

```
# Copyright IBM Corp. All Rights Reserved.
#
# SPDX-License-Identifier: Apache-2.0
#

version: '2'

volumes:
  orderer.zak.codes:
  peer0.city1.zak.codes:
  peer1.city1.zak.codes:
  peer0.city2.zak.codes:
  peer1.city2.zak.codes:

networks:
  ipsc:

services:
  orderer.zak.codes:
    extends:
      file: base/docker-compose-base.yaml
      service: orderer.zak.codes
    container_name: orderer.zak.codes
    networks:
      - ipsc

  peer0.city1.zak.codes:
    container_name: peer0.city1.zak.codes
    extends:
      file: base/docker-compose-base.yaml
      service: peer0.city1.zak.codes
    networks:
      - ipsc

  peer1.city1.zak.codes:
    container_name: peer1.city1.zak.codes
    extends:
      file: base/docker-compose-base.yaml
      service: peer1.city1.zak.codes
    networks:
      - ipsc

  peer0.city2.zak.codes:
    container_name: peer0.city2.zak.codes
    extends:
      file: base/docker-compose-base.yaml
      service: peer0.city2.zak.codes
    networks:
      - ipsc

  peer1.city2.zak.codes:
    container_name: peer1.city2.zak.codes
    extends:
      file: base/docker-compose-base.yaml
      service: peer1.city2.zak.codes
    networks:
      - ipsc

  cli:
    container_name: cli
    image: hyperledger/fabric-tools:$IMAGE_TAG
    tty: true
    environment:
      - GOPATH=/opt/gopath
      - CORE_VM_ENDPOINT=unix:///host/var/run/docker.sock
      - CORE_LOGGING_LEVEL=DEBUG
      #- CORE_LOGGING_LEVEL=ERROR
      - CORE_PEER_ID=cli
      - CORE_PEER_ADDRESS=peer0.city1.zak.codes:7051
      - CORE_PEER_LOCALMSPID=City1MSP
      - CORE_PEER_TLS_ENABLED=true
      - CORE_PEER_TLS_CERT_FILE=/opt/gopath/src/github.com/hyperledger/fabric/peer/c
```

```

crypto/peerOrganizations/city1.zak.codes/peers/peer0.city1.zak.codes/tls/server.crt
  - CORE_PEER_TLS_KEY_FILE=/opt/gopath/src/github.com/hyperledger/fabric/peer/cr
crypto/peerOrganizations/city1.zak.codes/peers/peer0.city1.zak.codes/tls/server.key
  - CORE_PEER_TLS_ROOTCERT_FILE=/opt/gopath/src/github.com/hyperledger/fabric/pe
er/crypto/peerOrganizations/city1.zak.codes/peers/peer0.city1.zak.codes/tls/ca.crt
  - CORE_PEER_MSPCONFIGPATH=/opt/gopath/src/github.com/hyperledger/fabric/peer/c
crypto/peerOrganizations/city1.zak.codes/users/Admin@city1.zak.codes/msp
  working_dir: /opt/gopath/src/github.com/hyperledger/fabric/peer
  # command: /bin/bash -c './scripts/script.sh ${CHANNEL_NAME} ${DELAY}; sleep $TI
MEOUT'
  volumes:
    - /var/run:/host/var/run/
    # - ~/fabric/fabric-samples/chaincode:/opt/gopath/src/github.com/hyperledger
/fabric/examples/chaincode/go
    - ../../chaincode:/opt/gopath/src/github.com/hyperledger/fabric/chaincode
    - ./crypto-config:/opt/gopath/src/github.com/hyperledger/fabric/peer/crypto/
    - ./scripts:/opt/gopath/src/github.com/hyperledger/fabric/peer/scripts/
    - ./channel-artifacts:/opt/gopath/src/github.com/hyperledger/fabric/peer/cha
nnel-artifacts
  depends_on:
    - orderer.zak.codes
    - peer0.city1.zak.codes
    - peer1.city1.zak.codes
    - peer0.city2.zak.codes
    - peer1.city2.zak.codes
  networks:
    - ipsc

```