

Windows Network Setup Documentation

aws setup

1. download pem file
2. open powershell
3. cd downloads
4. ssh in (based on given meity2 key)
5. docker --version
 - a. this is just a check, not necessary
6. follow [hyperledger fabric documentation](#) -
 - a. getting started- install
 - i. linux
 1. git : sudo apt-get install git
 2. cURL : sudo apt-get install curl
 3. docker : sudo apt-get -y install docker-compose
 - ii. sudo service docker start
 - iii. add user to docker group : sudo usermod -a -G docker <username>
 1. to find out user for user name, command whoami
 2. no <>
7. install jq
 - a. sudo apt install jq
8. install mongodb
 - a. sudo apt install mongodb
9. install nodejs
 - a. sudo apt install -y nodejs
10. sudo apt install npm
11. curl -o- https://raw.githubusercontent.com/nvm-sh/nvm/v0.35.3/install.sh | bash
 - a. installs node version manager to be able to change versions
12. nvm install 16.18.0
 - a. node -v
 - i. to make sure versions match
13. curl -sSL https://bit.ly/2ysbOFE | bash -s
 - a. to install remaining prerequisites and hyperledger fabric
14. docker ps
15. cd fabric-samples
16. cd bin
17. pwd
 - a. copy the resulting path
18. cd out of fabric samples
19. export PATH=\$PATH:
 - a. after colon paste the path you copied
 - b. for example: export PATH = \$PATH:/home/ubuntu/MEITY/fabric-samples/bin
20. cd test-network
21. ./network.sh up

22. docker ps -a
network is set up

to stop the network:

1. ./network.sh down
2. docker ps -a

to logout at any point: type command **exit**

for ubuntu machine:

1. follow [hyperledger fabric documentation](#) -
 - a. follow till adding user
 2. install jq
 - a. sudo apt install jq
 3. install mongodb
 - a. <https://www.fosstechnix.com/how-to-install-mongodb-on-ubuntu-22-04-lts/>
FOLLOW THIS - do until step 5 (allowing remote access)
 4. install nodejs
 - a. sudo apt install -y nodejs
 5. sudo apt install npm
 6. curl -o- https://raw.githubusercontent.com/nvm-sh/nvm/v0.35.3/install.sh | bash
 - a. installs node version manager to be able to change versions
 7. nvm install 16.18.0
 - a. node -v
 - i. to make sure versions match
 8. curl -sSL https://bit.ly/2ysbOFE | bash -s
 - a. to install remaining prerequisites and hyperledger fabric
 9. docker ps
 10. cd fabric-samples
 11. cd bin
 12. pwd
 - a. copy the resulting path
 13. cd out of fabric samples
 14. export PATH=\$PATH:
 - a. after colon paste the path you copied
 - b. for example: export PATH = \$PATH:/home/ubuntu/MEITY/fabric-samples/bin
 15. cd fabric-samples
 16. ls
 - a. make sure test-network is included here
 17. cd test-network
 18. ./network.sh up
 19. docker ps -a
- network is set up

to stop the network:

3. `./network.sh down`
4. `docker ps -a`

to logout at any point: type command **exit**