8MnGYhpp</receiver>
        <orderId>12345</orderId>
      </arg1>
    </wsm:createCryptoCurrencyWithdrawalInvoice>
  </soapenv:Body>
</soapenv:Envelope>

```



```

    <note>Some note</note>
  </arg1>
</wsm:createCryptoCurrencyWithdrawalInvoice>
</soapenv:Body>
</soapenv:Envelope>

```

Example of Successful Response:

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:createCryptoCurrencyWithdrawalInvoice xmlns:ns2="http://api.volet.com/">
      <return>
        <cryptoCurrencyWithdrawalInvoiceDTO>
          <id>45ebb02e-183b-4223-a824-c8c5021ef356</id>
          <status>COMPLETED</status>
          <created>1563893787579</created>
          <expiresOn>1563894687579</expiresOn>
          <orderId>12345</orderId>
          <fiatAmount>1000.00</fiatAmount>
          <fiatCurrency>USD</fiatCurrency>
          <cryptoCurrencyAmount>0.111388</cryptoCurrencyAmount>
          <coinName>BTC</coinName>
          <receiver>1C8jQAKHwE87bTmyDXSKdNyf8B8MnGYhpp</receiver>
          <transactionId>49e14aa8-9f2c-454e-bdeb-d1ab36b9e640</transactionId>
          <cryptoCurrencyWithdrawalInvoiceDTO>
        </return>
      </ns2:createCryptoCurrencyWithdrawalInvoice>
    </soap:Body>
  </soap:Envelope>

```

21. findCryptoCurrencyWithdrawalInvoiceById. Cryptocurrency withdrawal invoice search by ID.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1	invoiceId	String	Invoice ID

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return	id	String	Invoice ID

	status	Enumeration	Invoice status (NEW, PROCESSING, COMPLETED, EXPIRED)
	depositMethod	Enumeration	Deposit method that will be used to exchange for cryptocurrency in SCI (VOLET, VISA, MASTERCARD, MIR)
	created	Date	Invoice creation date (timestamp)
	expiresOn	Date	Invoice expiration date (timestamp)
	orderId	String	Identifier in the user accounting system
	fiatAmount	Double	Withdrawal amount (accuracy – up to two digits after decimal point)
	fiatCurrency	Enumeration	Withdrawal currency (3 characters ISO 4217, Currencies section)
	cryptoCurrencyAmount	Double	Withdrawal amount in coinName currency (accuracy – up to six digits after decimal point)
	coinName	Enumeration	Cryptocurrency (Cryptocurrencies section)
	receiver	String	Cryptocurrency address
	transactionId	String	Transaction ID

Example of Request:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:findCryptoCurrencyWithdrawalInvoiceById>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>45ebb02e-183b-4223-a824-c8c5021ef356</arg1>
    </wsm:findCryptoCurrencyWithdrawalInvoiceById>
  </soapenv:Body>
</soapenv:Envelope>

```

Example of Successful Response:

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:findCryptocurrencyWithdrawalInvoiceById xmlns:ns2="http://api.volet.com/">
      <return>
        <cryptocurrencyWithdrawalInvoiceDTO>
          <id>45ebb02e-183b-4223-a824-c8c5021ef356</id>
          <status>COMPLETED</status>
          <created>1563893787579</created>
          <expiresOn>1563894687579</expiresOn>
          <orderId>12345</orderId>
          <fiatAmount>1000.00</fiatAmount>
          <fiatCurrency>USD</fiatCurrency>
          <cryptocurrencyAmount>0.111388</cryptocurrencyAmount>
          <coinName>BTC</coinName>
          <receiver>1C8jQAKHwE87bTmyDXSKdNyf8B8MnGYhpp</receiver>
          <transactionId>49e14aa8-9f2c-454e-bdeb-d1ab36b9e640</transactionId>
        </cryptocurrencyWithdrawalInvoiceDTO>
      </return>
    </ns2:findCryptocurrencyWithdrawalInvoiceById>
  </soap:Body>
</soap:Envelope>

```

22. findCryptocurrencyWithdrawalInvoiceByOrderId. Cryptocurrency withdrawal invoice search by Order ID.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1	orderId	String	Invoice Order ID

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return	id	String	Invoice ID
	status	Enumeration	Invoice status (NEW, PROCESSING, COMPLETED, EXPIRED)

	depositMethod	Enumeration	Deposit method that will be used to exchange for cryptocurrency in SCI (VOLET, VISA, MASTERCARD, MIR)
	created	Date	Invoice creation date (timestamp)
	expiresOn	Date	Invoice expiration date (timestamp)
	orderId	String	Identifier in the user accounting system
	fiatAmount	Double	Withdrawal amount (accuracy – up to two digits after decimal point)
	fiatCurrency	Enumeration	Withdrawal currency (3 characters ISO 4217, Currencies section)
	cryptoCurrencyAmount	Double	Withdrawal amount in coinName currency (accuracy – up to six digits after decimal point)
	coinName	Enumeration	Cryptocurrency (Cryptocurrencies section)
	receiver	String	Cryptocurrency address
	transactionId	String	Transaction ID

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:findCryptoCurrencyWithdrawalInvoiceByOrderId>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>12345</arg1>
    </wsm:findCryptoCurrencyWithdrawalInvoiceByOrderId>
  </soapenv:Body>
</soapenv:Envelope>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2: findCryptoCurrencyWithdrawalInvoiceByOrderId xmlns:ns2="http://api.volet.com/">
```

```

<return>
  <cryptoCurrencyWithdrawalInvoiceDTO>
    <id>45ebb02e-183b-4223-a824-c8c5021ef356</id>
    <status>COMPLETED</status>
    <created>1563893787579</created>
    <expiresOn>1563894687579</expiresOn>
    <orderId>12345</orderId>
    <fiatAmount>1000.00</fiatAmount>
    <fiatCurrency>USD</fiatCurrency>
    <cryptoCurrencyAmount>0.111388</cryptoCurrencyAmount>
    <coinName>BTC</coinName>
    <receiver>1C8jQAKHwE87bTmyDXSKdNyf8B8MnGYhpp</receiver>
    <transactionId>49e14aa8-9f2c-454e-bdeb-d1ab36b9e640</transactionId>
  </cryptoCurrencyWithdrawalInvoiceDTO>
</return>
</ns2:findCryptoCurrencyWithdrawalInvoiceByOrderId>
</soap:Body>
</soap:Envelope>

```

23. confirmCryptoCurrencyWithdrawalInvoice. Confirmation of cryptocurrency withdrawal invoice.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1	invoiceId	String	Invoice ID
	receiver	String	Cryptocurrency address
	destinationTag	String	Ripple tag

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return		String	Withdrawal Transaction ID

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:confirmCryptoCurrencyWithdrawalInvoice>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>
        <invoiceId>45ebb02e-183b-4223-a824-c8c5021ef356</invoiceId>
        <receiver>1C8jQAKHwE87bTmyDXSKdNyf8B8MnGYhpp</receiver>
        <destinationTag>123456789</destinationTag>
      </arg1>
    </wsm:confirmCryptoCurrencyWithdrawalInvoice>
  </soapenv:Body>
</soapenv:Envelope>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:confirmCryptoCurrencyWithdrawalInvoice xmlns:ns2="http://api.volet.com/">
      <return>d1062eba-29b7-456c-b6ad-2ca734af4924</return>
    </ns2:confirmCryptoCurrencyWithdrawalInvoice>
  </soap:Body>
</soap:Envelope>
```

24. cancelProtectedTransfer. Cancellation of Protected Transfer or Transfer to Unregistered User via E-mail.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1		String	Transaction ID

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return	operationResult	Enumeration	Operation result (SUCCESS, FAIL)
	transactionStatus	Enumeration	Transaction status

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:cancelProtectedTransfer>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>2be2a661-0c7e-4fd9-957b-a910768692e8</arg1>
    </wsm:cancelProtectedTransfer>
  </soapenv:Body>
</soapenv:Envelope>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:cancelProtectedTransfer xmlns:ns2="http://api.volet.com/">
      <return>
        <cancelProtectedTransferResultHolder>
          <operationResult>SUCCESS</operationResult>
          <transactionStatus>CANCELED</transactionStatus>
        </cancelProtectedTransferResultHolder>
      </return>
    </ns2:cancelProtectedTransfer>
  </soap:Body>
</soap:Envelope>
```

25. getTariffs. Getting withdrawal fees.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return	paymentSystem	Enumeration	Payment system
	tariffs	GeneralApiWithdrawalTariffDTO[]	Fees array for payment system
	percent	Double	Percent fee
	fixedCommission	Double	Fixed fee
	fixedCommissionCurrency	Enumeration	Currency (3 characters ISO 4217, Currencies section)

Example of Request:

```

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:getTariffs>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
    </wsm:getTariffs>
  </soapenv:Body>
</soapenv:Envelope>

```

Example of Successful Response:

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:getTariffsResponse xmlns:ns2="http://api.volet.com/">
      <return>
        <paymentSystem>USDK</paymentSystem>
        <tariffs>
          <generalApiWithdrawalTariffDTO>
            <fixedCommission>null</fixedCommission>
            <fixedCommissionCurrency>USD</fixedCommissionCurrency>
            <percent>1.00</percent>
          </generalApiWithdrawalTariffDTO>
        </tariffs>
      </return>
      <return>
        <paymentSystem>USD_COIN</paymentSystem>
        <tariffs>
          <generalApiWithdrawalTariffDTO>
            <fixedCommission>null</fixedCommission>
            <fixedCommissionCurrency>USD</fixedCommissionCurrency>
          </generalApiWithdrawalTariffDTO>
        </tariffs>
      </return>
    </ns2:getTariffsResponse>
  </soap:Body>
</soap:Envelope>

```



```

        <percent>1.00</percent>
    </generalApiWithdrawalTariffDTO>
</tariffs>
</return>
<return>
    <paymentSystem>BANK_CARDS_UAH</paymentSystem>
    <tariffs>
        <generalApiWithdrawalTariffDTO>
            <fixedCommission>null</fixedCommission>
            <fixedCommissionCurrency>USD</fixedCommissionCurrency>
            <percent>3.00</percent>
        </generalApiWithdrawalTariffDTO>
    </tariffs>
</return>
<return>
    <paymentSystem>BANK_CARDS_EUR</paymentSystem>
    <tariffs>
        <generalApiWithdrawalTariffDTO>
            <fixedCommission>null</fixedCommission>
            <fixedCommissionCurrency>USD</fixedCommissionCurrency>
            <percent>3.00</percent>
        </generalApiWithdrawalTariffDTO>
    </tariffs>
</return>
<return>
    <paymentSystem>USDTETHER</paymentSystem>
    <tariffs>
        <generalApiWithdrawalTariffDTO>
            <fixedCommission>null</fixedCommission>
            <fixedCommissionCurrency>USD</fixedCommissionCurrency>
            <percent>1.00</percent>
        </generalApiWithdrawalTariffDTO>
    </tariffs>
</return>
</ns2: getTariffsResponse>
</soap:Body>
</soap:Envelope>

```

26. checkCryptoCurrencyInvoice. Getting the exchange rate of a cryptocurrency deposit invoice.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1	amount	Double	Transaction amount (accuracy – up to two digits after decimal point)

	currency	Enumeration	Transfer currency (3 characters ISO 4217, Currencies section)
	cryptoCurrencyAmount	Double	Cryptocurrency amount (accuracy – up to six digits after decimal point)
	coinName	Enumeration	Cryptocurrency (Cryptocurrencies section)
	tetherTransportProtocol	Enumeration	Tether transfer protocol (OMNI, ETHEREUM) (Required if “coinName” is “USDT”)
	sciName	String	Shopping Cart Interface name (optional parameter)
	orderId	String	Id of the order (optional parameter)
	subMerchantURL	String	SubMerchant URL
	note	String	Note to transaction (optional parameter)

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return	amountExchanged	Double	Exchange amount
	amount	Double	Transaction amount (accuracy – up to two digits after decimal point)
	currency	Enumeration	Transfer currency (3 characters ISO 4217, Currencies section)
	cryptoCurrencyAmount	Double	Cryptocurrency amount (accuracy – up to six digits after decimal point)
	coinName	Enumeration	Cryptocurrency (Cryptocurrencies section)
	sciName	String	Shopping Cart Interface name
	orderId	String	Id of the order
	subMerchantURL	String	SubMerchant URL
	note	String	Note to transaction

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:checkCryptoCurrencyInvoice>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>
        <amount>1.00</amount>
        <currency>USD</currency>
        <coinName>BTC</coinName>
        <sciName>sci_name</sciName>
        <orderId>12345</orderId>
        <note>Some note</note>
      </arg1>
    </wsm:checkCryptoCurrencyInvoice>
  </soapenv:Body>
</soapenv:Envelope>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:checkCryptoCurrencyInvoice xmlns:ns2="http://api.volet.com/">
      <return>
        <checkCryptoCurrencyInvoiceResult>
          <amountExchanged>0.001388</amountExchanged>
          <cryptoCurrencyAmount>0.001388</cryptoCurrencyAmount>
          <coinName>BTC</coinName>
          <amount>1.00</amount>
          <currency>USD</currency>
          <sciName>sci_name</sciName>
          <orderId>12345</orderId>
          <note>Some note</note>
        </checkCryptoCurrencyInvoiceResult>
      </return>
    </ns2:checkCryptoCurrencyInvoice>
  </soap:Body>
</soap:Envelope>
```

27. createP2pOrder. P2P order creation.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)

	accountEmail	String	Email of the user that owns the API
arg1	amount	Double	Order amount (accuracy – up to two digits after decimal point)
	currency	Enumeration	Order currency (3 characters ISO 4217, Currencies section)
	receiver	String	Receiver (email or walletId)
	orderId	String	Merchant order ID
	redirectUrl	String	URL for redirect after payment

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return	id	String	Order ID
	amount	Double	Order amount (accuracy – up to two digits after decimal point)
	currency	Enumeration	Order currency (3 characters ISO 4217, Currencies section)
	status	Enumeration	Order status (P2P order section)
	created	Date	Order creation date (timestamp)
	expiresOn	Date	Order expiration date (timestamp)
	receiver	String	Receiver (email or walletId)
	receiverWalletId	String	Receiver walletId
	senderAccountId	String	Sender account ID
	senderFullName	String	Sender full name
	orderId	String	Merchant order ID
	redirectUrl	String	URL for redirect after payment
	transactionId	String	Transaction ID
	paymentUrl	String	Payment URL

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:createP2pOrder>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>
        <amount>1.00</amount>
        <currency>USD</currency>
        <receiver>name@example.com</receiver>
        <orderId>12345</orderId>
        <redirectUrl>https://site.com/redirect</redirectUrl>
      </arg1>
    </wsm:createP2pOrder>
  </soapenv:Body>
</soapenv:Envelope>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:createP2pOrder xmlns:ns2="http://api.volet.com/">
      <return>
        <p2pOrderDTO>
          <id>19a414cb-6c6b-4932-8244-394607d44914</id>
          <amount>1.00</amount>
          <currency>USD</currency>
          <status>NEW</status>
          <created>1563894687579</created>
          <expiresOn>1563899167584</expiresOn>
          <receiver>name@example.com</receiver>
          <receiverWalletId>U000000000000</receiverWalletId>
          <senderAccountId>19a414cb-6c6b-4932-8244-394607d44914</senderAccountId>
          <senderFullName>First Second</senderFullName>
          <orderId>12345</orderId>
          <redirectUrl>https://site.com/redirect</redirectUrl>
          <transactionId>19a414cb-6c6b-4932-8244-394607d44914</transactionId>
          <redirectUrl>https://account.volet.com/redirect</redirectUrl>
        </p2pOrderDTO>
      </return>
    </ns2:createP2pOrder>
  </soap:Body>
</soap:Envelope>
```

28. findP2pOrderByOrderId. Find P2P order by orderId.

Request Parameters

Parameter	Internal Parameter	Type	Description
-----------	--------------------	------	-------------

arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1		String	Merchant order ID

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return	id	String	Order ID
	amount	Double	Order amount (accuracy – up to two digits after decimal point)
	currency	Enumeration	Order currency (3 characters ISO 4217, Currencies section)
	status	Enumeration	Order status (P2P order section)
	created	Date	Order creation date (timestamp)
	expiresOn	Date	Order expiration date (timestamp)
	receiver	String	Receiver (email or walletId)
	receiverWalletId	String	Receiver walletId
	senderAccountId	String	Sender account ID
	senderFullName	String	Sender full name
	orderId	String	Merchant order ID
	redirectUrl	String	URL for redirect after payment
	transactionId	String	Transaction ID
	paymentUrl	String	Payment URL

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:findP2pOrderByOrderId>
      <arg0>
```

```

    <apiName>api_name</apiName>
    <authenticationToken>token</authenticationToken>
    <accountEmail>name@example.com</accountEmail>
  </arg0>
  <arg1>123456</arg1>
</wsm:findP2pOrderByOrderId>
</soapenv:Body>
</soapenv:Envelope>

```

Example of Successful Response:

```

<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ns2:createP2pOrder xmlns:ns2="http://api.volet.com/">
      <return>
        <p2pOrderDTO>
          <id>19a414cb-6c6b-4932-8244-394607d44914</id>
          <amount>1.00</amount>
          <currency>USD</currency>
          <status>NEW</status>
          <created>1563894687579</created>
          <expiresOn>1563899167584</expiresOn>
          <receiver>name@example.com</receiver>
          <receiverWalletId>U000000000000</receiverWalletId>
          <senderAccountId>19a414cb-6c6b-4932-8244-394607d44914</senderAccountId>
          <senderFullName>First Second</senderFullName>
          <orderId>12345</orderId>
          <redirectUrl>https://site.com/redirect</redirectUrl>
          <transactionId>19a414cb-6c6b-4932-8244-394607d44914</transactionId>
          <redirectUrl>https://account.volet.com/redirect</redirectUrl>
        </p2pOrderDTO>
      </return>
    </ns2:createP2pOrder>
  </soap:Body>
</soap:Envelope>

```

29. cancelP2pOrderByOrderId. Cancel P2P order by orderId.

Request Parameters

Parameter	Internal Parameter	Type	Description
arg0	apiName	String	API name in Volet system
	authenticationToken	String	Generated token (Authentication section)
	accountEmail	String	Email of the user that owns the API
arg1		String	Merchant order ID

Successful Response Parameters

Parameter	Internal Parameter	Type	Description
return	id	String	Order ID
	amount	Double	Order amount (accuracy – up to two digits after decimal point)
	currency	Enumeration	Order currency (3 characters ISO 4217, Currencies section)
	status	Enumeration	Order status (P2P order section)
	created	Date	Order creation date (timestamp)
	expiresOn	Date	Order expiration date (timestamp)
	receiver	String	Receiver (email or walletId)
	receiverWalletId	String	Receiver walletId
	senderAccountId	String	Sender account ID
	senderFullName	String	Sender full name
	orderId	String	Merchant order ID
	redirectUrl	String	URL for redirect after payment
	transactionId	String	Transaction ID
	paymentUrl	String	Payment URL

Example of Request:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:wsm="http://api.volet.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <wsm:cancelP2pOrderByOrderId>
      <arg0>
        <apiName>api_name</apiName>
        <authenticationToken>token</authenticationToken>
        <accountEmail>name@example.com</accountEmail>
      </arg0>
      <arg1>123456</arg1>
    </wsm:cancelP2pOrderByOrderId>
  </soapenv:Body>
</soapenv:Envelope>
```

Example of Successful Response:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
```



```

<soap:Body>
  <ns2:createP2pOrder xmlns:ns2="http://api.volet.com/">
    <return>
      <p2pOrderDTO>
        <id>19a414cb-6c6b-4932-8244-394607d44914</id>
        <amount>1.00</amount>
        <currency>USD</currency>
        <status>NEW</status>
        <created>1563894687579</created>
        <expiresOn>1563899167584</expiresOn>
        <receiver>name@example.com</receiver>
        <receiverWalletId>U0000000000000</receiverWalletId>
        <senderAccountId>19a414cb-6c6b-4932-8244-394607d44914</senderAccountId>
        <senderFullName>First Second</senderFullName>
        <orderId>12345</orderId>
        <redirectUrl>https://site.com/redirect</redirectUrl>
        <transactionId>19a414cb-6c6b-4932-8244-394607d44914</transactionId>
        <redirectUrl>https://account.volet.com/redirect</redirectUrl>
      </p2pOrderDTO>
    </return>
  </ns2:createP2pOrder>
</soap:Body>
</soap:Envelope>

```

Enumerated Data Types

Prepaid-cards Types

Parameter	Possible Values	Description
cardType	VIRTUAL	Virtual card
	PLASTIC	Plastic card

Currencies

Parameter	Possible Values	Description
transferCurrency	USD	US Dollar
	EUR	Euro
	RUR	Russian Ruble
	GBP	Pound Sterling
	UAH	Ukrainian Hryvnia
	KZT	Kazakhstani Tenge
	BRL	Brazilian Real

	TRY	Turkish Lira
	VND	Vietnamese dong

Cryptocurrencies

Parameter	Possible Values	Description
coinName	BTC	Bitcoin
	LTC	Litecoin
	BCH	Bitcoin Cash
	XRP	Ripple
	ETH	Ethereum
	ZEC	Zcash
	USDT_ERC20	Tether (ERC20)
	USDT_TRC20	Tether (TRC20)
	USDC_ERC20	USD Coin (ERC20)
	USDC_BEP2	USD Coin (BEP2)
	USDC_BEP20	USD Coin (BEP20)
	DAI	DAI Stablecoin
	PAX	PAX Dollar
	TUSD	True USD
	TRX	Tron
	BNB_BEP2	Binance Coin (BEP2)
	BNB_BEP20	Binance Coin (BEP20)
	DOGE	Dogecoin

	DOGE_BEP2	Dogecoin (BEP2)
	DOGE_BEP20	Dogecoin (BEP20)
	SHIB	Shiba Inu
	SHIB_BEP20	Shiba Inu (BEP20)

Cryptocurrency Invoice Statuses

Parameter	Possible Values	Description
cryptoCurrencyInvoiceStatus	NEW	New invoice
	EXPIRED	Expired invoice
	PAYMENT_RECEIVED	Invoice paid
	UNDERPAYMENT_RECEIVED	Invoice paid. Payment amount is less than the invoice amount.
	OVERPAYMENT_RECEIVED	Invoice paid. Payment amount is greater than the invoice amount.
	EXPIRED_PAYMENT_RECEIVED	Invoice paid after the expiration of the activity period (15 minutes)
	EXPIRED_UNDERPAYMENT_RECEIVED	Invoice paid after the expiration of the activity period (15 minutes). Payment amount is less than the invoice amount.
	EXPIRED_OVERPAYMENT_RECEIVED	Invoice paid after the expiration of the activity period (15 minutes). Payment amount is greater than the invoice amount.
	EXPIRED_PAYMENT_REFUND_REQUESTED	Requested a refund of expired payment
	UNDERPAYMENT_REFUND_REQUESTED	Requested a refund of a payment. Payment amount is less than the invoice amount.
	EXPIRED_UNDERPAYMENT_REFUND_REQUESTED	Requested a refund of expired payment. Payment amount is less than the invoice amount.
	OVERPAYMENT_REFUND_REQUESTED	Requested a refund of a payment. Payment amount is greater than the

		invoice amount. Amount of the overpayment will be refunded.
	FULL_OVERPAYMENT_REFUND_REQUESTED	Requested a refund of a payment. Payment amount is greater than the invoice amount. Full amount will be refunded.
	EXPIRED_PAYMENT_REFUNDED	Expired payment refunded
	UNDERPAYMENT_REFUNDED	Underpayment refunded
	OVERPAYMENT_REFUNDED	Overpayment refunded. Amount of the overpayment refunded.
	FULL_OVERPAYMENT_REFUNDED	Overpayment refunded. Full amount refunded.

Transaction Statuses

Parameter	Possible Values	Description
transactionStatus	PENDING	Transaction processing is pending.
	PROCESS	Transaction is being processed.
	COMPLETED	Transaction is completed.
	CANCELED	Transaction is cancelled.
	CONFIRMED	Transaction is confirmed.

Transaction Names

Parameter	Possible Values	Description
transactionName	ALL	All transactions regardless of their type
	CHECK_DEPOSIT	Funds deposit by bank check
	WIRE_TRANSFER_DEPOSIT	Funds deposit from bank account
	WIRE_TRANSFER_WITHDRAW	Funds withdrawal to bank account
	INNER_SYSTEM	Intrasystem funds transfer
	CURRENCY_EXCHANGE	Currency exchange within account
	BANK_CARD_TRANSFER	Funds withdrawal to external bank card
	PREPAID_CARD_TRANSFER	Funds transfer to Volet card

	EXTERNAL_SYSTEM_DEPOSIT	Deposit funds through third-party system
	EXTERNAL_SYSTEM_WITHDRAWAL	Withdrawal through third-party system
	REPAYMENT	Funds repayment

Ecurrency

Parameter	Possible Values	Description
ecurrency	BITCOIN	Withdrawal to BTC
	LITECOIN	Withdrawal to LTC
	BITCOIN_CASH	Withdrawal to BCH
	RIPPLE	Withdrawal to XRP
	ETHEREUM	Withdrawal to ETH
	ZCASH	Withdrawal to ZEC
	TETHER_ERC20	Tether ERC20 USDT
	TETHER_TRC20	Tether TRC20 USDT
	TRON	Withdrawal to TRON
	BNB_BEP2	Withdrawal to BNB (BEP2)
	BNB_BEP20	Withdrawal to BNB (BEP20)
	USD_COIN	Withdrawal to USDC
	DAI	Withdrawal to DAI
	PAXOS_STANDARD	Withdrawal to USDP
	TRUE_USD	Withdrawal to TUSD
	DOGECOIN	Withdrawal to DOGE
	DOGECOIN_BEP2	Withdrawal to DOGE (BEP2)
	DOGECOIN_BEP20	Withdrawal to DOGE (BEP20)

	SHIBA_INU	Withdrawal to SHIB
	SHIBA_INU_BEP20	Withdrawal to SHIB (BEP20)

P2P order

Parameter	Possible Values	Description
status	NEW	New
	EXPIRED	Expired
	COMPLETED	Completed
	CANCELED	Canceled

Languages

Parameter	Possible Values	Description
language	en	English
	ru	Русский

Exceptions

Parameter	Possible Values	Description
exception	AccessDeniedException	Access denied.
	AlreadyExistException	The object already exists.
	ApiException	Exception of the third-party payment system.
	AttemptsHaveEndedException	The number of attempts exceeds the allowed maximum.
	BadParametersException	Incorrect set of parameters
	BadFormatAmountException	The payment amount is entered incorrectly.
	EmailAlreadyExistException	A user with this email address is already registered in the Volet system.

	ExchangeCurrencyException	Currency exchange error
	WrongIpException	Incorrect IP address
	LimitPerMonthException	The monthly transaction amount limit is exceeded.
	LimitPerDayException	The daily transaction amount limit is exceeded.
	LimitPerTransactionException	The transaction limit is exceeded.
	NotEnoughMoneyException	The funds are insufficient to make a payment.
	RecipientDoesNotExistException	Payment recipient was not found.
	SenderDoesNotExistException	Payment sender was not found.
	TooManyAttemptsException	The maximum number of attempts is exceeded.
	TooManyWalletsException	The maximum number of wallets is exceeded.
	UnsupportedTransaction	This transaction type or transaction name is not supported.
	UserBlockedException	The user is blocked and can not receive/make payments.
	UserDoesNotExistException	Such user does not exist in the Volet system.
	VeryBigAmountException	The maximum payment amount limit is exceeded.
	WalletCurrencyIncorrectException	The currency entered does not match the wallet's currency.
	WalletDoesNotExist	Such wallet does not exist.
	WrongParametersException	Incorrect request parameters
	WrongEmailException	Incorrect email address format
	IpInBlackListException	This IP address is blacklisted, and the user can not carry out any operations from this IP address.
	CardDoesNotExistException	Such card does not exist.
	CardIsNotActiveException	The card with this number is not active.
	CardNumberIsNotValidException	Incorrect card number format

Authentication

All requests sent to the API must contain the information that will allow the server to verify the authenticity of the user sending a request. This request will contain the Account Email and other information that will help the server identify the user sending a request. All requests from the server to the API must contain the following authentication details:

- API Name;
- Authentication Token. This parameter consists of a hashed text formed by combining the security word and the date UTC.
- Account Email.

Creation of Authentication Token

You must create an authentication token based on the following algorithm:

1. Form a text by combining the following parameters: API Password:Date UTC in YYYYMMDD format:Time UTC in HH format (only hours, not minutes).
2. Hash this text using the SHA256 algorithm.

For example, API Password: "P@ssw0rd", date UTC: "2007.02.25 14:55" (24h format)

Text based on the parameters' combination: "P@ssw0rd:20070225:14"

Hash SHA256 for this text:

CA5EE568D588145E5302B68DCF57B84E9E58D86EDCE287A2C5DC45435C364BAB

Change history

Version	Changes
1.0	-