

# Bootstrap node configuration file

To start Tessera as a bootstrap node:

- Set [bootstrapNode](#)
- to true
- .
- Use the CUSTOM
- [encryptor type](#)
- to integrate a third party encryptor implementation.

info Tessera bootstrap nodes function the same way [bootnodes](#) do for Hyperledger Besu.

## Example configuration file

```
{ "useWhiteList": "boolean", "bootstrapNode": "boolean", "jdbc": { "url": "String", "username": "String", "password": "String" },
"serverConfigs": [ { "app": "ENCLAVE", // Defines us using a remote enclave, leave out if using built-in enclave
"serverAddress": "http://localhost:9081", //Where to find the remote enclave "communicationType": "REST" }, { "app":
"ThirdParty", "serverAddress": "http://localhost:9081", "bindingAddress": "String - url with port e.g. http://127.0.0.1:9081",
"communicationType": "REST" }, { "app": "Q2T", "serverAddress": "unix:/tmp/tm.ipc", "communicationType": "REST" }, {
"app": "P2P", "serverAddress": "http://localhost:9001", "bindingAddress": "String - url with port e.g. http://127.0.0.1:9001",
"sslConfig": { "tls": "enum STRICT,OFF", "generateKeyStoreIfNotExisted": "boolean", "serverKeyStore": "Path",
"serverTlsKeyPath": "Path", "serverTlsCertificatePath": "Path", "serverKeyStorePassword": "String", "serverTrustStore":
"Path", "serverTrustCertificates": ["Path..."], "serverTrustStorePassword": "String", "serverTrustMode": "Enumeration: CA,
TOFU, WHITELIST, CA_OR_TOFU, NONE", "clientKeyStore": "Path", "clientTlsKeyPath": "Path", "clientTlsCertificatePath":
"Path", "clientKeyStorePassword": "String", "clientTrustStore": "Path", "clientTrustCertificates": ["Path..."],
"clientTrustStorePassword": "String", "clientTrustMode": "Enumeration: CA, TOFU, WHITELIST, CA_OR_TOFU, NONE",
"knownClientsFile": "Path", "knownServersFile": "Path" }, "communicationType": "REST" } ], "peer": [ { "url": "url e.g.
http://127.0.0.1:9000/" } ], "keys": { "passwordFile": "Path", "keyVaultConfigs": [ { "keyVaultType": "Enumeration: AZURE,
HASHICORP, AWS", "properties": "Map[string]string" } ], "keyData": [ { "config": { "data": { "aopts": { "variant": "Enum : id,d or
i", "memory": "int", "iterations": "int", "parallelism": "int" }, "bytes": "String", "snonce": "String", "asalt": "String", "sbox":
"String", "password": "String" }, "type": "Enum: argon2sbox or unlocked. If unlocked is defined then config data is required. "
} }, "privateKey": "String", "privateKeyPath": "Path", "azureVaultPrivateKeyId": "String", "azureVaultPrivateKeyVersion":
"String", "publicKey": "String", "publicKeyPath": "Path", "azureVaultPublicKeyId": "String", "azureVaultPublicKeyVersion":
"String", "hashicorpVaultSecretEngineName": "String", "hashicorpVaultSecretName": "String",
"hashicorpVaultSecretVersion": "Integer (defaults to 0 (latest) if not set)", "hashicorpVaultPrivateKeyId": "String",
"hashicorpVaultPublicKeyId": "String" } ] }, "alwaysSendTo": ["String..."], "unixSocketFile": "Path", "features": {
"enableRemoteKeyValidation": false }, "encryptor": { "type": "Enumeration: NACL, EC, CUSTOM", "properties": {
"symmetricCipher": "String (defaults to AES/GCM/NoPadding if type = EC)", "ellipticCurve": "String (defaults to secp256r1 if
type = EC)", "nonceLength": "String (defaults to 24 if type = EC)", "sharedKeyLength": "String (defaults to 32 if type = EC)" }
} } } Edit this page Last updated on Oct 9, 2023 by dependabot[bot] Previous Configuration file Next Tessera API
```