

Hyperledger Indy Network Tools

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HYPERLEDGER
FOUNDATION

Indicio

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IndyScan tool

Written by Patrick Stas

Developer-class tool which shows activity on the network

indyscan.indiciotech.io

Network roles and TAA

Hyperledger Indy Network Roles

- **Trustee**
Writes administrative transactions to the ledger.
- **Endorser**
Writes credential transactions to the ledger
(Schemas, Credential definitions, etc.)
- **Author**
Has privileges to create a transaction and issue credentials from it, but needs an endorser to endorse their transaction
- **Transaction Author Agreement (TAA)**
The agreement between network users and ledger governance.
Must be agreed to before writing

SelfServe tool

Network specific tool used for adding a privileged nym to a Test network.

Production networks regularly require fees and elevated permissions.

selfserve.indiciotech.io

Indy-CLI

Command line tool for managing local wallets
and DIDs

Can also view and manage networks

Indy-CLI - Commands you can try

```
> indy-cli --config cliconfig
```

```
indy> pool create testnet gen_txn_file=pool_transactions_testnet_genesis
```

```
indy> pool connect testnet
```

```
indy> wallet create my_wallet key
```

```
indy> wallet open my_wallet key
```

```
indy> did new metadata="new did with no privileges"
```

```
indy> did use <type first letter of new DID and then press tab>
```

Indy-CLI - Commands you can try

indy> help

indy> pool list

indy> wallet list

indy> did list

indy> ledger <tab><tab> (shows command hint)

indy> ledger help (shows commands detailed help)

indy> ledger nym help

indy> ledger get-nym <your DID> (shows that your DID is not on the ledger)

Intermission

We will return shortly!



<https://bit.ly/3rFNDfA>