

transfer-snip-20-tokens)

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

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

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```
Send SNIP-20 Tokens
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```
Copy vartxExec=awaitsnip20Client.Tx.Send(contractAddress, recipient, amount,// int as string codeHash, txOptions:newTxOptions() { GasLimit=5_000_000});
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Set Viewing Key and Query Balance
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```
Copy vartxExec=awaitsnip20Client.Tx.SetViewingKey(contractAddress, "hello", txOptions:newTxOptions() { GasLimit=100_000});
```

```
vartxQuery=awaitsnip20Client.Query.GetBalance(contractAddress, viewingKey:"hello", codeHash:codeHash);
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Query Token Parameters
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```
Copy vartxQuery=awaitawaitsnip20Client.Query.GetTokenInfo(contractAddress, codeHash:codeHash);
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Get Transaction History
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```
Copy vartxQuery=awaitsnip20Client.Query.GetTransactionHistory(contractAddress, pageSize:10, viewingKey:"hello", codeHash:codeHash);
```

```
``` Previous Permits Next SNIP721 Last updated1 year ago
```