

[] - start a new document with steps

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# start von network

git clone <https://github.com/bcgov/von-network.git> (optional if not first time)

cd von-network

./manage build (optional if not first time)

./manage start --logs

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# create DID alice issuer

curl -X POST "http://localhost:9000/register" \

-d '{"seed": "Alice00000000000000000000000000000001", "role": "TRUST\_ANCHOR", "alias": "Alice"}'

> result

```
{
  "did": "PLEVLDPJQMjvPLYX3LgB6S",
  "seed": "Alice00000000000000000000000000000001",
  "verkey": "DAwrZwgMwkTVHUQ8ZYAmuvzwprDmX8vFNXzFioxrWpCA"
}
```

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# start agents

```
aca-py start --label Alice -it http 0.0.0.0 8000 -ot http --admin 0.0.0.0 11000 --admin-insecure-mode -
--genesis-url http://localhost:9000/genesis --seed Alice00000000000000000000000000000001 --endpoint
http://localhost:8000/ --debug-connections --auto-provision --wallet-name Alice1 --wallet-key secret
--auto-accept-invites --auto-accept-requests --wallet-type
```

```
aca-py start --label Bob -it http 0.0.0.0 8001 -ot http --admin 0.0.0.0 11001 --admin-insecure-mode --
endpoint http://localhost:8001/ --genesis-url http://localhost:9000/genesis --debug-connections --
auto-provision --wallet-local-did --wallet-name Bob1 --wallet-key secret --auto-accept-invites --auto-
accept-requests --wallet-type indy
```

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# create invitation alice issuer

```
curl -X POST "http://localhost:11000/out-of-band/create-invitation" \
```

```
-H 'Content-Type: application/json' \
```

```
-d '{
```

```
"handshake_protocols": [
```

```
"did:sov:BzCbsNYhMrjHiqZDTUASHg;spec/didexchange/1.0"
```

```
],
```

```
"use_public_did": false
```

```
}'
```

> result

```
{"invitation": {"@type": "did:sov:BzCbsNYhMrjHiqZDTUASHg;spec/out-of-band/1.0/invitation",
"@id": "e945eff5-3990-409d-9f8b-6fdec940151b", "handshake_protocols":
["did:sov:BzCbsNYhMrjHiqZDTUASHg;spec/didexchange/1.0"], "label": "Alice", "services": [{"id":
"#inline", "type": "did-communication", "recipientKeys":
["did:key:z6MknXhxtvzAcYg8Jz3b3zWt3KpCo4adiTDxfCitBAHCriZ"], "serviceEndpoint":
"http://localhost:8000/"}]}, "invitation_url":
"http://localhost:8000/?oob=eyJAdHlwZSI6ICJkaWQ6c292OkJ6Q2JzTlloTXJqSGlxWkRUVUFTSGc7c3B
lYy9vdXQtb2YtYmFuZC8xLjAvaW52aXRhdGlvbiIsICJAaWQ6c292OkJ6Q2JzTlloTXJqSGlxWkRUVUFTSGc7c3B
OGltNmZkZW5NDAXNTFiliwglmhbmRzaGFrdm9wcm90b2NvbHMlOiBblmRpdzpb3Y6QnpDYnNO
WWhNcmplaXFaFRFRVQVNIZtzcGVJL2RpZGV4Y2hhbmdlLzEuMCMjLCAibGFiZiZWwioiAiQWxpY2UiLCAi
c2VydmVjZXMiOiBbeyJpZCI6ICljaW5saW5lIiwglmR5cGU6ICJkaWQ6c292OkJ6Q2JzTlloTXJqSGlxWkRUVUFTSGc7c3B
XBpZW50S2V5cyI6IiFsiZGlkOmtleTp6Nk1rbllhoehR2ekFjWWc4SnozYjN6V3QzS3BDbzRhZGluRGZ4ZkN
pdEJBSENyaVoiXSxwglNlcnZpY2VFbmRwb2ludCI6ICJodHRwOi8vbG9jYjYwXob3N0OjgwMDAvIn1dfQ==
", "invi_msg_id": "e945eff5-3990-409d-9f8b-6fdec940151b", "state": "initial", "trace": false}
```

-----

# bob holder receives invitation

```
curl -X POST "http://localhost:11001/out-of-band/receive-invitation" \
```

```
-H 'Content-Type: application/json' \
```

```
-d '{"@type": "did:sov:BzCbsNYhMrjHiqZDTUASHg;spec/out-of-band/1.0/invitation", "@id":
```

```
"e945eff5-3990-409d-9f8b-6fdec940151b", "handshake_protocols":
```

```
["did:sov:BzCbsNYhMrjHiqZDTUASHg;spec/didexchange/1.0"], "label": "Alice", "services": [{"id":
```

```
"#inline", "type": "did-communication", "recipientKeys":
```

```
["did:key:z6MknXhxtvzAcYg8Jz3b3zWt3KpCo4adiTDfxCitBAHCriZ"], "serviceEndpoint":  
"http://localhost:8000/"]}]'
```

> result

```
{"accept": "auto", "connection_id": "2d586568-c805-4af3-9281-d521c46ef302", "created_at":  
"2021-09-06 14:51:27.845066Z", "connection_protocol": "didexchange/1.0", "state": "request",  
"rfc23_state": "request-sent", "invitation_msg_id": "e945eff5-3990-409d-9f8b-6fdec940151b",  
"request_id": "99b7c1f0-8e95-4a37-a8f7-413b4f0e59db", "routing_state": "none", "their_role":  
"inviter", "invitation_key": "95SvJgjjH1BfCVctNRZ3CEGCyVJnJZyKGeHo3uCGHdwb", "updated_at":  
"2021-09-06 14:51:27.852225Z", "my_did": "5uHYncXZzvjkca1XKqwDTQ", "their_label": "Alice",  
"invitation_mode": "once"}
```

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# create schema

```
curl -X POST http://localhost:11000/schemas -H 'Content-Type: application/json' -d '{"attributes":  
["name", "age"], "schema_name": "my-schema", "schema_version": "1.0"}'
```

> result

No Ledger Available Error 403

>> troubleshoot

Will try bcoverin startup ledger for agents: <http://dev.greenlight.bcoverin.vonx.io>

Changing to bcoverin in genesis url did not assit

noticed LEDGER\_URL in demo scripts but that does not have --

Could also be http related as it requires https instead?

how do i change?

It does operate with localhost:9000/register but not http://localhost:11000/schemas

is it to do with the wallet-type indy command not instantiated

but how to get different wallet-types with no pool-timeout erros