

**Blueventure:
Blockchain Lab**

Track-and-Trace Blockchain
Workshop for Hyperledger
Fabric 2.2 (BETA)

▼ Create a Hyperledger Fabric
Network

► Create Network & Member

► Accept invite and create
Supplier member

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Setup Fabric binaries

Now that you have verified that you can connect to the Hyperledger Fabric CA, run the following commands to download the Hyperledger Fabric binaries:

```
1 cd
2 curl -sSL http://bit.ly/2ysb0FE | bash -s -- 2.2.4 1.5.2 -d -s
3 mv config/core.yaml . && rm -r config
```



Check whether `peer` binary is correctly downloaded:

```
1 peer version
```



You should see output like this:

```
1 peer:
2 Version: 2.2.4
3 Commit SHA: 263ca9e14
4 Go version: go1.16.7
5 OS/Arch: linux/amd64
6 Chaincode:
7 Base Docker Label: org.hyperledger.fabric
8 Docker Namespace: hyperledger
```



Check whether `fabric-ca-client` binary is correctly downloaded:

```
1 fabric-ca-client version
```



You should see output like this:

```
1 fabric-ca-client:
2 Version: 1.5.2
3 Go version: go1.16.7
4 OS/Arch: linux/amd64
```



The following commands add environment variables relevant to `peer` binary configuration to your bash profile:

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```
1 cd
2 add_line_to_profile_if_not_there() { grep -qxF "$1" .bash_profile || echo "$1" >> .bash_profile; }
3 export line="export CORE_PEER_TLS_ENABLED=true"
4 add_line_to_profile_if_not_there "$line"
5 export line="export CORE_PEER_TLS_ROOTCERT_FILE=\"$HOME/managedblockchain-tls-chain.pem\""
6 add_line_to_profile_if_not_there "$line"
7 export line="export CORE_PEER_LOCALMSPID=\"$MEMBERID\""
8 add_line_to_profile_if_not_there "$line"
9 export line="export CORE_PEER_MSPCONFIGPATH=\"$HOME/admin-msp\""
10 add_line_to_profile_if_not_there "$line"
11 export line="export CORE_PEER_ADDRESS=\"$PEER1ENDPOINT\""
12 add_line_to_profile_if_not_there "$line"
```



Now apply those changes by sourcing .bash_profile:

```
1 source ~/.bash_profile
```



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