Steps to up and run the property registration network

• Startup the network - ./network.sh up

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performance where consisted mage's platform (limus/amdds) does not natch the detected heat platform (limus/amdds/8) and no specific platform was fi4 American 5/22 and the second field of the second field field
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• Create a channel - /network.sh createChannel

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The state of the control of the cont
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 Install/deploy the chaincode - ./network.sh deployCC -ccn propregnet -ccl javascript -ccp ../chaincode -ccv 1 -ccs 1 -cci instantiate

```
2023-03-21 06:14:03.430 PDT 0001 INFO [chaincodeCmd] ClientWait -> txid [de33205d47d3c982fa007de24c8ad6a772cdb4965aa6bb009cf626e1723479ee] committed with status (VALID) at localhost:9051 Chaincode definition approved on peer0.org2 on channel 'mychannel'
   peer lifecycle chaincode checkcommitreadiness --channelID mychannel --name propregnet --version 1 --sequence 1 --init-required --output json
              "approvals": {
    "Org1MSP": true,
    "Org2MSP": true
   peer lifecycle chaincode checkcommitreadiness --channelID mychannel --name propregnet --version 1 --sequence 1 --init-required --output json
              "approvals": {
                           "Org1MSP": true,
"Org2MSP": true
   peer lifecycle chaincode commit -o localhost:7859 --ordererTLSHostnameOverride orderer.example.com --tls --cafile /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/ordererOrg
anizations/example.com/tlsca/tlsca.example.com-cert.pem --channelID mychannel --name propregnet --peerAddresses localhost:7051 --tlsRootCertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/peerOrganizations/org1.example.com/tlsca/tlsca.org1.example.com-cert.pem --peerAddresses localhost:9051 --tlsRootCertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-netwo
 rk/organizations/peerOrganizations/org2.example.com/tlsca/tlsca.org2.example.com-cert.pem --version 1 --sequence 1 --init-required
              21 86:14:11.952 PDT 8881 INFO [chaincodeCmd] ClientWait -> txid [7fe4d7cea9837f84e315395896aa88798b858a13b4c55741594e1b752e68f6ff] committed with status (VALID) at localhost:9651
21 86:14:11.951 PDT 8882 INFO [chaincodeCmd] ClientWait -> txid [7fe4d7cea9837f84e315395896aa88790b858a13b4c55741594e1b752e68f6ff] committed with status (VALID) at localhost:7051
 Chaincode definition committed on channel 'mychannel'
 + peer lifecycle chaincode querycommitted --channelID mychannel --name propregnet
 Committed chaincode definition for chaincode 'propregnet' on channel 'mychannel':
 Version: 1, Sequence: 1, Endorsement Plugin: escc, Validation Plugin: vscc, Approvals: [Org1MSP: true, Org2MSP: true]
Query chaincode definition successful on peer0.org1 on channel 'mychannel'
 + peer lifecycle chaincode querycommitted --channelID mychannel --name propregnet
+ peer lifetytie chaincode definition for chaincode 'propregnet' on channel 'mychannel':

Version: 1, Sequence: 1, Endorsement Plugin: escc, Validation Plugin: vscc, Approvals: [OrgIMSP: true, Org2MSP: true]

Query chaincode definition successful on peer8.org2 on channel 'mychannel'
Using organization 2
+ fon_call='{"function":"instantiate","Args":[]}'
+ fon_call='{"function":"instantiate","Args":[]}'
+ println '\033[0;34minvoke fon call:{"function":"instantiate","Args":[]}\033[0m'
+ echo -e '\033[0;34minvoke fon call:{"function":"instantiate","Args":[]}\033[0m'
+ peer chaincode invoke -o localhost:7050 --ordererTLSHostnameOverride orderer.example.com --tls --cafile /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/ordererOrganizations/peer rOrganizations/org1.example.com-cert.pem -- propregnet --peerAddresses localhost:7051 --tlsRootCertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/peer rOrganizations/org1.example.com/tlsca/tlsca.org1.example.com-cert.pem --peerAddresses localhost:7051 --tlsRootCertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/peerOr genizations/org2.example.com/tlsca/tlsca.org2.example.com-cert.pem --isInit -c '("function":"instantiate", "Args*:[]}'
7 183-9
2823-83-21 86:14-19.011 PDT 0001 INFO [chaincodeCnd] chaincodeInvokeOrQuery -> Chaincode invoke successful. result: status:200 Invoke transaction successful on peer0.org1 peer0.org2 on channel 'mychannel' thomasyirgetu@Thomass-MacBook-Pro test-network X
```

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• Invoke requestNewUser function - peer chaincode invoke -o localhost:7050 --ordererTLSHostnameOverride orderer.example.com --tls true -- cafile ${PWD}/organizations/ordererOrganizations/example.com/orderers/or derer.example.com/msp/tlscacerts/tlsca.example.com-cert.pem -C mychannel -n propregnet --peerAddresses localhost:7051 -- tlsRootCertFiles ${PWD}/organizations/peerOrganizations/org1.example.com/peers/pee r0.org1.example.com/tls/ca.crt --peerAddresses localhost:9051 -- tlsRootCertFiles ${PWD}/organizations/peerOrganizations/org2.example.com/peers/pee r0.org2.example.com/tls/ca.crt -c '{"function":"User:requestNewUser","Args":["Gaurav","gaurav.sit01@gmail.com","714-829-7869","1234"]}'
```

```
res=0
                                      "approvals": {
    "Org1MSP": true,
    "Org2MSP": true
        peer lifecycle chaincode checkcommitreadiness of the chainfode definition on peer0.org2, Retry after 3 seconds.

peer lifecycle chaincode checkcommitreadiness --channelID mychannel --name propregnet --version 1 --sequence 1 --init-required --output json res=0
                                         "approvals": {
                                                                             "Org1MSP": true,
"Org2MSP": true
  very contractions of the period of the perio
        183-0 223-03-21 06:27:17.756 PDT 8081 INFO [chaincodeCmd] ClientWeit -> txid [236371d1be7d2f87ad5aa650cf8b095866617d705b749c1a920f772644e72692] committed with status (VALID) at localhost:9051 023-03-21 06:27:17.756 PDT 0802 INFO [chaincodeCmd] ClientWeit -> txid [236371d1be7d2f87ad5aa650cf8b095866617d705b749c1a920f772644e72692] committed with status (VALID) at localhost:7051 haincode definition committed on channel 'mychannel'
Attempting to Query committed status on peere.org., Netry state: 3 seconds.
+ peer lifecycle chaincode querycommitted —channelID mychannel —name propregnet
+ res=0
Committed chaincode definition for chaincode 'propregnet' on channel 'mychannel':
Version: 1, Sequence: 1, Endorsement Plugin: escc, Validation Plugin: vscc, Approvals: [OrgIMSP: true, Org2MSP: true]
Query chaincode definition successful on peer0.org1 on channel 'mychannel'
Attaining to Query committed status on peers.org2, Netry state: 3 seconds.
+ peer lifecycle chaincode querycommitted —channellO mychannel —name propregnet
+ res=0
Committed chaincode definition for chaincode 'propregnet' on channel 'mychannel':
Version: 1, Sequence: 1, Endorsement Plugin: escc, Validation Plugin: vscc, Approvals: [OrgIMSP: true, Org2MSP: true]
Query chaincode definition successful on peer0.org2 on channel 'mychannel'
Using organization 2"
+ fcn_call='{"function":"instantiate", "Args":[]}'
+ infoln 'invoke fcn call:{"function":"instantiate", "Args":[]}'
+ println '\033[0;34minvoke fcn call:{"function":"instantiate", "Args":[]}\033[0m'
+ echo -e '\033[0;34minvoke fcn call:{"function":"instantiate", "Args":[]}\033[0m'
 Invoke for call (*Innetion:*Instantiate*, *Apg*:11)*

**peer chaincode invoke -o localhost:7656 —ordererISHostnameOverride orderer.example.com --tls --cafile /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/organizations/pee
/example.com/tlsca/clsca.example.com-cert.pem --Deprached --peerAddresses localhost:7651 --tlsRootCoertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/pee
Organizations/org1.example.com/tlsca/tlsca.org1.example.com-cert.pem --peerAddresses localhost:7691 --tlsRootCoertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/pee
Organizations/org2.example.com/tlsca/tlsca.org2.example.com-cert.pem --isInit -c '{*function*:*instantiate*, "Args*:[]}*
                                                                                 :24.312 PDT 0001 INFO [chaincodeCmd] chai
                                                                                                                                                                                                                                                                                          odeInvokeOrQuery -> Chaincode invoke successful. result: status:200
 2023-03-21 86:27:24.829 pg 100 more into ChaincodeCold cha
2023-03-21 06:27:46.894 PDT 0001 INFO [chaincodeCmd] chaincodeInvok 22\",\"ssn\":\"1234\",\"createdAt\":\"2023-03-21T13:27:46.000Z\"}" thomasyirgetu@Thomass-MacBook-Pro test-network %
```

Invoke approveNewUser function - peer chaincode invoke -o localhost:7050 --ordererTLSHostnameOverride orderer.example.com --tls true -- cafile \${PWD}/organizations/ordererOrganizations/example.com/orderers/or derer.example.com/msp/tlscacerts/tlsca.example.com-cert.pem -C mychannel -n propregnet --peerAddresses localhost:7051 -- tlsRootCertFiles

```
${PWD}/organizations/peerOrganizations/org1.example.com/peers/pee
r0.org1.example.com/tls/ca.crt --peerAddresses localhost:9051 --
tlsRootCertFiles
${PWD}/organizations/peerOrganizations/org2.example.com/peers/pee
r0.org2.example.com/tls/ca.crt -c
'{"function":"Admin:approveNewUser","Args":["Gaurav","1234"]}'
```

```
peer lifecycle chaincode checkcommitreadiness --channelID mychannel --name propregnet --version 1 --sequence 1 --init-required --output json
                      "approvals": {
                                       "Org1MSP": true,
"Org2MSP": true
 obsing organization organization organizations/organizations/orderertlSHostnameOverride orderer.example.com --tls --cafile /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/example.com/tlsca/tlsca.example.com-cert.pem --channelID mychannel --name propregnet --peerAddresses localhost:7051 --tlsRootCertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/peerOrganizations/org1.example.com/tlsca/tlsca.org1.example.com-cert.pem --peerAddresses localhost:7051 --tlsRootCertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/org1.example.com/tlsca/tlsca.org1.example.com-cert.pem --peerAddresses localhost:7051 --tlsRootCertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/property-registration-network/test-network/organizations/org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca
  rk/organizations/peerOrganizations/org2.example.com/tlsca/tlsca.org2.example.com-cert.pem --version 1 --sequence 1 --init-required
                           86:27:17.756 PDT 8881 INFO [chaincodeCmd] ClientWait -> txid [236371d1be7d2f87ad5aa658cf8b895866617d795b749c1a920f772644e72692] committed with status (VALID) at localhost:9051
86:27:17.756 PDT 8882 INFO [chaincodeCmd] ClientWait -> txid [236371d1be7d2f87ad5aa658cf8b895866617d785b749c1a920f772644e72692] committed with status (VALID) at localhost:7051
     peer lifecycle chaincode querycommitted --channelID mychannel --name propregnet
  res=0
Committed chaincode definition for chaincode 'propregnet' on channel 'mychannel':
Committed chaincode definition for chaincode 'propregnet' on channel 'mychannel':
  Version: 1, Sequence: 1, Endorsement Plugin: escc, Validation Plugin: vscc, Approvals: [OrgIMSP: true, Org2MSP: true]
Query chaincode definition successful on peer0.org1 on channel 'mychannel'
    peer lifecycle chaincode querycommitted --channelID mychannel --name propregnet
 + peer interprise challouse query commander = "claimed programmes = "name propregnet" + res=8
Committed chaincode definition for chaincode 'programet' on channel 'mychannel':
Version: 1, Sequence: 1, Endorsement Plugin: escc, Validation Plugin: vscc, Approvals: [OrgIMSP: true, Org2MSP: true]
Query chaincode definition successful on peer@.org2 on channel 'mychannel'
  OSINg otganization "
+ fon_call="{"function":"instantiate", "Args":[]}'
+ infoln 'invoke fon call:{"function":"instantiate", "Args":[]}'
+ println '\angle;34minvoke fon call:{"function":"instantiate", "Args":[]}\033[@m'
+ echo -e '\033[0;34minvoke fon call:{"function":"instantiate", "Args":[]}\033[0m'
 + peer chaincode invoke -o localnost:7950 --ordererTLSHostnameOverride orderer.example.com --tls --cafile /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/ordererOrganizations/example.com/tlsca/tlsca.example.com-cert.pem -C mychannel -n propregnet --peerAddresses localnost:7951 --tlsRootCoertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/pee rOrganizations/org1.example.com/tlsca/tlsca.org1.example.com-cert.pem --peerAddresses localnost:7961 --tlsRootCoertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/peerOrganizations/org2.example.com/tlsca/tlsca.org2.example.com-cert.pem --isInit -c '{*function*:*instantiate*,"Args*:[]}*
                      21 06:27:24.312 PDT 0001 INFO [chaincodeCmd] chaincodeInvokeOrQuery -> Chaincode invoke successful. result: status:200
eer0.org1.example.com/tls/ca.crt --peerAddresses localhost:9051 --tlsRootCertFiles ${PWD}/organizations/peerOrganizations/org2.example.com/peers/peer0.org2.example.com/tls/ca.crt -c '{"function":"Admin:approveNe wUser","Args":["Thomas","1234"]}'
  2823-83-21 86:33:16.385 PDT 8861 INFO [chaincodeCmd] chaincodeInvokeOrduery -> Chaincode invoke successful. result: status:280 payload:"{\"name\":\"Thomas\",\"ssn\":\"1234\",\"email\":\"tom.dibo@gmail.com\",\"phone\":\"714-829-6522\",\"createdAt\":\"2023-83-21T13:27:46.086Z\",\"upgradCoins\":0}"
thomasyirgetu@Thomass-MacBook-Pro test-network %
```

• Invoke rechargeAccount function - peer chaincode invoke -o localhost:7050 --ordererTLSHostnameOverride orderer.example.com --tls true -- cafile \${PWD}/organizations/ordererOrganizations/example.com/orderers/orderer.example.com/msp/tlscacerts/tlsca.example.com-cert.pem -C mychannel -n propregnet --peerAddresses localhost:7051 -- tlsRootCertFiles \${PWD}/organizations/peerOrganizations/org1.example.com/peers/peer0.org1.example.com/tls/ca.crt --peerAddresses localhost:9051 -- tlsRootCertFiles \${PWD}/organizations/peerOrganizations/org2.example.com/peers/peer0.org2.example.com/tls/ca.crt -c '{"function":"User:rechargeAccount","Args":["Gaurav","1234","upg1 000"]}'

```
res=0
                                                      "approvals": {
                                                                                                    "Org1MSP": true,
"Org2MSP": true
     ## peer lifecycle chaincode commit -o localhost:7050 —ordererTLSHostnameOverride orderer.example.com —-tls —-cafile /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/ordererOrganizations/example.com/tlsca/tlsca.example.com/cert.pem —-channelID mychannel —name propregnet —-peerAddresses localhost:7051 —-tlsRootCertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/peerOrganizations/org1.example.com/tlsca/tlsca.org1.example.com—cert.pem —-peerAddresses localhost:7051 —-tlsRootCertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/peerOrganizations/org2.example.com/tlsca/tlsca.org2.example.com—cert.pem —-version 1 —-sequence 1 —-init-required + res=0
                193-0
222-03-21 06:27:17.756 PDT 0001 INFO [chaincodeCnd] ClientWait -> txid [236371d1be7d2f87ad5aa650cf8b095866617d705b749c1a920f772644e72692] committed with status (VALID) at localhost:9051
223-03-21 06:27:17.756 PDT 0002 INFO [chaincodeCnd] ClientWait -> txid [236371d1be7d2f87ad5aa650cf8b095866617d705b749c1a920f772644e72692] committed with status (VALID) at localhost:7051
haincode definition committed on channel 'mychannel'
                peer lifecycle chaincode querycommitted --channelID mychannel --name propregnet
       Tres-o
Committed chaincode definition for chaincode 'propregnet' on channel 'mychannel':
Version: 1, Sequence: 1, Endorsement Plugin: escc, Validation Plugin: vscc, Approvals: [Org1MSP: true, Org2MSP: true]
Query chaincode definition successful on peer8.org1 on channel 'mychannel'
                peer lifecycle chaincode querycommitted --channelID mychannel --name propregnet
       + res=0
Committed chaincode definition for chaincode 'propregnet' on channel 'mychannel':
Version: 1, Sequence: 1, Endorsement Plugin: escc, Validation Plugin: vscc, Approvals: [OrgIMSP: true, Org2MSP: true]
Query chaincode definition successful on peer0.org2 on channel 'mychannel'
             Asing Oxpostations of the control of
     + peer chaincode invoke -o localhost:7850 --ordererTLSHostnameOverride orderer.example.com --tls --cafile /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/ordererOrganizations/example.com/tlsca.kxample.com-cert.pem -O mychannel -n propregnet --peerAddresses localhost:7851 --tlsRootCoertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/peerOrganizations/orgal.example.com/tlsca/tlsca.orgal.example.com-cert.pem --peerAddresses localhost:7951 --tlsRootCoertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/peerOrganizations/orgal.example.com/tlsca/tlsca.orgal.example.com-cert.pem --jeerAddresses localhost:7951 --tlsRootCoertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/peerOrganizations/orgal.example.com/tlsca/tlsca.orgal.example.com-cert.pem --isInit -c '{*function*:*instantiate*, '*Args*[]}
+ res=0
2023-83-21 06:27;24.312 PDT 8081 INFO (chaincodeCnd) chaincodeInvokeOrQuery -> Chaincode invoke successful. result: status:200
Invoke transaction successful on peer0.org peer0.org on channel "mychannel" thomasy/ingetu@Thomasy-MescBook-Pro test-network Speer chaincode invoke -> 
   wdser', "Args':["Thomas", "1234"]'
2022-03-21 Bot 0801 INFG [chaincodeCmd] chaincodeInvokeOrQuery -> Chaincode invoke successful. result: status:200 payload:"{\"name\":\"Thomas\",\"ssn\":\"1234\",\"email\":\"tom.dibo@gmail.com\",\"pho
ne\":\"714-829-6522\",\"createdAt\":\"2023-03-2113:27:46.0002\",\"upgradCoins\":0)"
thomasyingetu@Thomass-MacBook-Pro test-network & peer chaincode invoke -> localhost:7050 --ordererISHostnameOverride orderer.example.com --tls true --cafile ${PMD}/organizations/ordererOrganizations/swmple.com/
orderers/orderer.example.com/msp/liscacerts/fisca.example.com-ect.pem -C mychannel -n propregnet --peerAddresses localhost:7051 --tlsRootCertFiles ${PMD}/organizations/peerOrganizations/org1.example.com/peers/p
eer8.org1.example.com/tls/ca.crt --peerAddresses localhost:7051 --tlsRootCertFiles ${PMD}/organizations/peerOrganizations/org2.example.com/tls/ca.crt --o'("function":"User:rechargeAc
count", "Args':"IThomas":"1234\","upgradCoins\":"User:rechargeAc
count", "Args':"IThomas":"1234\","upgradCoins\":"User:rechargeAc
count", "Args':"Thomas':"User:rechargeAc
count",
```

```
Invoke viewUser function - peer chaincode invoke -o localhost:7050 -- ordererTLSHostnameOverride orderer.example.com --tls true --cafile ${PWD}/organizations/ordererOrganizations/example.com/orderers/orderer.example.com/msp/tlscacerts/tlsca.example.com-cert.pem -C mychannel -n propregnet --peerAddresses localhost:7051 --tlsRootCertFiles ${PWD}/organizations/peerOrganizations/org1.example.com/peers/peer0.org1.example.com/tls/ca.crt --peerAddresses localhost:9051 --tlsRootCertFiles ${PWD}/organizations/peerOrganizations/org2.example.com/peers/peer0.org2.example.com/tls/ca.crt -c '{"function":"User:viewUser","Args":["Gaurav","1234"]}'
```

```
ocang organizations (required to localhost:7850 --ordererTLShostnameOverride orderer.example.com --tls --cafile /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/ordererOrg anizations/example.com/clsca/tlsca.example.com-cert.pem --channelID mychannel --name propregnet --peerAddresses localhost:7851 --tlsRootCertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/cst-network/craticns/peerOrganizations/org1.example.com/clsca/tlsca.org1.example.com-cert.pem --peerAddresses localhost:7861 --tlsRootCertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/peerOrganizations/org2.example.com/clsca/tlsca.org2.example.com-cert.pem --version 1 --sequence 1 --init-required
           res=0
223-03-21 06:27:17.756 PDT 0001 INFO [chaincodeCmd] ClientWait -> txid [236371d1be7d2f87ad5aa650cf8b095866617d705b749c1a920f772644e72692] committed with status (VALID) at localhost:9051
223-03-21 06:27:17.756 PDT 0002 INFO [chaincodeCmd] ClientWait -> txid [236371d1be7d2f87ad5aa650cf8b095866617d705b749c1a920f772644e72692] committed with status (VALID) at localhost:7051
haincode definition committed on channel 'mychannel'
         peer lifecycle chaincode querycommitted --channelID mychannel --name propregnet
res=0
    + res=0
Committed chaincode definition for chaincode 'propregnet' on channel 'mychannel':
Version: 1, Sequence: 1, Endorsement Plugin: escc, Validation Plugin: vscc, Approvals: [Org1MSP: true, Org2MSP: true]
Query chaincode definition successful on peer8.org1 on channel 'mychannel'
         trempting to Query Committed status on peer0.org2, Retry after 3 seconds.
peer lifecycle chaincode querycommitted —channelID mychannel —name propregnet
res=0
    + res=0
Committed Chaincode definition for chaincode 'propregnet' on channel 'mychannel':
Version: 1, Sequence: 1, Endorsement Plugin: escc, Validation Plugin: vscc, Approvals: [OrgIMSP: true, Org2MSP: true]
Query chaincode definition successful on peer0.org2 on channel 'mychannel'
         fon_call={function*:"instantiate*,"Args*:[]}*
infoln 'invoke fon call:{"function*:"instantiate*,"Args*:[]}*
println '\0336:34minvoke fon call:{"function*:"instantiate*,"Args*:[]}\0336e*
echo = \\0336;34minvoke fon call:{"function*:"instantiate*,"Args*:[]}\0336e*
    hower on centry inductions - undertaken - programment - propagations/ordererOrganizations/ordererOrganizations/ordererOrganizations/ordererOrganizations/ordererOrganizations/oxample.com/clisca/ilsca.example.com-cert.pem - C mychannel - n propagate - peerAddresses localhost:7861 --tlsRootCoertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/pee rorganizations/org1.example.com/clsca/ilsca.org1.example.com-cert.pem - C mychannel - n propagations/peerOrganizations/peerOrganizations/org1.example.com/clsca/ilsca.org1.example.com-cert.pem - isInit - c '("function":"instantiate","Args":[]}'
                                                                                                                               8881 INFO [chaincodeCmd] chaincodeInvokeOrQuery -> Chaincode invoke successful. result: status:200
 Invoke transaction successful on peer8.org1 peer8.org2 on channel "mychannel" thomasy/rapte/Phomass-Macdook-Pro test-network % peer chaincode invoke -o localhost:7859 —ordererTLSHostnameOverride orderer.example.com —tls true —cafile ${PWD}/organizations/ordererOrganizations/ordererOrganizations/ordererOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/p
  wUser, "Args::[*Thomas*,"1234*]);

wUser, "Args::[*
         . Incompart 2017 1000 INFO [chaincodeOnd] chaincodeOndol chaincode
```

Invoke propertyRegistrationRequest function - peer chaincode invoke -o localhost:7050 --ordererTLSHostnameOverride orderer.example.com - -tls true --cafile \${PWD}/organizations/ordererOrganizations/example.com/orderers/or derer.example.com/msp/tlscacerts/tlsca.example.com-cert.pem -C mychannel -n propregnet --peerAddresses localhost:7051 --

```
tlsRootCertFiles
${PWD}/organizations/peer0rganizations/org1.example.com/peers/pee
r0.org1.example.com/tls/ca.crt --peerAddresses localhost:9051 --
tlsRootCertFiles
${PWD}/organizations/peerOrganizations/org2.example.com/peers/pee
r0.org2.example.com/tls/ca.crt -c
'{"function": "User: property Registration Request", "Args": ["001", "Gaurav", "1234", "400", "on Sale"]}'
```

```
twork/organizations/peerOrganizations/org1.example.com/tlsca/tlsca.org1.example.com/tlsca/tlsca.org1.example.com-cert.pem --peerAddresses localhost:9851 --tlsRootCertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/peerOrganizations/org2.example.com/tlsca/tlsca.org2.example.com-cert.pem --version 1 --sequence 1 --init-required
  2023-03-21 06:27:17.756 PDT 0001 INFO [chaincodeCmd] ClientWait -> txid [236371d1be7d2f87ad5aa650cf8b095866617d705b749c1a920f772644e72692] committed with status (VALID) at localhost:9051
  2023-03-21 06:27:17.756 PDT 0002 INFO [chaincodeCmd] ClientWait -> txid [236371d1be7d2f87ad5aa650cf8b095866617d705b749c1a920f772644e72692] committed with status (VALID) at localhost:7051
           aincode definition committed on channel 'mychannel
  Querying chaincode definition on peer0.org1 on channel 'mychannel'...
  Attempting to Query committed status on peer0.org1, Retry after 3 seconds. + peer lifecycle chaincode querycommitted --channelID mychannel --name propregnet
 Committed chaincode definition for chaincode 'propregnet' on channel 'mychannel':
Version: 1, Sequence: 1, Endorsement Plugin: escc, Validation Plugin: vscc, Approvals: [Org1MSP: true, Org2MSP: true]
Query chaincode definition successful on peet0.org1 on channel "mychannel"
  Querying chaincode definition on peer0.org2 on channel 'mychannel'...
  Attempting to Query committed status on peer0.org2, Retry after 3 seconds
   + peer lifecycle chaincode querycommitted --channelID mychannel --name propregnet
  Committed chaincode definition for chaincode 'propregnet' on channel 'mychannel':
 Version: 1, Sequence: 1, Endorsement Plugin: escc, Validation Plugin: vscc, Approvals: [Org1MSP: true, Org2MSP: true]
Query chaincode definition successful on peer0.org2 on channel 'mychannel'
  Using organization 1
  using uganizatium, 
+ fen_call='{ffunction':"instantiate","Args":[]}'
+ infoln 'invoke for call:("function':"instantiate","Args":[]}'
+ println '\033(0;34minvoke for call:("function":"instantiate","Args":[]\033(0m')
+ echo - e '\033(0;34minvoke for call:("function":"instantiate","Args":[]\033(0m')
2023-03-21 06:27:24.312 PDT 0001 INFO [chaincodeCmd] chaincodeInvokeOrQuery -> Chaincode invoke successful. result: status:200
 Invoke transaction successful on peers.org. peers.org. on channel "mynammer" transaction successful on peers.org. on channel "mynammer" transaction successful on peers.org. or channel "mynammer" transaction successful on peers.org. or channel "mynammer" or derer.org. 
eero.org1.example.com/tls/ca.ctr --perAddresses localnost/red_transcorred_transcorred_example.com/tls/ca.ctr --perAddresses localnost/red_transcorred_transcorred_example.com/tls/ca.ctr --perAddresses localnost/red_transcorred_transcorred_example.com/tls/ca.ctr --perAddresses localnost/red_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_transcorred_tran
  orderers/structer.example.com/nsp/rstacerts/tisca-example.com/rsp/rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rsp-rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-example.com/rstacerts/tisca-exam
2023-83-21 06:33:16.305 PDT 0801 INFO [chaincodeCmd] chaincodeInvokeorQuery -> Chaincode invoke successful. result: status:200 payload:"{\"name\":\"Thomas\",\"ssn\":\"1234\",\"email\":\"tom.dibo@gmail.com\",\"phome\":\"714-829-6522\",\"upgradCoins\":a)*
thomasyirgetu@Thomass-MacBook-Pro test-network % peer chaincode invoke -o localhost:7050 —-ordererTLSHostnameOverride orderer.example.com --tls true —-cafile ${PMD}/organizations/org1.example.com/
orderers/orderer.example.com/msp/tlscacerts/flsca.example.com-cert.pem -0 mychannel -n propregnet —-peerAddresses localhost:7051 —-tlsRootCertFiles ${PMD}/organizations/peerOrganizations/org1.example.com/rests/peerOrganizations/org1.example.com/rests/peerOrganizations/org2.example.com/tls/ca.crt —-peerAddresses localhost:9051 —-tlsRootCertFiles ${PMD}/organizations/peerOrganizations/org2.example.com/tls/ca.crt —-organizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/org2.example.com/tls/ca.crt —-("function":"User:recharge&count", "Argy:"!"Thomas", "1234", "upgla00" ]}
2023-30-21 06:41:31.766 PDT 0801 INFO [chaincodeCmd] chaincodeInvokeOrQuery -> Chaincode invoke successful. result: status:200 payload:"{\"name\":\"Thomas\",\"sn\":\"1234\",\"email\":\"tom.dibo@gmail.com\",\"pho
mc\":\"714-829-6522\",\"createdAt\":\"2023-33-2103:27:46.0802\",\"upgradCoins\":1000)"
thomasyirgetu@Thomass-MacBook-Pro test-network % peer chaincode invoke -o localhost:7050 —-ordererTLSHostnameOverride orderer.example.com —-tls true —-cafile ${PMD}/organizations/ordererOrganizations/ordererOrganizations/ordererOrganizations/ordererOrganizations/org1.example.com/ers/porderer.example.com/ers/porderer.example.com/ers/porderer.example.com/ers/porderer.example.com/ers/porderer.example.com/ers/porderer.example.com/porderer.example.com/ers/porderer.example.com/ers/porderer.example.com/ers/porderer.example.com/ers/porderer.example.com/ers/porderer.example.com/ers/porderer.example.com/ers/porderer.example.com/porderer.example.com/ers/porderer.example.com/ers/porderer.examp
```

orderers/orderer.example.com/nsp/rstaters/risea-example.com/nsp/ri

2023-03-21 06:45:00.158 PDT 0001 INFO [chaincodeCmd] chaincodeInvokebrQuery -> Chaincode invoke successful. result: status:200 payload: "("name\":\"Thomas\",\"ssn\":\"1234\",\"email\":\"100.dibo@gmail.com\",\"phome\":\"100.dibo@gmail.com\",\"phome\":\"100.dibo@gmail.com\",\"phome\":\"100.dibo@gmail.com\",\"phome\":\"100.dibo@gmail.com\",\"phome\":\"100.dibo@gmail.com\",\"phome\":\"100.dibo@gmail.com\",\"phome\":\"100.dibo@gmail.com\",\"phome\":\"100.dibo@gmail.com\",\"phome\":\"100.dibo@gmail.com\",\"phome\",\"

thomasvirgetu@Thomass-MacBook-Pro test-network %

```
${PWD}/organizations/ordererOrganizations/example.com/orderers/orderer
  .example.com/msp/tlscacerts/tlsca.example.com-cert.pem -C mychannel -n
propregnet --peerAddresses localhost:7051 --tlsRootCertFiles
${PWD}/organizations/peerOrganizations/org1.example.com/peers/peerO.or
g1.example.com/tls/ca.crt --peerAddresses localhost:9051 --
tlsRootCertFiles
${PWD}/organizations/peerOrganizations/org2.example.com/peers/peer0.or
g2.example.com/tls/ca.crt -c
  ["function":"Admin:approvePropertyRegistration","Args":["001"]}'
   Version: 1, Sequence: 1, Endorsement Plugin: escc, Validation Plugin: vscc, Approvals: [Org1MSP: true, Org2MSP: true]
  Query chaincode definition successful on peer0.org1 on channel 'myc
Using organization 2
Querying chaincode definition on peer0.org2 on channel 'mychannel'.
  Attempting to Query committed status on peer0.org2, Retry after 3 seconds. + peer lifecycle chaincode querycommitted --channelID mychannel --name propregnet
 + res=u
Committed chaincode definition for chaincode 'propregnet' on channel 'mychannel':
Version: 1, Sequence: 1, Endorsement Plugin: escc, Validation Plugin: vscc, Approvals: [Org1MSP: true, Org2MSP: true]
Query chaincode definition successful on peer@.org2 on channel 'mychannel'
 Using organization 2
+ fen.call="("function": "instantiate", "Args":[]}'
+ infoln 'invoke fen call:("function": "instantiate", "Args":[]}'
+ println '\833(e;34minvoke fen call:("function": "instantiate", "Args":[]}\833[0m'
+ echo -e '\833[0;34minvoke fen call:("function": "instantiate", "Args":[]}\833[0m'
+ echo -e '\@33[e;34minvoke fon call:("function": "instantiate", "Args":[])\@33[em' invoke fon call:("function": "instantiate", "Args":[])\@33[em' invoke fon call:("function": "instantiate", "Args":[])\
+ peer chaincode invoke -o localhost:7650 --ordererTLSHostnameOverride orderer.example.com --tls --cafile /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/peer organizations/peer organizations/org1.example.com/clsca/tlsca.org1.example.com-cert.pem --peerAddresses localhost:7051 --tlsRootCertFiles /Users/thomasyirgetu/desktop/property-registration-network/test-network/organizations/peer organizations/org1.example.com/clsca/tlsca.org1.example.com-cert.pem --isInit -c '("function":"instantiate", "Args":[])\
**Torania**
  7 123-0
2023-03-21 15:36:57.239 PDT 0001 INFO [chaincodeCmd] chaincodeInvokeOrQuery -> Chaincode invoke successful. result: status:200
Invoke transaction successful on per8.org1 peer8.org2 on channe! "mychanne!" thomasy/irgetu@Thomass-MacBook-Pro test-network % peer chainced invoke —o localhost:7858 —ordererTLSHostname@verride orderer.example.com —tls true —cafile ${PWD}/organizations/ordererOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrganizations/peerOrga
2823-03-21 15:4116.132 PDT 0001 INFO [chaincodeCmd] chaincodeInvokeOrQuery -> Chaincode invoke successful. result: status:200 payload: "\"name\":\"Thomas\",\"ssn\":\"123\",\"email\":\"tom.dibo@gmail.com\",\"phone\":\"714-829-6522\",\"createdAt\":\"2823-03-21172:46:56.0002\",\"upgradCoins\":09\"

ThomasyirgetUPfhomass-MacBook-Pro test-network % peer chaincode invoke - localhost:7850 --ordereTLSHostnameOverride orderer.example.com --tls true --cafile $(PWD)/organizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orgarizations/orga
2023-38-32 i5:42208.330 PDT 0001 INFO [chaincodeCmd] chaincodeImokeOrQuery -> Chaincode invoke successful. result: status:200 payload: "{\"name\":\"Thomas\",\"ssn\":\"1234\",\"email\":\"tom.dibo@gmail.com\",\"phone\":\"716-629-6522\",\"createdAt\":\"2023-38-21722:48:56.0002\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":10009\",\"upgradCoins\":1
  Ango : Indias , 1907 1901 INFO [chaincodeCmd] chaincodeInvokeOrduery -> Chaincode invoke successful. result: status:200 payload: "{\"name\":\"Thomas\",\"ssn\":\"1234\",\"email\":\"tom.dibo@gmail.com\",\"pho
```

Invoke approvePropertyRegistration function - peer chaincode invoke -o

true --cafile

localhost:7050 --ordererTLSHostnameOverride orderer.example.com --tls

```
• Invoke viewProperty function - peer chaincode invoke -o localhost:7050 -- ordererTLSHostnameOverride orderer.example.com --tls true -- cafile ${PWD}/organizations/ordererOrganizations/example.com/orderers/or derer.example.com/msp/tlscacerts/tlsca.example.com-cert.pem -C mychannel -n propregnet --peerAddresses localhost:7051 -- tlsRootCertFiles ${PWD}/organizations/peerOrganizations/org1.example.com/peers/pee r0.org1.example.com/tls/ca.crt --peerAddresses localhost:9051 -- tlsRootCertFiles ${PWD}/organizations/peerOrganizations/org2.example.com/peers/pee r0.org2.example.com/tls/ca.crt -c '{"function":"Admin:viewProperty","Args":["001"]}'
```

```
Westion: 1, Sequence: 1, Contrassent Plugion: sect, Validation Plugion: vect, Approvals: (Org.MSP: true)
Deling organization of processing on communit "organization of processing on communit "organization of processing on community "organization of processing of contends "organization of processing organization organization
```

Invoke updateProperty function - peer chaincode invoke -o localhost:7050

 -ordererTLSHostnameOverride orderer.example.com --tls true - cafile
 \${PWD}/organizations/ordererOrganizations/example.com/orderers/or

00\".\"price\":\"400\".\"status\":\"onSale\".\"createdAt\":\"2023-03-21T22:51:57.000Z\"}"

thomasyirgetu@Thomass-MacBook-Pro test-network %

derer.example.com/msp/tlscacerts/tlsca.example.com-cert.pem -C
mychannel -n propregnet --peerAddresses localhost:7051 -tlsRootCertFiles

\${PWD}/organizations/peerOrganizations/org1.example.com/peers/pee

```
r0.org1.example.com/tls/ca.crt --peerAddresses localhost:9051 --
tlsRootCertFiles
${PWD}/organizations/peerOrganizations/org2.example.com/peers/pee
r0.org2.example.com/tls/ca.crt -c
'{"function": "User:updateProperty", "Args": ["001", "Gaurav", "1234",
"500", "Not On Sale"]}'
```

Error: endorsement failure during invoke. response: status:500 message:"Thomas with SSN 1234 not found."
thomasyirgetu@Thomass-MacBook-Pro test-network % peer chaincode invoke -o localhost:7850 —ordererIcSHostnameOverride orderer.example.com —rtls true —cafile \$(PWD)/organizations/ordererOrganizations/organiz

"Args::["Thomas","1234"]}'
2023-03-21 16:16:19.737 PDT 0001 INFO [chaincodeCmd] chaincodeInvokeOrQuery -> Chaincode invoke successful. result: status:200 payload:"{\"name\":\"Thomas\",\"ssn\":\"1234\",\"email\":\"tom.dibo@gmail.com\",\"pho

2023-03-21 16:16:19.737 PDT 0001 INFO [chaincodeCmd] chaincodeInvokeOrQuery >> Chaincode invoke successful. result: status:200 payload:"{\"name\":\"Thomas\",\"ssn\":\"1234\",\"email\":\"tom.dibo@gmail.com\",\"phona\":\"714-829-0522\",\"createdAtt\":\"2823-80-21723:11:30.00027\",\"upgracCoins\":1000]
orderers/orderer.example.com/forterrevample.com/forterrevork peer chaincode invoke -0 localhost:7056 --ordererTLSHostnameOverride orderer.example.com,-tls true --cafile \${PWD}/organizations/ordererOrganizations/example.com/forterrevample.com/forter.example.com/forter.example.com/forter.example.com/forter.example.com/forter.example.com/forter.example.com/forter.example.com/forter.example.com/forterrevample.com/forter.example.com/forter.example.com/forter.example.com/forter.example.com/forter.example.com/forter.example.com/forter.example.com/forterrevample.com/fo

-03-21 16:18:25.789 PDT 0001 INFO [chaincodeCmd] chaincodeInvokeOrQuery -> Chaincode invoke successful. result: status:200 payload:"{\"propertyId\":\"001\",\"owner\":\"\\u0000User\\u0000100000Thomas\\u00001234\\u00001

2023-8-21 16:18:07.709 POT 0001 INFO [chaincodeCmd] chaincodeInvokeCTQuery -> Chaincode invoke successful. result: status:200 payload:"{\"propertyId\":\"003le\",\"onsale\",\"on

orderers/orderer.example.com/msp/tlscacerts/tlsca.example.com-cert.pem -C mychannel -n propregnet --peerAddresses localhost:7861 --tlsRootCertFiles \$(PWD)/organizations/peerOrganizations/org2.example.com/lepeerOrganizations/org2.example.com/lepeerOrganizations/org2.example.com/tls/ca.crt -e '("function":"Addin:approvePr opertyPege=7:1901")\
2022-83-21 16:19:58.497 PDT 8001 INFO [chaincodeCmd] chaincodeInvokeOrQuery -> Chaincode invoke successful. result: status:200 payload:"{\"propertyId\":\"001\";\"001\"

• Invoke purchaseProperty - peer chaincode invoke -o localhost:7050 -- ordererTLSHostnameOverride orderer.example.com --tls true -- cafile \${PWD}/organizations/ordererOrganizations/example.com/orderers/or derer.example.com/msp/tlscacerts/tlsca.example.com-cert.pem -C mychannel -n propregnet --peerAddresses localhost:7051 -- tlsRootCertFiles \${PWD}/organizations/peerOrganizations/org1.example.com/peers/pee r0.org1.example.com/tls/ca.crt --peerAddresses localhost:9051 -- tlsRootCertFiles \${PWD}/organizations/peerOrganizations/org2.example.com/peers/pee r0.org2.example.com/tls/ca.crt -c '{"function":"User:purchaseProperty", "Args":["001", "Singh", "5678"]}'

```
Committed chaincode definition for chaincode 'propregnet' on channel 'mychannel':
       Version: 1, Sequence: 1, Endorsement Plugin: escc, Validation Plugin: vscc, Approvals: [Org1MSP: true, Org2MSP: true]
                                                                                                   ode definition successful on peer0.org2 on cha
    Using organization 2

# fcn_call='("function":"instantiate","Args":[]}'

# infoln 'invoke for call:\{"function":"instantiate","Args":[]}'

# println '\033[0;34minvoke for call:\{"function":"instantiate","Args":[]}\033[0m'

# echo -e '\033[0;34minvoke for call:\{"function":"instantiate","Args":[]}\033[0m'
  + econ = '\ossignations':"Instantiate", "Args::[] \\ossignations':nordine:"instantiate", "Args::[] \\ossignations':nordine:"instantiate
       2023-03-21 17:12:00.455 PDT 0001 INFO [chaincodeCmd] chaincodeInvokeOrQuery -> Chaincode invoke successful. result: status:200
    Invoke transaction successful on peer8.org1 peer8.org2 on channel "mychannel" com/control successful on peer8.org2.example.com/spt/lsca.extample.com/control successful on peer8.org2.example.com/spt/lsca.extample.com/spt/lsca.extample.com/control successful on peer8.org2.example.com/spt/lsca.extample.com/control successful on peer8.org2.example.com/control successf
  \",\"ssn\":\"5678\",\"createdAt\":\"223-80-22780:14:47.8027\">

\tag{2.50}\",\"createdAt\":\"223-80-22780:14:47.8027\">

\tag{2.50}\",\"createdAt\":\"223-80-22780:14:47.8027\">

\tag{2.50}\",\"createdAt\":\"223-80-22780:14:47.8027\",\"createdAt\":\"223-80-22780:14:47.8027\",\"createdAt\":\"223-80-22780:14:47.8027\",\"createdAt\":\"223-80-22780:14:47.8027\",\"createdAt\":\"223-80-22780:14:47.8027\",\"createdAt\":\"223-80-22780:14:47.8027\",\"createdAt\":\"233-80-22780:14:47.8027\",\"createdAt\":\"243-80-2780:14:47.8027\",\"createdAt\":\"243-80-2780:14:47.8027\",\"createdAt\":\"243-80-2780:14:47.8027\",\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdAt\":\"createdA
eref.orgl.example.com/tis/cs.crt —-peerAddresses localhost:9651 —-lisRootCertFiles ${PWD}/organizations/peerOrganizations/org2.example.com/peers/peer0.org2.example.com/tis/cs.crt —- (*function":"User:rechargeAccount", "Args*:[*]onn", "5578", "upgi300°]}
2223-03-21 [:1]:15:48.465 [Dri 000] [chaincodeCmd] chaincodeCmd] chain
  2023-03-21 17:16:29.606 PDT 0001 INFO [chaincodeCnd] chaincodeCndvkeOrQuery -> Chaincode invoke successful. result: status:200 payload: "{\"name\":\"Thomas\",\"ssn\":\"1234\",\"email\":\"tom.dibo@gmail.com\",\"pho ne\":\"714-829-5090\",\"createdAt\":\"2023-03-22100:16:14.0002\",\"upgradCoins\":0}*
thomasyirgetu@Thomass-MacBook-Pro test-network % peer chaincode invoke -o localhost:7850 --ordererTLSHostnameOverride orderer.example.com --tls true --cafile ${PWD}/organizations/ordererOrganizations/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/tops/cample.com/
  opertyRegistration*, "Args*:["001"]}

2223-03-21 [17:17:15.28 PD 100801 INFO [chaincodeCmd] chaincodeCmd] chaincodeCmd | chaincodeCmd] chaincodeCmd | chaincodeCmd | chaincodeCmd] chaincodeCmd | chaincodeCmd] chaincodeCmd | chaincod
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