SNIP20

[SecretNET.Token](#) is a layer on top of the Secret.NET which supports all methods of the [reference implementation](#) of the [SNIP20 contract](#) .

nuget install SecretNET.Token

Transfer SNIP-20 tokens

```
Copy varsnip20Client=newSecretNET.Token.Snip20Client(secretClient);

vartxExec=awaitsnip20Client.Tx.Transfer( contractAddress, recipient, amount,// int as string codeHash,
txOptions:newTxOptions() { GasLimit=5_000_000} );
```

Send SNIP-20 Tokens

```
Copy vartxExec=awaitsnip20Client.Tx.Send( contractAddress, recipient, amount,// int as string codeHash,
txOptions:newTxOptions() { GasLimit=5_000_000} );
```

Set Viewing Key and Query Balance

```
Copy vartxExec=awaitsnip20Client.Tx.SetViewingKey( contractAddress, "hello", txOptions:newTxOptions() {
GasLimit=100_000});

vartxQuery=awaitsnip20Client.Query.GetBalance( contractAddress, viewingKey:"hello", codeHash:codeHash );
```

Query Token Parameters

```
Copy vartxQuery=awaitawaitsnip20Client.Query.GetTokenInfo( contractAddress, codeHash:codeHash );
```

Get Transaction History

```
Copy vartxQuery=awaitsnip20Client.Query.GetTransactionHistory( contractAddress, pageSize:10, viewingKey:"hello",
codeHash:codeHash );
```

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