**Steps to add new organization on a running network**

**1. Creating a new instance on Azure cloud**

1. Login to azure cloud using credentials.
2. Go to my portal. [View screenshot](https://drive.google.com/file/d/1mi_lm0l8n05Ja6UPvxOsZiK2hb08f-st/view?usp=sharing)
3. Click on ‘**Virtual Machines**’
4. Click on **+ Add**.[View screenshot](https://drive.google.com/file/d/1tSKblQgcKZLLKInrAadBRIxwTk7VdBCQ/view?usp=sharing)
5. Select a resource group.If does not exist then create a new resource group.[View screenshot](https://drive.google.com/file/d/1du_hltdd2bK9tyMyc07Ije_mQ2sfzZIK/view?usp=sharing)
6. Enter virtual machine name eg. netdocument.
7. Select a region from dropdown.
8. Select Image as **Ubuntu 16.0 LTS**.
9. Select CPU and memory usage (MIn 2 vcpus & 8 GB RAM)
10. Select authentication type as password.
11. Enter username and password.[View screenshot](https://drive.google.com/file/d/1hSdE4mzyMAuzoMjmwG8UmP7R308TD2J2/view?usp=sharing)
12. Go to “**management”** tab and select diagnostic storage account. If does not exist then create a new one.[View screenshot](https://drive.google.com/file/d/1xSD0Al4JMPjWxC8nLeCYvuz7gF4OvXHJ/view?usp=sharing)
13. Then click “**review and create**”.
14. This will show the review information.
15. Click on create after verifying the all information. It will take few minutes to set up.
16. Go to **dashboard** to see deployed instance.[View screenshot](https://drive.google.com/file/d/1JgltSzx2YObCq9C6wB7xE0czSon_y7pq/view?usp=sharing)
17. Click on newly created instance and view the public ip.
18. Open terminal on your machine and do SSH login by below command from your machine.

ssh <username>@ipaddress

**2. Installing prerequisites**

1. **Install docker by using these commands** 
   1. curl -fsSL https://get.docker.com -o get-docker.sh
   2. sudo sh get-docker.sh
   3. sudo usermod -aG docker $USER
2. **Install go-lang by using these commands** 
   1. wget <https://dl.google.com/go/go1.12.4.linux-amd64.tar.gz>
   2. sudo tar -C /usr/local -xzf go1.12.4.linux-amd64.tar.gz
   3. sudo nano $HOME/.profile
   4. Append this line at bottom **PATH=$PATH:/usr/local/go/bin** , save and exit
   5. source $HOME/.profile.
3. **Install node by using these commands** 
   1. wget -qO- https://raw.githubusercontent.com/creationix/nvm/v0.34.0/install.sh | bash
   2. export NVM\_DIR="$HOME/.nvm" [ -s "$NVM\_DIR/nvm.sh" ] && \. "$NVM\_DIR/nvm.sh" [ -s "$NVM\_DIR/bash\_completion" ] && \. "$NVM\_DIR/bash\_completion"
   3. nvm install 8.11.3
4. **Install python** 
   1. sudo apt-get install python
5. **Install fabric-samples,binaries and docker images**
   1. curl -sSL http://bit.ly/2ysbOFE | bash -s
   2. sudo nano $HOME/.profile
   3. Append this line at bottom **PATH=$PATH:$HOME/fabric-samples/bin**, save and exit
   4. source $HOME/.profile.

**3. Creating crypto material**

1. cd ~/fabric-samples
2. mkdir node-artifacts
3. <https://raw.githubusercontent.com/pankajcheema12/crypto-material/master/general/configtx.yaml>
4. [wget https://raw.githubusercontent.com/pankajcheema12/crypto-material/master/general/configtx.yaml](https://raw.githubusercontent.com/pankajcheema12/crypto-material/master/general/configtx.yaml)
5. Replace Org1 with your company name eg.MyOrg in both **crypto.yaml** and **configtx.yaml**
6. cryptogen generate --config=./crypto.yaml
7. export FABRIC\_CFG\_PATH=$PWD && configtxgen -printOrg MyOrgMSP > ./myorg.json