Weekly Report

Time	2019.06.24 ~ 2019.06.30
Circle	CCCd
Role	Coder
Name	Peak

Last week's summary

- Research the usage scenario of Bancor protocol
- Research on converting Bancor formula into programmable code
- Converting Banco formula into Java code and comparing test results with white paper

Next week's plan

- Research how to realize asset exchange with cross-chain assets

Work Problem Feedback

Weekly Report

Time	2019.06.24 ~ 2019.06.30
Circle	CCCd
Role	Coder
Name	Long

Last week's summary

- Complete the development work of 8 interfaces, including creating accounts, obtaining account information, importing accounts according to keystore, creating smart contracts, calling smart contracts on the chain, calling unchained smart contracts, obtaining parameters information of smart contract methods, and terminating smart contracts.
- Write specification document for off-line smart contract API interface
- Pre-research the development and use of Maven custom plug-in, the purpose is to make a maven plug-in, which automatically triggers the off-line smart contract debugging platform when the smart contract is packaged.

Next week's plan

- Complete the development of the remaining 6 interfaces
- Optimize the response information of all interfaces, especially the exception response information
- Improving API Interface Specification Documentation
- Modify the code for offline smart contracts to reduce the JDK version to 1.8

Work Problem Feedback

- No problem

Weekly Report

Time 2019.06.27 ~ 2019.07.03
Circle CCCc
Role Coordinator
Name Niels

Last week's summary

- Participate in the NULS 2.0 Beta version of the online arrangement related matters
- Design and develop a final consistency consensus algorithm based on POC consensus algorithm (POCBFT)
- Study and discuss the role setting of the CCC Documentation circle
- Participate in cross-chain transaction verification mechanism to optimize design work
- Participate in the design and guidance of the Converter chain

Next week's plan

- Continue the development of POCBFT
- Participate in the online work related to the Beta version
- Perform NULS1.0 seed node migration
- other

Work Problem Feedback

- None

Weekly Report

Time	2019.06.27 ~ 2019.07.03
Circle	CCCc
Role	Secretary
Name	Pen

Last week's summary

- Sort beta version docs and prepare update the docs.nuls.io
- Prepare the presentation of Beta version releasing show
- Translate Chinese version of nuls.io and deal with some problems
- Solve some wallet using problem and answer questions from community
- Sort new ccc members docs and release the good news

Next week's plan

- Help Edward and peak with Bancor protocol,offering them some suggetions
- Continue optimize 2.0 wallet
- Give support to community after beta releasing
- Doing the presentation to show how to use ChainBox

Work Problem Feedback

- None

Weekly Report

Time	2019.06.24 ~ 2019.06.30
Circle	CCCd
Role	Coder
Name	Lin

Last week's summary

- Discuss the establishment and role division of the Technical Circle Council
- Write a new member join process
- Determine the technical circle role details list division to gain insight into Nulscracy details

Next week's plan

- Modify the new user join process based on feedback and finalize the draft
- Write a list of technical circle role details
- Encourage the Circle Council to agree on Nurscracy's reward system

Work Problem Feedback

- None

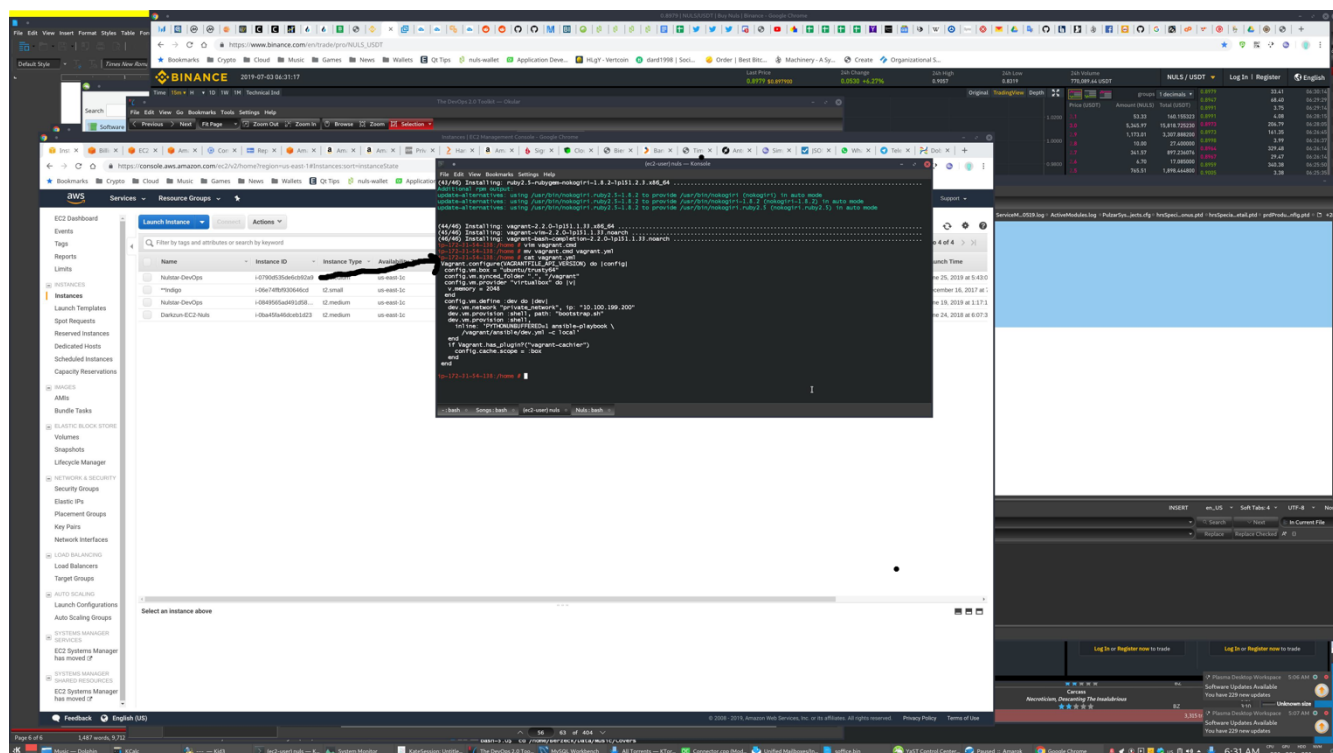Berzeck [CCC] – 2019-06-15 →   2019-06-30 Report

1] Creating and setting up tan AWS server with the first bytes for a continuous development and deployment solution for NULS 2.0 and related projects.

We will use Linux (OpenSuse 15.1), Vagrant, VirtualBox, Docker, Jenkins, and other tools to analyze code statically, initially just for Java and C++.
For complete nodes the following operating systems will be supported:
Linux: OpenSuse, Fedora, Ubuntu, Debian,
Windows: Windows 10

2] Nulcracy: Definition of 2 roles (Software Developer, Software Architect)   with their respective   primary and secondary rewards scales and levels (Img 1)

3] Built some Nulstar braches testing different scenarios for testing performance and memory consumption

4] Working on the remaining 2 issues detected in Nulstar (commits will follow this week)

5] Submit the method for max supply limit to 210 MM and follow up conversations and doubts in telegram

6] NULS Suggested Roles

6.1] Development sub circle

ID	02.02.01.01				
Name	CCC Software Developer				
Parent Circle	Development				
Period	Indefinite				
Assignment Type	Voluntarily ☒	Shift ☐	Random ☐	Assigned ☐	
Activities	02.02.01.01.001	Translate the design made by the Software Architect to a development language			
	02.02.01.01.002	Report progress to the Project Manager			
	02.02.01.01.003	Support and maintain the final product			
	02.02.01.01.004	Troubleshoot and debug.			
Requisites	Commitment	Fulltime ☒	Part time ☒	Per Task Basis ☐	
	Sub Circles	–			
Levels	01 – NULS Trainee	Proven experience implementing quality code. Needs to have deep knowledge on a specific development language. Mastering at least one IDE and tool chain. Cross platform experience.	PRS SRS PTB	250000 10000 –

	02 – NULS Junior	At least 1 year working in CCC. Full time member. Proven ability to debug. **Role:** Code Documenter Level 1. **Role:** Tester Level 1. **Role:** DB Manager level 1.	PRS SRS PTB	270000 11000 –
	03 - NULS Intermediate	At least 2 years working in CCC. Proven ability to troubleshoot. He is familiar to all NULS API methods. Understands how NULS works internally. Significant contributions to current product / modules. Completed at least one NULS module. Proven ability to break problems into smaller and more manageable tasks.	PRS SRS PTB	290000 12000 –
	04 - NULS Advanced	At least 3 years working as CCC member. Completed at least one product. Experience working with Agile methods. Mastering of the primary programming language.	PRS SRS PTB	310000 – –
	05 – NULS Proficient	At least 4 years working as CCC member. **Role:** Code Documenter Level 2. **Role:** Dev Ops operator Level 1. **Role:** Tester level 2. **Role:** Mentor level 1. **Role:** DB Manager level 2. **Role:** Project Manager level 1.	PRS SRS PTB	330000 – –
	06 – NULS Expert	At least 5 years working in CCC. Product is used by at least 5000 users or 20 companies. Product has its own SDK	PRS SRS PTB	350000 – –
	07 – NULS Advanced Expert	At least 6 years working in CCC. **Role:** Code Documenter level 3. **Role:** Architect level 1. **Role:** Dev Ops operator Level 2. **Role:** Tester level 3. **Role:** DB Manager level 3. **Role:** Mentor level 2.	PRS SRS PTB	370000 – –
	08 – NULS Master	At least 7 years working in CCC. Product is used by at least 30000 users or 100 companies. Product passed external audit of the code by an accredited company. Product has its own development framework.	PRS SRS PTB	390000 – –
	09 – NULS Grand Master	At least 8 years working in CCC. **Role:** Architect level 2. **Role:** Dev Ops operator Level 3. **Role:** Dev Ops engineer Level 1. **Role:** Project Manager Level 2. **Role:** Mentor level 3.	PRS SRS PTB	410000 – –
	10 – NULS Legend	At least 10 years working in CCC. Product is used by at least 100000 users or 1000 companies. **Role:** Architect level 3. **Role:** Dev Ops engineer Level 3. **Role:** Project Manager Level 3.	PRS SRS PTB	430000 – –

Kathy Norman's Activities from June 26-July 2

1. Attended Bitcoin conference June 25-26.   I have 2 contacts for Community developers, and 1 contact for Bitcoin developer.

2. Prepare for Developer Meeting July 11.

      a.   Researching chain box and utilizing business models.

      b.   I cannot get the hackathon chainbox example (https://github.com.nuls-io/nuls-chainbox) to work on a mac. I get the error "Modules/Nulstar/Nulstar/0.1.0/Nulstar: cannot execute binary file", which turns out to be a reported bug.

      c.   I am using NULS-Wallet-linux64-alpha3-main.tar.gz successfully on my open SUSE server.

      d.   I continue to work on a server running openSUSE Leap 15.1.   This provides to my colleague Angel Cervantes, and myself,   the opportunity to install and work with various NULS github repositories. (Thank you! To Berseck who suggested open SUSE and provided support.)

Weekly Report

Time	2019.06.24 ~ 2019.06.30
Circle	CCC
Role	Coder
Name	Edward

Last week's summary

- Continue to learn the Bancor protocol, focusing on understanding the meaning of its formula
- According to the core feedback to view, research and create multi-signature account code, answer some of their questions, optimize the code, etc.
- According to the formula of Bancor protocol, write the code realization formula.
- Participation in CCC internal meetings
- Debug and optimize the code, and input test cases for testing

Next week's plan

- Output Bancor protocol Test Report
- Combining Bancor protocol with Practical Requirements to Make Currency Exchange Scheme

Work Problem Feedback

- At present, there are some difficulties in the design of the project. There are still many questions about how to achieve the goal. We need to continue to spend time learning and understanding the application of Bancor protocol

Weekly Report

Time	2019.06.24 ~ 2019.06.30
Circle	CCCd
Role	Coder
Name	Ray

Last week's summary

- Taken part in CCC meeting,
  1) Discussed CCC Nulscracy organizational structure and voted CCC Council roles
  2) Voted to agree new CCC members
- Discussed with core team and Berzeck about how to shutdown Nulstar C++ and Nuls 2.0 java processes. We still use shutdown.sh to stop all modules. The shell script need to be updated after Nulstar Controller could stop others modules once it receives Linux kill signals.

Next week's plan

- To take part in CCC meeting
- To discuss HTTP protocol being supported in Nulstar
- To investigate Nulstar compilation and deployment on Mac OS

Work Problem Feedback

- NA

Weekly Report

Time	2019-05-27 - 2019-06-30
Circle	CCCd
Role	Coder
Name	moshe

Last week's summary

stress and fuzzy tested smart contracts, broke testnet (woops)
- prepared nrc-20 contract with batch txs
- research decentralized virtual machines (python, webassembly, docker) and
  develop proof of concept
- dht negociation
- nulsexplorer fixes and maintainance
- Tel Aviv talk as PyCon Israel
- porting NULS signatures and addresses to microcontrollers for:
    - tel aviv workshop on nuls and aleph.im for micro devices (ESP32)
    - prepare IoT framework
- improve sync on aleph
- prepare POCM on nuls 1 with regular nodes
- improved aleph whitepaper, team docs, and others
- nulsworldjs and aleph-js fixes/improvements
- infra work on nuls.world
- improved binancechain link for aleph
- researched cross chain transfers
- developed explorer.aleph.im
- a lot of talks/meetings
- improved aleph.im website

Next week's plan

- nulsexplorer fixes
- nytro desktop release
- new infra and nodes for aleph
- aleph sync fixes, research libp2p and standalone matryoshka implementation
  for dht negociation
- decentralized virtual machine concept fixes
- aleph docs, funds, exchanges talks

- IoT framework generalization:
  - Smart city concept with london buildings pilot
  - Luxury shops device feedback poc

Work Problem Feedback

- NA