Start Tessera

Prerequisites

[Tessera installed](#)

Start Tessera and send a payload

The following example starts the [transaction manager and local enclave](#) .

1. Generate keys

Generate a key pair in files calledmyKey.pub andmyKey.key :

tessera -keygen -filename myKey When prompted to enter a password, press Enter to generate an unlocked key.

Warning This example uses unlocked keys for educational purposes only. Secure private keys appropriately in production environments.

2. Create a configuration file

Create a file calledconfig.json and add the following properties:

Tessera configuration file { "useWhiteList": false, "jdbc": { "username": "sa", "password": "", "url": "jdbc:h2:./target/h2/tessera1", "autoCreateTables": true }, "serverConfigs": [{ "app": "ThirdParty", "serverAddress": "http://localhost:9081" }, { "app": "Q2T", "serverAddress": "unix:/tmp/test.ipc" }, { "app": "P2P", "serverAddress": "http://localhost:9001", "sslConfig": { "tls": "OFF" } }], "peer": [{ "url": "http://localhost:9001" }, { "url": "http://localhost:9003" }], "keys": { "passwords": [], "keyData": [{ "privateKeyPath": "myKey.key", "publicKeyPath": "myKey.pub" }] }, "alwaysSendTo": [] }

3. Start Tessera node

tessera -configfile config.json tip If the command line help is displayed, enable debugging and try again.

tessera --debug -configfile config.json

4. Confirm Tessera is running

Use theupcheck method to confirm Tessera is up and running.

- Request
- Result

curl http://localhost:9081/upcheck I'm up! [Edit this page](#) Last updatedonNov 29, 2023 byJoshua Fernandes[Previous Build from source](#) [Next Use GoQuorum or Besu with Tessera](#)