root@10.68.252.225's password:

Last login: Thu Apr 18 16:27:04 2019 from 10.68.198.71

[root@bc-stag-node1 ~]# cd node

-bash: cd: node: No such file or directory

[root@bc-stag-node1 ~]# node -v

v8.9.0

[root@bc-stag-node1 ~]# df -kh

Filesystem Size Used Avail Use% Mounted on

/dev/mapper/rhel-root 49G 22G 27G 45% /

devtmpfs 7.8G 0 7.8G 0% /dev

tmpfs 7.8G 84K 7.8G 1% /dev/shm

tmpfs 7.8G 762M 7.1G 10% /run

tmpfs 7.8G 0 7.8G 0% /sys/fs/cgroup

/dev/sda1 497M 157M 341M 32% /boot

/dev/mapper/rhel-home 24G 42M 24G 1% /home

172.22.204.11:/vol\_blockchain\_node1 2.0T 67G 2.0T 4% /node1\_stag\_nas

tmpfs 1.6G 16K 1.6G 1% /run/user/42

tmpfs 1.6G 0 1.6G 0% /run/user/0

[root@bc-stag-node1 ~]# pwd

/root

[root@bc-stag-node1 ~]# cd..

bash: cd..: command not found...

[root@bc-stag-node1 ~]# cd ..

[root@bc-stag-node1 /]# cd /node1\_stag\_nas/

[root@bc-stag-node1 node1\_stag\_nas]# ls

Bhamashah Migration multichain\_data\_backup oracle\_client

citizen\_profi multichain.conf multichain\_storage

citizen\_profile multichain\_data node

[root@bc-stag-node1 node1\_stag\_nas]# chmod 777 -R Migration/

[root@bc-stag-node1 node1\_stag\_nas]# ls

Bhamashah Migration multichain\_data\_backup oracle\_client

citizen\_profi multichain.conf multichain\_storage

citizen\_profile multichain\_data node

[root@bc-stag-node1 node1\_stag\_nas]# cd Migration/

[root@bc-stag-node1 Migration]# ls

Raj\_Blockchain\_Citizen\_Data\_stage\_9

[root@bc-stag-node1 Migration]# cd Raj\_Blockchain\_Citizen\_Data\_stage\_9/

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]# node CitizenProfileDat aMigration\_9.js

(node:1645) UnhandledPromiseRejectionWarning: Unhandled promise rejection (rejec tion id: 1): Error: DPI-1047: Cannot locate a 64-bit Oracle Client library: "lib clntsh.so: cannot open shared object file: No such file or directory". See https ://oracle.github.io/odpi/doc/installation.html#linux for help

Node-oracledb installation instructions: https://oracle.github.io/node-oracledb/ INSTALL.html

You must have 64-bit Oracle client libraries in LD\_LIBRARY\_PATH, or configured w ith ldconfig.

If you do not have Oracle Database on this computer, then install the Instant Cl ient Basic or Basic Light package from

http://www.oracle.com/technetwork/topics/linuxx86-64soft-092277.html

(node:1645) [DEP0018] DeprecationWarning: Unhandled promise rejections are depre cated. In the future, promise rejections that are not handled will terminate the Node.js process with a non-zero exit code.

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]# npm install node-oracl edb

npm ERR! code E404

npm ERR! 404 Not Found: node-oracledb@latest

npm ERR! A complete log of this run can be found in:

npm ERR! /root/.npm/\_logs/2019-04-18T12\_27\_45\_319Z-debug.log

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]# sudo npm install node- oracledb

sudo: npm: command not found

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]# npm install node-oracl edb

npm ERR! code E404

npm ERR! 404 Not Found: node-oracledb@latest

npm ERR! A complete log of this run can be found in:

npm ERR! /root/.npm/\_logs/2019-04-18T12\_28\_14\_489Z-debug.log

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]#

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]#

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]# npm ERR! A complete lo g of this run can be found in:

Usage: npm <command>

where <command> is one of:

access, adduser, bin, bugs, c, cache, completion, config,

ddp, dedupe, deprecate, dist-tag, docs, doctor, edit,

explore, get, help, help-search, i, init, install,

install-test, it, link, list, ln, login, logout, ls,

outdated, owner, pack, ping, prefix, profile, prune,

publish, rb, rebuild, repo, restart, root, run, run-script,

s, se, search, set, shrinkwrap, star, stars, start, stop, t,

team, test, token, tst, un, uninstall, unpublish, unstar,

up, update, v, version, view, whoami

npm <command> -h quick help on <command>

npm -l display full usage info

npm help <term> search for help on <term>

npm help npm involved overview

Specify configs in the ini-formatted file:

/root/.npmrc

or on the command line via: npm <command> --key value

Config info can be viewed via: npm help config

npm@5.5.1 /usr/local/lib/node/nodejs/lib/node\_modules/npm

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]# npm ERR! /root/.np m/\_logs/2019-04-18T12\_28\_14\_489Z-debug.log

Usage: npm <command>

where <command> is one of:

access, adduser, bin, bugs, c, cache, completion, config,

ddp, dedupe, deprecate, dist-tag, docs, doctor, edit,

explore, get, help, help-search, i, init, install,

install-test, it, link, list, ln, login, logout, ls,

outdated, owner, pack, ping, prefix, profile, prune,

publish, rb, rebuild, repo, restart, root, run, run-script,

s, se, search, set, shrinkwrap, star, stars, start, stop, t,

team, test, token, tst, un, uninstall, unpublish, unstar,

up, update, v, version, view, whoami

npm <command> -h quick help on <command>

npm -l display full usage info

npm help <term> search for help on <term>

npm help npm involved overview

Specify configs in the ini-formatted file:

/root/.npmrc

or on the command line via: npm <command> --key value

Config info can be viewed via: npm help config

npm@5.5.1 /usr/local/lib/node/nodejs/lib/node\_modules/npm

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]# [root@bc-stag-node1 Ra j\_Blockchain\_Citizen\_Data\_stage\_9]#

bash: [root@bc-stag-node1: command not found...

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]# [root@bc-stag-node1 Ra j\_Blockchain\_Citizen\_Data\_stage\_9]#

bash: [root@bc-stag-node1: command not found...

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]# pwd

/node1\_stag\_nas/Migration/Raj\_Blockchain\_Citizen\_Data\_stage\_9

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]# cd ..

[root@bc-stag-node1 Migration]# cd..

bash: cd..: command not found...

[root@bc-stag-node1 Migration]# cd ..

[root@bc-stag-node1 node1\_stag\_nas]# cd ..

[root@bc-stag-node1 /]# pwd

/

[root@bc-stag-node1 /]# cd opt

[root@bc-stag-node1 opt]# pwd

/opt

[root@bc-stag-node1 opt]# cd oracle

[root@bc-stag-node1 oracle]# unzip instantclient-basic-linux.x64-18.3.0.0.0dbru. zip

unzip: cannot find or open instantclient-basic-linux.x64-18.3.0.0.0dbru.zip, in stantclient-basic-linux.x64-18.3.0.0.0dbru.zip.zip or instantclient-basic-linux. x64-18.3.0.0.0dbru.zip.ZIP.

[root@bc-stag-node1 oracle]# unzip instantclient-basic-linux.x64-18.5.0.0.0dbru. zip

Archive: instantclient-basic-linux.x64-18.5.0.0.0dbru.zip

inflating: instantclient\_18\_5/adrci

inflating: instantclient\_18\_5/BASIC\_LICENSE

inflating: instantclient\_18\_5/BASIC\_README

inflating: instantclient\_18\_5/genezi

inflating: instantclient\_18\_5/libclntshcore.so.18.1

linking: instantclient\_18\_5/libclntsh.so -> libclntsh.so.18.1

inflating: instantclient\_18\_5/libclntsh.so.18.1

inflating: instantclient\_18\_5/libipc1.so

inflating: instantclient\_18\_5/libmql1.so

inflating: instantclient\_18\_5/libnnz18.so

linking: instantclient\_18\_5/libocci.so -> libocci.so.18.1

inflating: instantclient\_18\_5/libocci.so.18.1

inflating: instantclient\_18\_5/libociei.so

inflating: instantclient\_18\_5/libocijdbc18.so

inflating: instantclient\_18\_5/libons.so

inflating: instantclient\_18\_5/liboramysql18.so

creating: instantclient\_18\_5/network/

inflating: instantclient\_18\_5/ojdbc8.jar

inflating: instantclient\_18\_5/ucp.jar

inflating: instantclient\_18\_5/uidrvci

inflating: instantclient\_18\_5/xstreams.jar

creating: instantclient\_18\_5/network/admin/

inflating: instantclient\_18\_5/network/admin/README

finishing deferred symbolic links:

instantclient\_18\_5/libclntsh.so -> libclntsh.so.18.1

instantclient\_18\_5/libocci.so -> libocci.so.18.1

[root@bc-stag-node1 oracle]# cd /opt/oracle/instantclient\_12\_2

-bash: cd: /opt/oracle/instantclient\_12\_2: No such file or directory

[root@bc-stag-node1 oracle]# cd instantclient\_18\_5/

[root@bc-stag-node1 instantclient\_18\_5]# ln -s libclntsh.so.12.1 libclntsh.so

ln: failed to create symbolic link ‘libclntsh.so’: File exists

[root@bc-stag-node1 instantclient\_18\_5]# ln -s libocci.so.12.1 libocci.so

ln: failed to create symbolic link ‘libocci.so’: File exists

[root@bc-stag-node1 instantclient\_18\_5]# sudo yum install libaio

Loaded plugins: langpacks, product-id, search-disabled-repos, subscription-

: manager

This system is registered to Red Hat Subscription Management, but is not receivi ng updates. You can use subscription-manager to assign subscriptions.

There are no enabled repos.

Run "yum repolist all" to see the repos you have.

You can enable repos with yum-config-manager --enable <repo>

[root@bc-stag-node1 instantclient\_18\_5]# sudo sh -c "echo /opt/oracle/instantcl ient\_18\_3 > \

> sudo sh -c "echo /opt/oracle/instantclient\_18\_5 >

-bash: syntax error near unexpected token `newline'

[root@bc-stag-node1 instantclient\_18\_5]# sudo sh -c "echo /opt/oracle/instantcl ient\_18\_3 > \

sudo sh -c "echo /opt/oracle/instantclient\_18\_5 >

-bash: syntax error near unexpected token `newline'

[root@bc-stag-node1 instantclient\_18\_5]# sudo sh -c "echo /opt/oracle/instantcli ent\_18\_5 > \

> /etc/ld.so.conf.d/oracle-instantclient.conf"

[root@bc-stag-node1 instantclient\_18\_5]# sudo ldconfig

[root@bc-stag-node1 instantclient\_18\_5]# export PATH=/opt/oracle/instantclient\_1 8\_5:$PATH

[root@bc-stag-node1 instantclient\_18\_5]# pwd

/opt/oracle/instantclient\_18\_5

[root@bc-stag-node1 instantclient\_18\_5]# cd ..

[root@bc-stag-node1 oracle]# cd ..

[root@bc-stag-node1 opt]# cd ..

[root@bc-stag-node1 /]# pwd

/

[root@bc-stag-node1 /]# cd /var/migration

-bash: cd: /var/migration: No such file or directory

[root@bc-stag-node1 /]# ps - ax | grep node

error: garbage option

Usage:

ps [options]

Try 'ps --help <simple|list|output|threads|misc|all>'

or 'ps --help <s|l|o|t|m|a>'

for additional help text.

For more details see ps(1).

[root@bc-stag-node1 /]# pwd

/

[root@bc-stag-node1 /]# cd node1\_stag\_nas/

[root@bc-stag-node1 node1\_stag\_nas]# ls -a

. citizen\_profile multichain\_data node

.. .cli\_history multichain\_data\_backup oracle\_client

Bhamashah Migration .multichain\_storage .snapshot

citizen\_profi multichain.conf multichain\_storage

[root@bc-stag-node1 node1\_stag\_nas]# cd multichain\_data

[root@bc-stag-node1 multichain\_data]# ls -a

. .. .multichain

[root@bc-stag-node1 multichain\_data]# cd .multichain/

[root@bc-stag-node1 .multichain]# ls

Bhamashah citizen\_profile datadir=.. ehr\_chain multichain.conf

[root@bc-stag-node1 .multichain]# cd citizen\_profile/

[root@bc-stag-node1 citizen\_profile]# ls

blocks debug.log multichain.conf peers.dat wallet

chainstate entities.dat multichain.pid permissions.dat wallet.dat

database entities.db params.dat permissions.db

db.log fee\_estimates.dat params.dat.bak permissions.log

[root@bc-stag-node1 citizen\_profile]# nano multichain.conf

[root@bc-stag-node1 citizen\_profile]# cd ..

[root@bc-stag-node1 .multichain]# ls

Bhamashah citizen\_profile datadir=.. ehr\_chain multichain.conf

[root@bc-stag-node1 .multichain]# cd ..

[root@bc-stag-node1 multichain\_data]# ls

[root@bc-stag-node1 multichain\_data]# cd ..

[root@bc-stag-node1 node1\_stag\_nas]# pwd

/node1\_stag\_nas

[root@bc-stag-node1 node1\_stag\_nas]# cd Migration/

[root@bc-stag-node1 Migration]# ls

Raj\_Blockchain\_Citizen\_Data\_stage\_9

[root@bc-stag-node1 Migration]# cd Raj\_Blockchain\_Citizen\_Data\_stage\_9/

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]# ls

access.log CitizenProfileDataMigration\_9.js node\_modules README.md

app.js config package.json sdk

app.log errors.log package-lock.json

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]# export NODE\_ENV='stagg ingdb'

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]# node CitizenProfileDat aMigration\_9.js

login as: root

root@10.68.252.225's password:

Last login: Thu Apr 18 16:27:04 2019 from 10.68.198.71

[root@bc-stag-node1 ~]# cd node

-bash: cd: node: No such file or directory

[root@bc-stag-node1 ~]# node -v

v8.9.0

[root@bc-stag-node1 ~]# df -kh

Filesystem Size Used Avail Use% Mounted on

/dev/mapper/rhel-root 49G 22G 27G 45% /

devtmpfs 7.8G 0 7.8G 0% /dev

tmpfs 7.8G 84K 7.8G 1% /dev/shm

tmpfs 7.8G 762M 7.1G 10% /run

tmpfs 7.8G 0 7.8G 0% /sys/fs/cgroup

/dev/sda1 497M 157M 341M 32% /boot

/dev/mapper/rhel-home 24G 42M 24G 1% /home

172.22.204.11:/vol\_blockchain\_node1 2.0T 67G 2.0T 4% /node1\_stag\_nas

tmpfs 1.6G 16K 1.6G 1% /run/user/42

tmpfs 1.6G 0 1.6G 0% /run/user/0

[root@bc-stag-node1 ~]# pwd

/root

[root@bc-stag-node1 ~]# cd..

bash: cd..: command not found...

[root@bc-stag-node1 ~]# cd ..

[root@bc-stag-node1 /]# cd /node1\_stag\_nas/

[root@bc-stag-node1 node1\_stag\_nas]# ls

Bhamashah Migration multichain\_data\_backup oracle\_client

citizen\_profi multichain.conf multichain\_storage

citizen\_profile multichain\_data node

[root@bc-stag-node1 node1\_stag\_nas]# chmod 777 -R Migration/

[root@bc-stag-node1 node1\_stag\_nas]# ls

Bhamashah Migration multichain\_data\_backup oracle\_client

citizen\_profi multichain.conf multichain\_storage

citizen\_profile multichain\_data node

[root@bc-stag-node1 node1\_stag\_nas]# cd Migration/

[root@bc-stag-node1 Migration]# ls

Raj\_Blockchain\_Citizen\_Data\_stage\_9

[root@bc-stag-node1 Migration]# cd Raj\_Blockchain\_Citizen\_Data\_stage\_9/

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]# node CitizenProfileDat aMigration\_9.js

(node:1645) UnhandledPromiseRejectionWarning: Unhandled promise rejection (rejec tion id: 1): Error: DPI-1047: Cannot locate a 64-bit Oracle Client library: "lib clntsh.so: cannot open shared object file: No such file or directory". See https ://oracle.github.io/odpi/doc/installation.html#linux for help

Node-oracledb installation instructions: https://oracle.github.io/node-oracledb/ INSTALL.html

You must have 64-bit Oracle client libraries in LD\_LIBRARY\_PATH, or configured w ith ldconfig.

If you do not have Oracle Database on this computer, then install the Instant Cl ient Basic or Basic Light package from

http://www.oracle.com/technetwork/topics/linuxx86-64soft-092277.html

(node:1645) [DEP0018] DeprecationWarning: Unhandled promise rejections are depre cated. In the future, promise rejections that are not handled will terminate the Node.js process with a non-zero exit code.

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]# npm install node-oracl edb

npm ERR! code E404

npm ERR! 404 Not Found: node-oracledb@latest

npm ERR! A complete log of this run can be found in:

npm ERR! /root/.npm/\_logs/2019-04-18T12\_27\_45\_319Z-debug.log

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]# sudo npm install node- oracledb

sudo: npm: command not found

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]# npm install node-oracl edb

npm ERR! code E404

npm ERR! 404 Not Found: node-oracledb@latest

npm ERR! A complete log of this run can be found in:

npm ERR! /root/.npm/\_logs/2019-04-18T12\_28\_14\_489Z-debug.log

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]#

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]#

[root@bc-stag-node1 Raj\_Blockchain\_Citizen\_Data\_stage\_9]# npm ERR! A complete lo g of this run can be found in:

Usage: npm <command>

where <command> is one of:

access, adduser, bin, bugs, c, cache, completion, config,

ddp, dedupe, deprecate, dist-tag, docs, doctor, edit,

explore, get, help, help-search, i, init, install,

install-test, it, link, list, ln, login, logout, ls,

outdated, owner, pack, ping, prefix, profile, prune,

publish, rb, rebuild, repo, restart, root, run, run-script,

s, 0 'batch:' 7606 '===>' 0

1 'batch:' 7606 '===>' 1

2 'batch:' 7606 '===>' 2

3 'batch:' 7606 '===>' 3

4 'batch:' 7606 '===>' 4

5 'batch:' 7606 '===>' 5

6 'batch:' 7606 '===>' 6

7 'batch:' 7606 '===>' 7

8 'batch:' 7606 '===>' 8