

# Shielding Assets

You can shield assets in the MASP by making a transfer from a transparent address to a shielded address. This is known as a shielding transfer .

Assets can also be sent directly to a shielded address through IBC -- see the section on [Shielded IBC](#) for details.

## Making a shielding transfer

To conduct a shielding transfer, the user must first be in possession of a transparent account with some token balance.

### Generate a spending key

See [Shielded Key Management](#) for details on how to do this.

### Derive a new shielded address (aka: payment address)

You can (and should) derive multiple shielded addresses for the same spending key.

### Send your shielding transfer

```
namadac
```

```
transfer \ --source
```

```
< your-transparent-address s
```

```
\ --target
```

```
< your-shielded-address s
```

```
\ --token
```

```
< token-address s
```

```
\ --amount
```

```
< amount-to-shield
```

### Viewing your balance

To view the up-to-date balance of your spending key (or viewing key), you must first run the `shielded-sync` command to sync the local shielded context with any MASP notes owned by your spending/viewing key:

```
namadac
```

```
shielded-sync
```

```
--spending-keys
```

```
< your-spend-key y
```

```
or
```

```
namadac
```

```
shielded-sync
```

```
--viewing-keys
```

```
< your-viewing-key y
```

ð; The first time you wish to check the balance of a spending/viewing key, you must provide it to the shielded context with `--spending-keys|--viewing-keys` . On subsequent runs, you can simply use `namadac shielded-sync` . After the sync has completed, check your balance with:

```
namadac
```

```
balance
```

--owner

< your-spend-or-viewing-key

--token

< token

addresses

This will display the combined balance of all shielded addresses associated with that spending/viewing key.

[Shielded Key Management Unshielding Assets](#)