



# Cyberscope

## Scenario Showcase

# **Paxe Staking/Restaking**

June 2024

- pPAXE/Staking/Restaking contracts are deployed
  - [pPAXE tx](#)
  - [restaking tx](#)
  - [staking tx](#)
- Owner of pPAXE grants admin role to staking (in order to be able to mint)
  - [grant role tx](#)
- Transferring of PAXE/SAKAI to users
  - [sakai to user1 tx](#)
  - [sakai to user2 tx](#)
  - [sakai to user3 tx](#)
  - [paxe to user1 tx](#)
  - [paxe to user2 tx](#)
  - [paxe to user3 tx](#)
- Feed staking contract with 1 million PAXE
  - [feed staking contract tx](#)
- User1 approves, stakes and restakes his tokens
  - [approve staking to spend sakai tx](#)
  - [approve staking to spend paxe tx](#)
  - [stake sakai/paxe tx](#)
  - [approve restaking to spend pPAXE](#)
  - [restake tx](#)
- User2 approves, stakes with referrer User1 and restakes his tokens
  - [approve staking to spend sakai tx](#)
  - [approve staking to spend paxe tx](#)
  - [stake sakai/paxe. referredBy User1 tx](#)
  - [approve restaking to spend pPAXE](#)
  - [restake tx](#)
- User3 approves, stakes with referrer User2 and restakes his tokens
  - [approve staking to spend sakai tx](#)
  - [approve staking to spend paxe tx](#)
  - [stake sakai/paxe. referredBy User2 tx](#)
  - [approve restaking to spend pPAXE](#)
  - [restake tx](#)
- Do a timeskip of 286 days to check rewards
  - [staking contract timeskip tx](#)
  - [restaking contract timeskip tx](#)
- User1 claims his rewards from staking and restaking contracts
  - [staking claim tx](#)
  - [restaking claim tx](#)
- User2 claims his rewards from staking and restaking contracts
  - [staking claim tx](#)
  - [restaking claim tx](#)
- User3 claims his rewards from staking and restaking contracts
  - [staking claim tx](#)
  - [restaking claim tx](#)

Account	Address
Owner	0x9A056303F5C5A40Fa3620D0e783a4c33DEA2E3B5
User 1	0x5141898E25fFB38a94b954376f2f66B433DcE162
User 2	0x488cE5bb7eBA72e9628517573A06744187EFf20F
User 3	0xe8B924099E1b6B5cE8c8f35aa85e4111c1cC197c

## User1 Stake

[ This is a BNB Smart Chain Testnet **Testnet** transaction only ]

Transaction Hash: 0xf51a5c24d0039f131ebb46e0af3dbc4ef4b5b07a08712b227f8546a66f770c33

Status: Success

Block: 41560507 826 Block Confirmations

Timestamp: 41 mins ago (Jun-26-2024 11:05:28 AM +UTC)

Transaction Action: Call Stake Function by 0x5141898E...433DcE162 on 0xAecf40Cb...E487158b5

From: 0x5141898E25fB38a94b954376f2f66B433DcE162

To: 0xAecf40CbF83e04fC8C7270d97734f3E487158b5

Transfer 0.01 BNB From 0xAecf40Cb...E487158b5 To 0x513624C9...61528B7e9

BEP-20 Tokens Transferred: 4

All Transfers Net Transfers

From 0x5141898E...433DcE162 To 0xc20A079c...484dFA42A For 50 SAKAI (SAKAI)

From 0x5141898E...433DcE162 To 0xba94E7c2...d7fA15933 For 50 SAKAI (SAKAI)

From 0x5141898E...433DcE162 To 0x00000000...00000dEaD For 500 PAXE (PAXE)

From 0x00000000...00000000 To 0x5141898E...433DcE162 For 500 pPAXE Token (pPAXE)

Value: 0.01 BNB (\$0.00)

Transaction Fee: 0.001006827893 BNB (\$0.58)

Gas Price: 4.8985 Gwei (0.0000000048985 BNB)

## User1 Restake

[ This is a BNB Smart Chain Testnet **Testnet** transaction only ]

Transaction Hash: 0x19038b6d5910f8b9bece3c8913cbcf14a6b318ab8c1aff1346ba830a31a96c84

Status: Success

Block: 41560512 843 Block Confirmations

Timestamp: 42 mins ago (Jun-26-2024 11:05:43 AM +UTC)

Transaction Action: Call Restake Function by 0x5141898E...433DcE162 on 0x13D50261...6907f1D36

From: 0x5141898E25fB38a94b954376f2f66B433DcE162

Interacted With (To): 0x13D50261A2bBAD72221F463D76d45c16907f1D36

BEP-20 Tokens Transferred:

All Transfers Net Transfers

From 0x5141898E...433DcE162 To 0x13D50261...6907f1D36 For 500 pPAXE Token (pPAXE)

Value: 0 BNB (\$0.00)

Transaction Fee: 0.0006307749465 BNB (\$0.36)

Gas Price: 4.8985 Gwei (0.0000000048985 BNB)

## User2 Stake

[ This is a BNB Smart Chain Testnet **Testnet** transaction only ]

Transaction Hash: 0x2cb03ca0356eb67cea2d649c408b4de5ebd9e94f5b997b185449ee257ef4b220

Status: Success

Block: 41560520 866 Block Confirmations

Timestamp: 43 mins ago (Jun-26-2024 11:06:07 AM +UTC)

Transaction Action: Call Stake Function by 0x488cE5bb...187EFf20F on 0xAecf40Cb...E487158b5

From: 0x488cE5bb7eBA72e9628517573A06744187EFf20F

To: 0xAecf40Cb83e04fCc8C7270d97734f3E487158b5

Transfer 0.01 BNB From 0xAecf40Cb...E487158b5 To 0x513624C9...61528B7e9

BEP-20 Tokens Transferred: 4

All Transfers Net Transfers

From 0x488cE5bb...187EFf20F To 0xc20A079c...484dFA42A For 50 SAKAI (SAKAI)

From 0x488cE5bb...187EFf20F To 0xba94E7c2...d7fA15933 For 50 SAKAI (SAKAI)

From 0x488cE5bb...187EFf20F To 0x00000000...00000dEaD For 500 PAXE (PAXE)

From 0x00000000...00000000 To 0x488cE5bb...187EFf20F For 500 pPAXE Token (pPAXE)

Value: 0.01 BNB (\$0.00)

Transaction Fee: 0.002058898332 BNB (\$1.18)

Gas Price: 4.8985 Gwei (0.0000000048985 BNB)

## User2 Restake

[ This is a BNB Smart Chain Testnet **Testnet** transaction only ]

Transaction Hash: 0x01283eb65ebe3b6bf5fbbc14b3d6ee74329eac4d6c0326686ca3c34949e21fd1

Status: Success

Block: 41560525 881 Block Confirmations

Timestamp: 44 mins ago (Jun-26-2024 11:06:22 AM +UTC)

Transaction Action: Call Restake Function by 0x488cE5bb...187EFf20F on 0x13D50261...6907f1D36

From: 0x488cE5bb7eBA72e9628517573A06744187EFf20F

Interacted With (To): 0x13D50261A2bBAD72221F463D76d45c16907f1D36

BEP-20 Tokens Transferred:

All Transfers Net Transfers

From 0x488cE5bb...187EFf20F To 0x13D50261...6907f1D36 For 500 pPAXE Token (pPAXE)

Value: 0 BNB (\$0.00)

Transaction Fee: 0.0005470105965 BNB (\$0.31)

Gas Price: 4.8985 Gwei (0.0000000048985 BNB)

## User3 Stake

[ This is a BNB Smart Chain Testnet Testnet transaction only ]

Transaction Hash: [0xa1ddcf662ad77bfcf5561402a5982c23ff8d26fce5f537a29a2f1931af3e18bc](#)

Status: Success

Block: [41560534](#) 884 Block Confirmations

Timestamp: 44 mins ago (Jun-26-2024 11:06:49 AM +UTC)

Transaction Action: Call Stake Function by [0xe8B92409...1c1cC197c](#) on [0xAecf40Cb...E487158b5](#)

From: [0xe8B924099E1b6B5cE8c8f35aa85e4111c1cC197c](#)

To: [0xAecf40Cb83e04fCc8C7270d97734f3E487158b5](#)

Transfer 0.01 BNB From [0xAecf40Cb...E487158b5](#) To [0x513624C9...61528B7e9](#)

BEP-20 Tokens Transferred: 4

All Transfers Net Transfers

From [0xe8B92409...1c1cC197c](#) To [0xc20A079c...484dFA42A](#) For 50 SAKAI (SAKAI)

From [0xe8B92409...1c1cC197c](#) To [0xba94E7c2...d7fA15933](#) For 50 SAKAI (SAKAI)

From [0xe8B92409...1c1cC197c](#) To [0x00000000...00000dEaD](#) For 500 PAXE (PAXE)

From [0x00000000...00000000](#) To [0xe8B92409...1c1cC197c](#) For 500 pPAXE Token (pPAXE)

Value: 0.01 BNB (\$0.00)

Transaction Fee: 0.0023675087305 BNB (\$1.36)

Gas Price: 4.8985 Gwei (0.0000000048985 BNB)

## User3 Restake

[ This is a BNB Smart Chain Testnet Testnet transaction only ]

Transaction Hash: [0x2456b640e256a6b78f1e58d8f646f0954bac13df9ab87494d38021fce269010f](#)

Status: Success

Block: [41560539](#) 887 Block Confirmations

Timestamp: 44 mins ago (Jun-26-2024 11:07:04 AM +UTC)

Transaction Action: Call Restake Function by [0xe8B92409...1c1cC197c](#) on [0x13D50261...6907f1D36](#)

From: [0xe8B924099E1b6B5cE8c8f35aa85e4111c1cC197c](#)

Interacted With (To): [0x13D50261A2bBAD72221F463D76d45c16907f1D36](#)

BEP-20 Tokens Transferred:

All Transfers Net Transfers

From [0xe8B92409...1c1cC197c](#) To [0x13D50261...6907f1D36](#) For 500 pPAXE Token (pPAXE)

Value: 0 BNB (\$0.00)

Transaction Fee: 0.0005470105965 BNB (\$0.31)

Gas Price: 4.8985 Gwei (0.0000000048985 BNB)

## User1 Claim Stake

[ This is a BNB Smart Chain Testnet **Testnet** transaction only ]

Transaction Hash: 0xd432e066e2d88ac5af0a27e37a69c968eb5e2a2cb4b7e45f4a3a331c93be19de

Status: Success

Block: 41560599 841 Block Confirmations

Timestamp: 42 mins ago (Jun-26-2024 11:10:04 AM +UTC)

Transaction Action: Call Claim Function by 0x5141898E...433DcE162 on 0xAecf40Cb...E487158b5

From: 0x5141898E25fB38a94b954376f2f66B433DcE162

Interacted With (To): 0xAecf40CbF83e04fCc8C7270d97734f3E487158b5

BEP-20 Tokens Transferred: 3

All Transfers Net Transfers

From 0xAecf40Cb...E487158b5 To 0x513624C9...6152BB7e9 For 44.599999999999254784 PAXE (PAXE)

From 0xAecf40Cb...E487158b5 To 0x13D50261...6907f1D36 For 66.89999999999882176 PAXE (PAXE)

From 0xAecf40Cb...E487158b5 To 0x5141898E...433DcE162 For 2,118.49999999996460224 PAXE (PAXE)

Value: 0 BNB (\$0.00)

Transaction Fee: 0.000688415596 BNB (\$0.39)

Gas Price: 4.8985 Gwei (0.0000000048985 BNB)

## User1 Claim Restake

[ This is a BNB Smart Chain Testnet **Testnet** transaction only ]

Transaction Hash: 0x029592fccc2b128a92c79d1822ca7a8bc72e796635393372bb33e7ae93262a3b

Status: Success

Block: 41560601 847 Block Confirmations

Timestamp: 42 mins ago (Jun-26-2024 11:10:10 AM +UTC)

Transaction Action: Call Claim Function by 0x5141898E...433DcE162 on 0x13D50261...6907f1D36

From: 0x5141898E25fB38a94b954376f2f66B433DcE162

Interacted With (To): 0x13D50261A2bBAD72221F463D76d45c16907f1D36

BEP-20 Tokens Transferred:

All Transfers Net Transfers

From 0x13D50261...6907f1D36 To 0x5141898E...433DcE162 For 14.999999999993856 PAXE (PAXE)

Value: 0 BNB (\$0.00)

Transaction Fee: 0.000265381136 BNB (\$0.15)

Gas Price: 4.8985 Gwei (0.0000000048985 BNB)

## User2 Claim Stake

[ This is a BNB Smart Chain Testnet **Testnet** transaction only ]

Transaction Hash: 0x340d8fbfdcd036596fa992b2fcb59a35ea9b087758173910c380a7f2383a3cb4

Status: Success

Block: 41560602 860 Block Confirmations

Timestamp: 43 mins ago (Jun-26-2024 11:10:13 AM +UTC)

Transaction Action: Call Claim Function by 0x488cE5bb...187EFf20F on 0xAEcf40Cb...E487158b5

From: 0x488cE5bb7eBA72e9628517573A06744187EFf20F

Interacted With (To): 0xAEcf40CbF83e04fCc8C7270d97734f3E487158b5

BEP-20 Tokens Transferred: 3

All Transfers Net Transfers

From 0xAEcf40Cb...E487158b5 To 0x513624C9...6152BB7e9 For 42.999999999999999513472 PAXE (PAXE)

From 0xAEcf40Cb...E487158b5 To 0x13D50261...6907f1D36 For 64.499999999999999270208 PAXE (PAXE)

From 0xAEcf40Cb...E487158b5 To 0x488cE5bb...187EFf20F For 2,042.49999999997688992 PAXE (PAXE)

Value: 0 BNB (\$0.00)

Transaction Fee: 0.000572997139 BNB (\$0.33)

Gas Price: 4.8985 Gwei (0.0000000048985 BNB)

## User2 Claim Restake

[ This is a BNB Smart Chain Testnet **Testnet** transaction only ]

Transaction Hash: 0x4c23c3ba61337709510cb7b1a2438b8f06db34d1862e37dcf6493184deaabeff

Status: Success

Block: 41560605 861 Block Confirmations

Timestamp: 43 mins ago (Jun-26-2024 11:10:22 AM +UTC)

Transaction Action: Call Claim Function by 0x488cE5bb...187EFf20F on 0x13D50261...6907f1D36

From: 0x488cE5bb7eBA72e9628517573A06744187EFf20F

Interacted With (To): 0x13D50261A2bBAD72221F463D76d45c16907f1D36

BEP-20 Tokens Transferred:

All Transfers Net Transfers

From 0x13D50261...6907f1D36 To 0x488cE5bb...187EFf20F For 14.9999999999999993856 PAXE (PAXE)

Value: 0 BNB (\$0.00)

Transaction Fee: 0.000265381136 BNB (\$0.15)

Gas Price: 4.8985 Gwei (0.0000000048985 BNB)



## User3 Claim Stake

[ This is a BNB Smart Chain Testnet **Testnet** transaction only ]

Transaction Hash: [0x488aa04030b530650e712160b45ef933007770afd5424d1f8aaa30b83735000b](#)

Status: Success

Block: [41560607](#) 872 Block Confirmations

Timestamp: 43 mins ago (Jun-26-2024 11:10:28 AM +UTC)

Transaction Action: Call Claim Function by [0xe8B92409...1c1cC197c](#) on [0xAecf40Cb...E487158b5](#)

From: [0xe8B924099E1b6B5cE8c8f35aa85e4111c1cC197c](#)

Interacted With (To): [0xAecf40CbF83e04fCc8C7270d97734f3E487158b5](#)

BEP-20 Tokens Transferred: 3

All Transfers Net Transfers

From [0xAecf40Cb...E487158b5](#) To [0x513624C9...6152BB7e9](#) For 39.99999999999953664 PAXE (PAXE)

From [0xAecf40Cb...E487158b5](#) To [0x13D50261...6907f1D36](#) For 59.99999999999930496 PAXE (PAXE)

From [0xAecf40Cb...E487158b5](#) To [0xe8B92409...1c1cC197c](#) For 1,899.999999999779904 PAXE (PAXE)

Value: 0 BNB (\$0.00)

Transaction Fee: 0.0005577677025 BNB (\$0.32)

Gas Price: 4.8985 Gwei (0.0000000048985 BNB)

## User3 Claim Restake

[ This is a BNB Smart Chain Testnet **Testnet** transaction only ]

Transaction Hash: [0x5e3f59503525fbaea4f0909d70d39b589a56e74bcca7e5032b7a8618c9109f1b](#)

Status: Success

Block: [41560610](#) 875 Block Confirmations

Timestamp: 43 mins ago (Jun-26-2024 11:10:37 AM +UTC)

Transaction Action: Call Claim Function by [0xe8B92409...1c1cC197c](#) on [0x13D50261...6907f1D36](#)

From: [0xe8B924099E1b6B5cE8c8f35aa85e4111c1cC197c](#)

Interacted With (To): [0x13D50261A2bBAD72221F463D76d45c16907f1D36](#)

BEP-20 Tokens Transferred:

All Transfers Net Transfers

From [0x13D50261...6907f1D36](#) To [0xe8B92409...1c1cC197c](#) For 14.9999999999993856 PAXE (PAXE)

Value: 0 BNB (\$0.00)

Transaction Fee: 0.000265381136 BNB (\$0.15)

Gas Price: 4.8985 Gwei (0.0000000048985 BNB)

# About Cyberscope

Cyberscope is a blockchain cybersecurity company that was founded with the vision to make web3.0 a safer place for investors and developers. Since its launch, it has worked with thousands of projects and is estimated to have secured tens of millions of investors' funds.

Cyberscope is one of the leading smart contract audit firms in the crypto space and has built a high-profile network of clients and partners.



**The Cyberscope team**

<https://www.cyberscope.io>