Testing_Report-2

stepTransferToeonioBlkpay

```
1  bios-boot-tutorial.py: ../../build/programs/cleon/cleon --wallet-url
   http://127.0.0.1:6666 --url http://127.0.0.1:8000 transfer eonio
   eonio.blkpay "1000.0000 EON"
2  executed transaction:
   10ffa838bc8203e1b35afce8e87d2f5bbca9068d56af8a667582f5429ae33f0e  128
   bytes  204 us
3  #   eonio.token <= eonio.token::transfer
   {"from":"eonio","to":"eonio.blkpay","quantity":"1000.0000 EON","memo":""}
4  #         eonio <= eonio.token::transfer
   {"from":"eonio","to":"eonio.blkpay","quantity":"1000.0000 EON","memo":""}
5  #  eonio.blkpay <= eonio.token::transfer
   {"from":"eonio","to":"eonio.blkpay","quantity":"1000.0000 EON","memo":""}
```

stepSetSystemContract

```
1  bios-boot-tutorial.py: ../../build/programs/cleon/cleon --wallet-url
   http://127.0.0.1:6666 --url http://127.0.0.1:8000 set contract eonio
   ../../../eonio.contracts/build/contracts/eonio.system/
4  Reading WASM from
   /home/zmao/Desktop/dimenstion/eonio.contracts/build/contracts/eonio.system
   /eonio.system.wasm...
5  Publishing contract...
6  executed transaction:
   8b7bdedebbfa2c09af5add6c33bcffb8d049ff0890624474ada0dadf5799286e  79376
   bytes  15204 us
7  #         eonio <= eonio::setcode
    {"account":"eonio","vmtype":0,"vmversion":0,"code":"0061736d0100000001a30
   33c60037f7e7f0060067f7e7e7f...
8  #         eonio <= eonio::setabi
   {"account":"eonio","abi":"0e656f73696f3a3a6162692f312e31005b086162695f6861
   73680002056f776e6572046e61...
9  sleep 1 ...
10 resume
11 bios-boot-tutorial.py: ../../build/programs/cleon/cleon --wallet-url
   http://127.0.0.1:6666 --url http://127.0.0.1:8000 push action eonio
   setpriv '["eonio.msig", 1]' -p eonio@active
12 executed transaction:
   382ac3693bee1697dd62e424d797e2ba0cb09a8d3f210d7174c1af3239ccf030  104
   bytes  321 us
```

stepInitSystemContract

```
1  bios-boot-tutorial.py: ../../build/programs/cleon/cleon --wallet-url
   http://127.0.0.1:6666 --url http://127.0.0.1:8000 push action eonio init
   '["0", "4,EON"]' -p eonio@active
2  executed transaction:
   ce28bbb0cd8293a42d85e90bee79fa0579a067078e0b9b8238ac1b6e2d73e397  104
   bytes  338 us
3  #          eonio <= eonio::init
   {"version":0,"core":"4,EON"}
4  #    eonio.token <= eonio.token::open
   {"owner":"eonio.rex","symbol":"4,EON","ram_payer":"eonio"}
```

stepCreateStakedAccounts

```
1  ##########################################################################
   ######
2  # 0/57 useraaaaaaaa 240607541.8177 EON
3  ##########################################################################
   ######
4  useraaaaaaaa: total funds=240607541.8177 EON, ram=0.1000 EON,
   net=120303765.8588 EON, cpu=120303765.8589 EON, unstaked=10.0000 EON
5  bios-boot-tutorial.py: ../../build/programs/cleon/cleon --wallet-url
   http://127.0.0.1:6666 --url http://127.0.0.1:8000 system newaccount --
   transfer eonio useraaaaaaaa
   eon69X3383RzBZj41k73CSjUNXM5MYGpnDxyPnWUKPEtYQmTBWz4D --stake-net
   "120303765.8588 EON" --stake-cpu "120303765.8589 EON" --buy-ram "0.1000
   EON"
6  executed transaction:
   fd45549141f2842cebfd7bda87f44be35b126bdd8d1087c02b0a17ac4b537233  344
   bytes  1016 us
7  #          eonio <= eonio::newaccount
   {"creator":"eonio","name":"useraaaaaaaa","owner":{"threshold":1,"keys":
   [{"key":"eon69X3383RzBZj41k73...
8  #          eonio <= eonio::buyram
   {"payer":"eonio","receiver":"useraaaaaaaa","quant":"0.1000 EON"}
9  #    eonio.token <= eonio.token::transfer
   {"from":"eonio","to":"eonio.ram","quantity":"0.0995 EON","memo":"buy ram"}
10 #          eonio <= eonio.token::transfer
   {"from":"eonio","to":"eonio.ram","quantity":"0.0995 EON","memo":"buy ram"}
11 #      eonio.ram <= eonio.token::transfer
   {"from":"eonio","to":"eonio.ram","quantity":"0.0995 EON","memo":"buy ram"}
12 #    eonio.token <= eonio.token::transfer
   {"from":"eonio","to":"eonio.ramfee","quantity":"0.0005 EON","memo":"ram
   fee"}
13 #          eonio <= eonio.token::transfer
   {"from":"eonio","to":"eonio.ramfee","quantity":"0.0005 EON","memo":"ram
   fee"}
```

```
14  #  eonio.ramfee <= eonio.token::transfer
    {"from":"eonio","to":"eonio.ramfee","quantity":"0.0005 EON","memo":"ram
    fee"}
15  #         eonio <= eonio::delegatebw
    {"from":"eonio","receiver":"useraaaaaaaa","stake_net_quantity":"120303765.
    8588 EON","stake_cpu_quant...
16  #   eonio.token <= eonio.token::transfer
    {"from":"eonio","to":"eonio.stake","quantity":"240607531.7177
    EON","memo":"stake bandwidth"}
17  #         eonio <= eonio.token::transfer
    {"from":"eonio","to":"eonio.stake","quantity":"240607531.7177
    EON","memo":"stake bandwidth"}
18  #   eonio.stake <= eonio.token::transfer
    {"from":"eonio","to":"eonio.stake","quantity":"240607531.7177
    EON","memo":"stake bandwidth"}
19  ......
```

stepStartProducers

```
1  bios-boot-tutorial.py: rm -rf ./nodes/01-producer111a/
2  bios-boot-tutorial.py: mkdir -p ./nodes/01-producer111a/
3  bios-boot-tutorial.py: ../../build/programs/nodeon/nodeon    --max-
   irreversible-block-age -1    --contracts-console    --genesis-json
   /home/zmao/Desktop/dimenstion/dimension/tutorials/bios-boot-
   tutorial/genesis.json    --blocks-dir
   /home/zmao/Desktop/dimenstion/dimension/tutorials/bios-boot-
   tutorial/nodes/01-producer111a/blocks    --config-dir
   /home/zmao/Desktop/dimenstion/dimension/tutorials/bios-boot-
   tutorial/nodes/01-producer111a    --data-dir
   /home/zmao/Desktop/dimenstion/dimension/tutorials/bios-boot-
   tutorial/nodes/01-producer111a    --chain-state-db-size-mb 1024    --
   access-control-allow-origin '*'    --http-server-address 0.0.0.0:8001    -
   -p2p-listen-endpoint 0.0.0.0:9001    --max-clients 17    --p2p-max-nodes-
   per-host 17    --enable-stale-production    --producer-name producer111a
     --private-key
   '["eon8imf2TDq6FKtLZ8mvXPWcd6EF2rQwo8zKdLNzsbU9EiMSt9Lwz","5KLGj1HGRWbk5xN
   moKfrcrQHXvcVJBPdAckoiJgFftXSJjLPp7b"]'    --plugin eonio::http_plugin
   --plugin eonio::chain_api_plugin    --plugin eonio::producer_plugin    --
   p2p-peer-address localhost:9000    2>>./nodes/01-producer111a/stderr
4  ......
```

stepStakeGnodes

```
1  bios-boot-tutorial.py: ../../build/programs/cleon/cleon --wallet-url
   http://127.0.0.1:6666 --url http://127.0.0.1:8000 system staketognode
   producer111a eon8imf2TDq6FKtLZ8mvXPWcd6EF2rQwo8zKdLNzsbU9EiMSt9Lwz
   https://producer111a.com/eon8imf2TDq6FKtLZ8mvXPWcd6EF2rQwo8zKdLNzsbU9EiMSt
   9Lwz
```

```
2  executed transaction:
   d6aefdc013263f3e7a16e273b835586e17cf18162b3cc333ec321689258639e4  216
   bytes  1216 us
3  #         eonio <= eonio::staketognode
   {"owner":"producer111a","producer_key":"eon8imf2TDq6FKtLZ8mvXPWcd6EF2rQwo8
   zKdLNzsbU9EiMSt9Lwz","url"...
4  #    eonio.token <= eonio.token::transfer
   {"from":"producer111a","to":"eonio.bpstk","quantity":"1.0000
   EON","memo":"stake 1.0000 EON to govern...
5  #  producer111a <= eonio.token::transfer
   {"from":"producer111a","to":"eonio.bpstk","quantity":"1.0000
   EON","memo":"stake 1.0000 EON to govern...
6  #    eonio.bpstk <= eonio.token::transfer
   {"from":"producer111a","to":"eonio.bpstk","quantity":"1.0000
   EON","memo":"stake 1.0000 EON to govern...
7  ......
```

stepNewProposals

```
1  bios-boot-tutorial.py: ../../build/programs/cleon/cleon --wallet-url
   http://127.0.0.1:6666 --url http://127.0.0.1:8000 system newproposal
   producer111a producer111a 100000 1 0
2  executed transaction:
   9210948d77a3249dc833fc5b4393ed388d42ba724adeb081788f4b32940f900d  120
   bytes  459 us
3  #         eonio <= eonio::newproposal
    {"owner":"producer111a","account":"producer111a","block_height":100000,"t
   ype":1,"status":0}
4  #    eonio.token <= eonio.token::transfer
   {"from":"producer111a","to":"eonio.prop","quantity":"1.5000
   EON","memo":"transfer 1.5000 EON to new ...
5  #  producer111a <= eonio.token::transfer
   {"from":"producer111a","to":"eonio.prop","quantity":"1.5000
   EON","memo":"transfer 1.5000 EON to new ...
6  #     eonio.prop <= eonio.token::transfer
   {"from":"producer111a","to":"eonio.prop","quantity":"1.5000
   EON","memo":"transfer 1.5000 EON to new ...
7  ......
```

stepVoteProposals

```
1  bios-boot-tutorial.py: ../../build/programs/cleon/cleon --wallet-url
   http://127.0.0.1:6666 --url http://127.0.0.1:8000 system voteproposal
   useraaaaaaaa 0 1
2  executed transaction:
   73781799df716481a6e2fed50bfce42da6b89fe218fbbd80075f1f6bb4b40bc4  112
   bytes  297 us
3  #         eonio <= eonio::voteproposal
   {"voter_name":"useraaaaaaaa","proposal_id":0,"yea":1}
```

```
4  ......
```

stepExecProposals

```
1  bios-boot-tutorial.py: ../../build/programs/cleon/cleon --wallet-url
   http://127.0.0.1:6666 --url http://127.0.0.1:8000 system execproposal
   producer111a 0
2  executed transaction:
   0f5813889f13f4fbf68367d59cdd60a3134221818b7bccce17e34ce3897777a3   112
   bytes   2770 us
3  #         eonio <= eonio::execproposal
   {"owner":"producer111a","proposal_id":0}
4  ......
```

claimRewards

```
1  sleep 1 ...
2  resume
3  bios-boot-tutorial.py: ../../build/programs/cleon/cleon --wallet-url
   http://127.0.0.1:6666 --url http://127.0.0.1:8000 get table eonio eonio
   producers -l 100
4  Elapsed time for claimrewards: []
```

stepResign

```
1  bios-boot-tutorial.py: ../../build/programs/cleon/cleon --wallet-url
   http://127.0.0.1:6666 --url http://127.0.0.1:8000 push action eonio
   updateauth '{"account": "eonio", "permission": "owner", "parent": "",
   "auth": {"threshold": 1, "keys": [], "waits": [], "accounts": [{"weight":
   1, "permission": {"actor": "eonio.prods", "permission": "active"}}]}}' -p
   eonio@owner
2  executed transaction:
   396c9e3492dd9f31f254c3006d6674059c0d8b65ce505efd5b988d983f38b950   144
   bytes   190 us
3  #         eonio <= eonio::updateauth
   {"account":"eonio","permission":"owner","parent":"","auth":
   {"threshold":1,"keys":[],"accounts":[{"pe...
4  warning: transaction executed locally, but may not be confirmed by the
   network yet          ]
5  bios-boot-tutorial.py: ../../build/programs/cleon/cleon --wallet-url
   http://127.0.0.1:6666 --url http://127.0.0.1:8000 push action eonio
   updateauth '{"account": "eonio", "permission": "active", "parent":
   "owner", "auth": {"threshold": 1, "keys": [], "waits": [], "accounts":
   [{"weight": 1, "permission": {"actor": "eonio.prods", "permission":
   "active"}}]}}' -p eonio@active
6  executed transaction:
   e80bd78894d0e3aab188d4eee34f44fed7c65960160e0ab143e4db0b3f517f63   144
   bytes   228 us
```

```
7  #          eonio <= eonio::updateauth
   {"account":"eonio","permission":"active","parent":"owner","auth":
   {"threshold":1,"keys":[],"accounts"...
8  ......
```

stepLog

```
1  bios-boot-tutorial.py: tail -n 60 ./nodes/00-eonio/stderr
2  info  2019-10-18T04:17:01.502 thread-0  producer_plugin.cpp:1596
   produce_block        ] Produced block 0000007a3698b283... #122 @ 2019-10-
   18T04:17:01.500 signed by eonio [trxs: 15, lib: 121, confirmed: 0]
3  info  2019-10-18T04:17:02.032 thread-0  producer_plugin.cpp:1596
   produce_block        ] Produced block 0000007bb50eb861... #123 @ 2019-10-
   18T04:17:02.000 signed by eonio [trxs: 9, lib: 122, confirmed: 0]
4  info  2019-10-18T04:17:02.506 thread-0  producer_plugin.cpp:1596
   produce_block        ] Produced block 0000007c142df07b... #124 @ 2019-10-
   18T04:17:02.500 signed by eonio [trxs: 4, lib: 123, confirmed: 0]
5  info  2019-10-18T04:17:03.001 thread-0  producer_plugin.cpp:1596
   produce_block        ] Produced block 0000007df47f2c17... #125 @ 2019-10-
   18T04:17:03.000 signed by eonio [trxs: 9, lib: 124, confirmed: 0]
6  info  2019-10-18T04:17:03.561 thread-0  producer_plugin.cpp:1596
   produce_block        ] Produced block 0000007e59c197e3... #126 @ 2019-10-
   18T04:17:03.500 signed by eonio [trxs: 8, lib: 125, confirmed: 0]
7  info  2019-10-18T04:17:04.015 thread-0  producer_plugin.cpp:1596
   produce_block        ] Produced block 0000007f99197d92... #127 @ 2019-10-
   18T04:17:04.000 signed by eonio [trxs: 11, lib: 126, confirmed: 0]
8  ......
```

setcontype

```
1  ./cleon system setcontype producer111a 2
2  executed transaction:
   a9a2e0282d69a519102c8319f1e102b0763b334760329f1af55bc24fa25bfcce  128
   bytes  542 us
3  #          eonio <= eonio::newproposal
   {"owner":"fudan1111111","account":"fudan1111111","block_height":1,"type":3
   ,"consensus_type":2}
4  #    eonio.token <= eonio.token::transfer
   {"from":"fudan1111111","to":"eonio.prop","quantity":"1.5000
   EON","memo":"transfer 1.5000 EON to new ...
5  #   fudan1111111 <= eonio.token::transfer
   {"from":"fudan1111111","to":"eonio.prop","quantity":"1.5000
   EON","memo":"transfer 1.5000 EON to new ...
6  #     eonio.prop <= eonio.token::transfer
   {"from":"fudan1111111","to":"eonio.prop","quantity":"1.5000
   EON","memo":"transfer 1.5000 EON to new ...
7  warning: transaction executed locally, but may not be confirmed by the
   network yet          ]
10 ./cleon get schedule
```

```
active schedule version 6
active consensus type 2
    Producer      Producer key
    ============= ===================
    asmallpotato  EON7c92qt4i7ZY1pn9Ku9WiKsVfteugi9rbPtsndzAjGMVyFTVmoj
    dimensionbp2  EON87ELWBmF8WVpvWBEq53noqemvCV7m2EyCNFjkJ1bb1C9zUyZBe
    dimensionbp5  EON4uxA8uQoh8CMBoRRmXYQuJ8Z3bv9kpHyZ1Z2nMypJkFqug3dJF
    dimensionbpa  EON4wcEivqGkm4B1UgKj6BTnwFuL4HjGZeDzL4KjT5kGZivoDVgh8
    dimensionbpf  EON5duKRUVXgUPG94sHbgV3pddMEZxEDv3A11cRnnTRRZVjvQxJFN
    producer111a  EON8imf2TDq6FKtLZ8mvXPWcd6EF2rQwo8zKdLNzsbU9EiMSt9Lwz
    producer111b  EON7Ef4kuyTbXbtSPP5Bgethvo6pbitpuEz2RMWhXb8LXxEgcR7MC
    producer111c  EON5n442Qz4yVc4LbdPCDnxNSseAiUCrNjRxAfPhUvM8tWS5svid6
    producer111d  EON5y3Tm1czTCia3o3JidVKmC78J9gRQU8qHjmRjFxTyhh2vxvF5d
    producer111e  EON5yR5GNn363W3cnet5PE6xWZxa2hDAhmJN5RrB1e3fmJmVNnDRJ
    producer111f  EON76wwc1zjzRMPQnEL6rTDWLfhN2ByZd6GhDJoWBKWM6M7cUmyfS
    producer111g  EON63piLomgbAGShNu7zv3whiR52Abz8gVVMRNAqw4apJ8EQKEnQ5
pending schedule empty
proposed schedule empty
```