

```
go
geth --verbosity "0"
geth console
geth --verbosity 5 console 2>>
/home/vurumadl/Desktop/multiN/logfile
```

Competitiveness Skill Portal

```
DOCKER
docker stop $(docker ps -a -q)
docker rm $(docker ps -a -q)
```

```
docker stop $(docker images -a -q)
docker rmi $(docker images -a -q)
https://www.digitalocean.com/community/tutorials/how-to-remove-docker-images-containers-and-volumes
```

```
T24
-----
mani.kandan@capgemini.com -
7092285763
```

```
http://52.18.174.96:8080/R15/servlet/BrowserServlet
INPUT HACKATHON1
Mumbai!23
tem15
123123 123456
VERSION
CUSTOMER,HACK.CUS.TEST
=====
=====
FT.COMMISSION.TYPE
TFLLCHG
TF1511239547
```

```
LC.ACCOUNT.BALANCES
LC.CHARGETYPE
FT.COMMISSION.TYPE
CATEGORY CODE
PL.CATEGORY
```

```
LETTER.OF.CREDIT
CURRENCY
COMPANY
```

BALANCE SHEET = IN T24 REPORT  
THREE TYPES AS BELOW

```
CATEG.ENTRY ---CHARGES ARE TRIGGERED
OR NOT
STMT.ENTRY
SPEC.ENTRY
```

```
TF1511239158
LETTER.OF.CREDIT
```

```
-----
LETTER.OF.CREDIT,IMPSIGHT1
```

```
TF1511262791
```

```
EUR ---->1.062849 USD
AUD ---->0.762001 USD
GBP ---->1.473629 USD
```

check what is base currency for the Company- See the Company table.  
go to currency table- and see the Mid Reval rate  
rate is in USD  
check in what CCY the charges has levied  
calculate

```
excel
-----
get all the characters before :
=LEFT(A1,FIND(":",A1&"")-1)
get all the characters after :
=MID(A1,FIND(":",A1&"")+1,100)
=A1 & B1 like
```

```
get first character from right
=RIGHT(F1,LEN(F1)-1)
```

```
remove first 4 characters in the string
=RIGHT(A1, LEN(A1)-4)
remove white space in a string
=Substitute(A1," ","")
```

```
LOOPBACK
https://loopback.io/doc/en/lb2/Logging-in-users.html
https://api.github.com/users/nsdeo12
login
redirection catch the github id
with the user details

posting request
check who is logged in

logout
Clear the cookie and session id

cd dist
composer network deploy -a my-network.bna -p hlfv1 -i
PeerAdmin -s randomString -A admin -S
disabling explorer
```

```
Security and cURL
$ sudo iptables -L -n
$ sudo iptables-save > firewall.rules
$ sudo iptables -X
$ sudo iptables -t nat -F
$ sudo iptables -t nat -X
$ sudo iptables -t mangle -F
$ sudo iptables -t mangle -X
$ sudo iptables -P INPUT ACCEPT
$ sudo iptables -P INPUT ACCEPT
$ sudo iptables -P OUTPUT ACCEPT
```

```
cURL for ubuntu
https://packages.ubuntu.com/xenial/amd64/curl/download
```

```
Ubuntu
admin/root
-----
sudo su
-----
for following error
(sudo: /etc/sudoers is world writable)
-----
pkexec chmod 0755 /etc/sudoers.d
pkexec chmod 555 /etc/sudoers
pkexec chmod 555 /etc/sudoers.d/README
-----
```

```
to update node
-----
```

```
sudo npm cache clean -f
sudo npm install -g n
sudo n stable
```

```
-----change permission
-----
chmod -R 777 <file/foldername>
```

```
http://localhost:10005/web/letter-of-credit/lcRequest.html
http://localhost:10007/web/letter-of-credit/lcOpen.html#!#%2FicOpen.html
```

```
gradlew clean
gradlew deployNodes --parallel
```

```
-----
http://localhost:10005/api/letter-of-credit/lc-request
http://localhost:10005/api/letter-of-credit/lc-orders
```

```
from iban value get email
http://localhost:10005/api/letter-of-credit/customer/detail/DE89370400440532013000
```

```
-----
{
  "lclId": "LC1836",
  "applicantCustomer": "PartyA",
  "applicantAddress": "PartyB",
  "presentationDays": 8,
  "lcExpiryDate": "2017-01-01",
  "modeOfShipment": "TEST",
  "beneficiaryId": "PartyB",
  "beneficiaryAddress": "India",
  "lcType": "ISU",
  "lcCurrency": "TEST",
  "lcAmount": 10000,
  "lcIssueDate": "2017-01-01",
  "lcExpiryPlace": "India",
  "latestShipmentDate": "0207-01-01",
  "liabilityReversalDate": "2017-01-01",
  "advisingBankId": "1234",
  "applicantBank": "asdas",
  "applicantBankAddress": "asd",
  "advisingBankAddress": "India",
  "formOfDocumentaryCredit": "test",
  "documentaryCreditNumber": "12354",
  "availableWithBy": "testing",
  "forTransportationTo": "testing",
  "descriptionOfGoodsAndOrServices": "testing",
  "additionalConditions": "na",
  "periodForPresentation": 123,
  "advisingThroughBank": "testing",
  "transshipment": "na",
  "onBoardOrDispOrTakingCharge": "na",
  "maximumCreditAmount": "20000",
  "draftsAt": "testing",
  "partialShipments": "na",
  "senderToReceiverInformation": "testing",
  "charges": "na",
  "confirmationInstructions": "na",
  "sequenceOfTotal": "qwe",
  "documentsRequired1": 1,
  "documentsRequired2": 2,
  "documentsRequired3": 0,
  "documentsRequired4": 0,
  "documentsRequired5": 1,
  "documentsRequired6": 0,
  "status": null,
  "ibanNumber": "233"
}
```

```
if( $rootScope.thisNode===$scope.loc.lcorder.advisingBankID){
```

```
http://localhost:10005/api/letter-of-credit/lcreq
```

| METHOD   | TYPE | URL                      | INPUT   | OUTPUT | NA |
|--|------|--------------------------|---------|--------|----|
| getAllLcByStatus                                       | GET  | get-lc-req-status        |         |        |    |
| List Of LetterOfCreditModel with status as "requested" |      |                          |         |        |    |
| updateLcStatus   | PUT  | update-lc-status/{lclId} | {lclId} |        |    |

rate  
rate is in USD  
check in what CCY the charges has levied  
calculate

-----  
MD.DEAL S MD1511244915  
MD.DEAL,GTISS1

no yes no

git  
-----  
git lock remove  
rm -f ./.git/index.lock

Jump box: 52.17.198.69  
Username: Administrator  
Password: a\$ZscX\$Nd

<http://localhost:10005/api/letter-of-credit/lc-open> - post

<http://localhost:10005/api/letter-of-credit/lc-orders> - get

<http://localhost:10007/api/letter-of-credit/lc-approve> -  
post

<http://localhost:10005/api/letter-of-credit/lc-amend> -  
post

<http://localhost:10005/api/letter-of-credit/lcamendreq> -  
get

[http://localhost:10005/api/letter-of-credit/employee-lc-  
orders/lcid](http://localhost:10005/api/letter-of-credit/employee-lc-orders/lcid) - get

Json:  
{  
 "additionalConditions": "asdf",  
 "advisingBankAddress": "Rathausstrae 1, 04416  
Markkleeberg, Germany",  
 "advisingBankID": "DEUTSCHEBANK",  
 "advisingThroughBank": "asdf",  
 "amendData": null,  
 "applicantAddress": "Rue du Cornet 6 B-4800  
VERVIERS BELGIUM",  
 "applicantBank": "KBC",  
 "applicantBankAddress": "Havenlaan 2 -1080 Brussels",  
 "applicantCustomer": "PAUL",  
 "availableWithBy": "asdf",  
 "beneficiaryAddress": "Schulstrasse 4 32547 Bad  
Oyenhausen GERMANY",  
 "beneficiaryId": "HANS",  
 "charges": "asf",  
 "confirmationInstructions": "CONFIRM",  
 "descriptionOfGoodsAndOrServices": "asdf",  
 "documentaryCreditNumber": "asdf",  
 "documentsRequired1": 1,  
 "documentsRequired2": 1,  
 "documentsRequired3": 1,  
 "documentsRequired4": 1,  
 "documentsRequired5": 1,  
 "documentsRequired6": 1,  
 "draftsAt": "SIGHT",  
 "forTransportationTo": "asdf",  
 "formofDocumentaryCredit": "asdf",  
 "ibanNumber": "DE89370400440532013000",  
 "incoTerms": "DAF-Delivered at Frontier",  
 "latestShipmentDate": "3/15/2017",

fabric multiOrg

[https://www.skript.com/svr/setting-up-a-  
blockchain-business-network-with-hyperledger-  
fabric-and-composer-running-in-multiple-physical-  
machine/](https://www.skript.com/svr/setting-up-a-blockchain-business-network-with-hyperledger-fabric-and-composer-running-in-multiple-physical-machine/)

hyperledger  
10.76.122.66  
rm -rf /var/hyperledger/production

ps:process snapshot

cd /d/  
docker stop \$(docker ps -a -q)  
docker rm \$(docker ps -a -q)

docker stop \$(docker images -a -q)  
docker rmi \$(docker images -a -q)

docker ps -aq | xargs docker rm -f  
docker images -aq | xargs docker rmi -f  
git clone [https://github.com/IBM-Blockchain/fabric-  
images.git](https://github.com/IBM-Blockchain/fabric-images.git)

-----  
removing docker machin  
docker-machine rm default  
removing all stopped containers  
docker system prune

composer version  
++++++  
npm install -g composer-cli@0.16.3

npm install -g composer-rest-server@0.16.3

npm install -g generator-hyperledger-  
composer@0.16.3  
[https://github.com/miguelgrinberg/Flask-  
HTTPAuth/issues/14](https://github.com/miguelgrinberg/Flask-HTTPAuth/issues/14)

API world  
finicity  
pactsafe(legal data analytics)  
strongloop(IBM) for npm  
netapp  
pulzsystems(US Gov IOT)  
pubnub API for new app  
qlik (visual data analytics)  
traitify  
[http://epaperbeta.timesofindia.com/Article.aspx  
?eid=31815&articlexml=Block-by-  
Block-07052017009011](http://epaperbeta.timesofindia.com/Article.aspx?eid=31815&articlexml=Block-by-Block-07052017009011)

upgrade node install chocolatory  
-----  
@ "%SystemRoot%\System32\WindowsPowerShell\v1.0  
&powershell.exe" -NoProfile -InputFormat None -  
ExecutionPolicy Bypass -Command "iex ((New-Object  
System.Net.WebClient).DownloadString('https://chocolatey.  
org/install.ps1'))" && SET "PATH=%PATH%;%  
ALLUSERSPROFILE%\chocolatey\bin"

| METHOD                    | TYPE | URL   | INPUT   | OUTPUT                                 |
|---------------------------|------|---|---|--|
| getAllCByStatus           | GET  | get-lc-req-status   | NA  |  |
|                           |      | List Of LetterOfCreditModel with status as "requested"          |   |  |
| updateLcStatus            | PUT  | update-lc-status/{lcid}   | lcid  | Updates<br>SUCCESS or FAILURE          |
| getCounterBankCustomer    | GET  | othercustomer   | NA  |  |
|                           |      | Returns Coustomers from other bank                              |   |  |
| getCustomerDetailsByldGET | GET  | customer/detail/{id}  | {name}  |  |
|                           |      | customer name Returns Coustomer                                 |   |  |
| getCustomerDetails        | GET  | customer/detail/{iban}  | ibanno  |  |
|                           |      | Returns Coustomer   |   |  |
| loginEmployee             | GET  | employee/{email}  | email   |  |
|                           |      | Validates Login and Responds with name if SUCCESS or<br>FAILURE |   |  |
| loginCustomer             | GET  | customer/{email}  | email   |  |
|                           |      | Validates Login and Responds with name if SUCCESS or<br>FAILURE |   |  |
| getLcReqByld              | GET  | lcreq/{lcid}  | lcid  |  |
|                           |      | LetterOfCreditModel   |   |  |
| getAllLcReq               | GET  | lcreq   |   | All Records for<br>LetterOfCreditModel |
| insertLcReq               | POST | lcreq   | LetterOfCreditDbModel                             |  |
|                           |      | SUCCESS/FAILURE   |   |  |
| getTime                   | GET  | lcRequestID   |   | current time in<br>millis              |
| showLcToCustomer          | GET  | get-customer-lc/{name}  | name as<br>applicant name Lc object for that user |  |
| openLC                    | POST | lc-open/{party}   | LetterOfCreditModel                               |  |
| lcOrder,String partyName  |      |   | SUCCESS/FAILURE                                   |  |
| approveLC                 | POST | lc-approve/{party}  |   |  |
|                           |      | LetterOfCreditModel lcOrder,String partyName                    |   |  |
|                           |      | SUCCESS/FAILURE   |   |  |

removing security...  
rm -rf /var/hyperledger/production  
GRANT ALL PRIVILEGES ON \*.\* TO 'root'@'192.168.99.100'  
IDENTIFIED BY 'admin';

rem Open TCP Port 80 inbound and outbound  
nethsh advfirewall firewall add rule name="Zoo TCP Port 80" dir=in  
action=allow protocol=TCP localport=80

excelity-hrworksways  
<https://ess.excelityglobal.com/index.jsp>  
0028085863

Junani@1  
[https://unifiedportal-  
mem.epfindia.gov.in/memberinterface/](https://unifiedportal-mem.epfindia.gov.in/memberinterface/)

100940243532  
pf>>  
MH/PUN/31643/EXM/215051  
eps>>  
PUPUN003164300E0160076

<https://clarity.fs.capgemini.com/>

Meeting room  
<http://mrm.capgemini.com/AspxPages/FrmHome.aspx>

1. Install Multi-Org Set up using Hyper ledger  
Composer v17.x(Fabric v1.1) on a Single Server (different  
docker instances)
2. Install Multi-Org Set up using Hyper ledger  
Composer v17.x(Fabric v1.1) on a Two or More Servers.
3. create single org multiuser
4. enrol users to the org
5. using UI
6. authenticate the user to the org
7. multiorg setup
8. identity map externally

```
"lcAmount":1234,
"lcCurrency":"USD",
"lcExpiryDate":"3/15/2017",
"lcExpiryPlace":"asdf",
"lcId":"LC-1488798804639",
"lcIssueDate":"3/6/2017",
"lcReqId":"LC-REQ-1488798632464",
"lcType":"SIGHT",
"liabilityReversalDate":"3/15/2017",
"maximumCreditAmount":"NOT EXCEEDING",
"modeOfShipment":"Land",
"partialShipments":"ALLOWED",
"periodForPresentation":"asdf",
"portofLoading":"asdf",
"senderToReceiverInformation":"asdf",
"sequenceOfTotal":"1234",
"shipmentPeriod":1,
"transshipment":"ALLOWED"
}
```