

add-minter)

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SNIP721

[SecretNET.NFT](#) is a layer on top of the Secret.NET which supports all methods of the [reference implementation](#) of the [SNIP721 contract](#) .

```
nuget install SecretNET.NFT
```

Add Minter

```
...
```

```
Copy varsnip721Client=newSecretNET.NFT.Snip721Client(secretClient);// SecretNET.NFT
```

```
varaddMinterMsg=newSecretNET.NFT.AddMinterRequest(minters:new[] {""});  
varaddMinter=awaitsnip721Client.Tx.AddMinter(  
msg:newSecretNET.NFT.MsgAddMinter(addMinterMsg,contractAddress,codeHash), txOptions:newTxOptions() {  
GasLimit=100_000});
```

```
...
```

Mint SNIP721 Token

```
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```

```
Copy varmintNftMsg=SecretNET.NFT.MintNftRequest.Create(tokenId:"1"); varmintNft=awaitsnip721Client.Tx.MintNft(  
msg:newSecretNET.NFT.MsgMintNft(mintNftMsg,contractAddress,codeHash), txOptions:newTxOptions() {  
GasLimit=200_000});
```

```
...
```

Transfer SNIP721 Token

```
...
```

```
Copy vartransferNftMsg=newSecretNET.NFT.TransferNftRequest(recipient,tokenId);  
vartransferNft=awaitsnip721Client.Tx.TransferNft(  
msg:newSecretNET.NFT.MsgTransferNft(transferNftMsg,contractAddress,codeHash), txOptions:newTxOptions() {  
GasLimit=50_000});
```

```
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```

Query Tokens with Permit

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```

```
Copy varpermit=awaitsecretClient.Permit.Sign( owner:wallet.Address, chainId:secretClient.ChainId, permitName:"test",  
allowedContracts:newstring[] { contractAddress }, permissions:newPermissionType[] { PermissionType.Owner });
```

```
vartokens=awaitsnip721Client.Query.GetTokens(contractAddress,wallet.Address,permit:permit,codeHash:codeHash);
```

```
...
```

Query Tokens with Viewing Key

```
...
```

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

```
var tokens = await snip721Client.Query.GetTokens(contractAddress, wallet.Address, viewingKey: "hello", codeHash:
```

codeHash);

``` [Previous SNIP20 Next Shade.Js](#) Last updated 1 year ago