



# EXPLORER & WALLET USER GUIDE

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# **OPEN CHAIN EXPLORER**

OPEN Chain Explorer is a web application that allows viewing OPEN Chain status and statistics. Chain explorer can be found at <u>explorer.openfuture.io</u>

NODES Total number of I network	nodes connected to the	<b>BLOCKs</b> Total number of blocks in the chain	Total number of all transactions in the chain	Block Production
24		1,142	1,089	<b>300</b> seconds per block
<b>Transactic</b> Number of transa	ons Rate	Epoch Number of current epoch	Current Epoch Duration	Delegates Number of Delegates
transact	tions per second	52	1h 30m	21
LATEST BLO	СКS		LATEST TRANSFER TRANSACTI	ONS
Block Height	Hash		Hash	
1141	D81DC264253A215DA88FE3B7E	EA8C3A6F89F6531FD147C4E500DAD2742D83717E		SEE ALL TRANSFER TRANSACTION
1140	3C35E6B58931F7CC0D9DF20EE	5D7BECOACE63356F3AF897965852D55FBCF1586		
1139	81767767045D1585D808B1D69	6ABB25264E37AA2E23AC6E865A4D34B1D5B01DD		
1138	738FC20E869F70FDF461B6862	2126C5F3B1DB909578D0A54755B5CB26845F0281		
1137	67214A2B41925767D95349D44	BAE60F1F0B17A7AA72DB66C88AFB6DA4011F686		
1136	EC17209A18BFF673C3EBC099D	CBAAD2CAB9F8BBA9D854D01AA3DAF73837BDDA3		
1135	FB2B1869D18423C7F41D0F2DD	67F3BE6A75E985A795A07B54063EAC411850270		
		SEE ALL BLO	СК5	
ATEST GEN	ESIS BLOCKS		ACTIVE DELEGATES	
	ESIS BLOCKS		ACTIVE DELEGATES	
Block Height	Hash		Public key	
Block Height	Hash 874F1F87539059F302AD75130	2DE8D6FC74D5F2FF53399951930D924594D0478	Public key 02E20AD031FBF8261369E8F2F5370F9225A050	
Block Height 1123 1101	Hash 874F1F87539D59F302AD75130 F879E9A383DC475E1314F6E89	A18AE155A690574386CFDDA9E892DF986FDC53E	Public key 02620ADD31FBF82B136968F2F537DF9225A051 0225A6BDB88EA2D8C401A638C87DA670D5621	F0E4FDB9197F09AE7582C805046724
Block Height 1123 1101 1079	Hash           874F1F87539059F302A075130           FB79E9A3830C475E1314F6E89.           703C6269101504192CA228E859	A18AE155A690574386CFDDA9E892DF986FDC53E C6E8495D80668F5DC8C3A47624834286EDAE98F	Public key           02E20ADD31FBF82E1369E8F2F537DF9225AD51           0225AEBDB88EA2D8C401A638C870A670D5E21           027D26F614AFE886B3C8EFB861C6666985701D	F0E4FDB9197F09AE7582C805046724 176EFA70C905A02F44C1E0BE804AB
Block Height 1123 1101 1079 1057	Hash 874F1F87539059F302A075130 F879E9A3830C475E1314F6E89 703C8269101504192CA228E859 1A0CC32102AA8EF67718A3F364	A18AE155A690574386CFDDA9E892DF986FDC53E C6E8495D80668F5DC8C3A47624834286EDAE98F 03F884F30FDAE8A0564DE097474510A02878F38	Public key           02E20ADD31FBF82B1369E8F2F537DF9225A05H           0225AE8DB88EA2D8C401A638C87DA670D5E2H           027026F614AFE8B6B3C8EF8861C6666985701D           027026F614AFE8B6B3C8EF8861C6666985701D           02C2ACA26E916926FCE4101F0633009AE1C8C9	F0E4FDB9197F09AE75B2CB05046724 176EFA70C9D5A02F44C1E0BEB04AB 7E3081B3779880F6683EA258599C
Block Height 1123 1101 1079	Hash           874F1F87539D59F302AD75130           F879E9A3830C475E1314F6E89           703C8269101504192CA228E859           1A0CC32102AA8EF67718A3F360           F5F99AA7A30E5C8175E0CAE1A	A18AE155A690574386CFDDA9E892DF986FDC53E C6E8495D80668F5DC8C3A47624834286EDAE98F 03F884F30FDAE8A05640E097474510A02878F38 V3F8247C2A75C2D2A2336D60966F90261E90C86	Public key           02620ADD31FBF82B136968F2F5370F9225A051           0225AEBD8B8EA2D8CA01A638C87DA670D5621           027026F614AFE8B683C8FF8B61C6666985701D           027026F614AFE8B683C8FF8B61C6666985701D           027026F614AFE8B683C8FF8B61C6666985701D           0225AC826916926FCE4101F0633009AE1C8C9           0267C86589255A66153D181C19AA8A34C5C0660	FDE4FD89197F09AE7582C805046724 776EFA70C905A02F44C1E08E804A8 7E308183779880F6683EA258599C CEFOC0374EDC88A485F36CCFC18A
Block Height 1123 1101 1079 1057	Hash           874F1F87539D59F302AD75130           F879E9A3830C475E1314F6E89           703C8269101504192CA228E859           1A0CC32102AA8EF67718A3F360           F5F99AA7A30E5C8175E0CAE1A	A18AE155A690574386CFDDA9E892DF986FDC53E C6E8495D80668F5DC8C3A47624834286EDAE98F 03F884F30FDAE8A0564DE097474510A02878F38	Public key           02E20ADD31FBF82B1369E8F2F537DF9225A05H           0225AE8DB88EA2D8C401A638C87DA670D5E2H           027026F614AFE8B6B3C8EF8861C6666985701D           027026F614AFE8B6B3C8EF8861C6666985701D           02C2ACA26E916926FCE4101F0633009AE1C8C9	FDE4FD89197F09AE7582C805046724 776EFA70C905A02F44C1E08E804A8 7E308183779880F6683EA258599C CEFOC0374EDC88A485F36CCFC18A

Below you can see the description of each field on Explorer page:

- **Nodes** number of active nodes in the network
- **Blocks** number of blocks generated by the network
- All Transactions total number of transactions in the network



- Block Production average block creation velocity in the network
- **Transactions Rate** average transactions number per second in the network
- **Epoch** number of current epoch
- Current Epoch Duration time elapsed since current epoch start
- Delegates number of active delegates producing blocks
- Latest Blocks List list of latest blocks created in the network
- **Latest Transfer Transactions** list of latest transfer transactions in the network
- **Latest Genesis Blocks** list of latest genesis blocs in the network
- Active Delegates list of active delegates in the current epoch

#### Block Information

- Delegate address
- Amount
- Previous block's hash
- Block's hash
- Date
- Epoch
- Transactions
- Created by
- Signature

#### Genesis Block Information

- Block height
- Previous block's hash
- Block's hash
- Date
- Epoch
- Delegates

#### Active Delegate Information

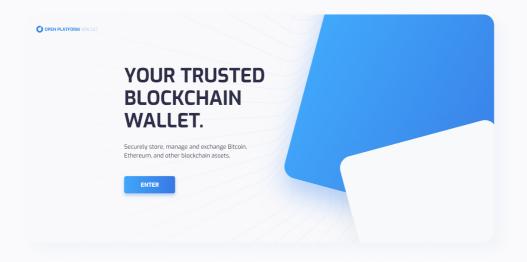
- Address
- Public key

# **OPEN CHAIN WALLET**

OPEN Chain Wallet is a web application that allows interacting with the OPEN Chain (create wallet, transfer and receive OPEN tokens, delegating as an active delegate candidate and voting for active delegate candidates

## **OPEN WALLET START PAGE**

To access OPEN wallet go to localhost:8080 after running the OPEN node.



Press "ENTER" to go to login options.

Below you can see the description of each field on Explorer page:

- 1 Create a new wallet;
- 2 Enter the wallet using the wallet's private key;
- 3 Enter the wallet using the wallet's file;
- 4 Restore the wallet using the wallet's seed phrase;





## **CREATING NEW OPEN WALLET**

To create a new OPEN Wallet select "CREATE NEW WALLET" option at Start Page

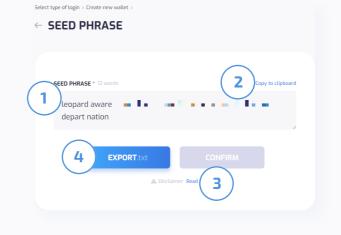
# If you are not familiar with the seed phrase conception

- 1 "What is Seed Phrase" to read more about it;
- 2 "Read" to read Seed Phrase disclaimer text;
- 3 "Generate" to generate a seedphrase for your wallet;

# 

# After seed phrase generation you can see your

- 1 Seed phrase;
- **2** Copy it to the clipboard;
- 3 Enter the wallet using the wallet's file;
- 4 Restore the wallet using the wallet's seed phrase;



Press **1 "CONFIRM"** when you have securely stored the seed phase and ready to finish wallet creation.

Once you press **1 "CONFIRM"** you will be redirected to a wallet data page.

select type of login > Create new wallet >	
SEED PHRASE	
SEED PHRASE * 12 words	Copy to clipboard
leopard aware	
depart nation	
<b>EXPORT</b> .txt	CONFIRM
▲ Disclaime	r Read



#### On the wallet data page, you can see

- 1 Wallet's private key;
- 2 Wallet's public key;
- 3 Wallet's address;
- 4 Copy this information to the clipboard
- **5** Ream more about public key
- 6 Read more about wallet address

Once you reviewed wallet data information press **7 "CONFIRM"** to proceed to a wallet file creation.

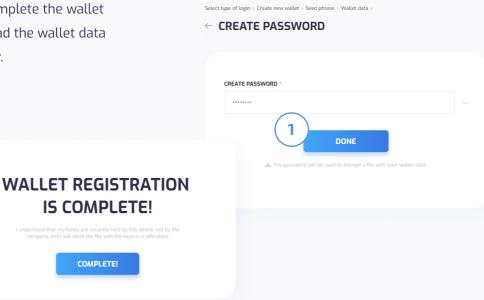
At this step, you will be asked to create a passwordto protect the wallet data file. Enter file password to "Create password" field 1.

Press the "show password" button 2 to see the password you've entered.

Select type of login $>$ Create new wallet $>$ Seed phrase $>$	
← WALLET DATA	
PRIVATE KEY	Copy to clipboard
	Copy to clipboard 0- 4
WALLET ADRESS @ 6	
	Copy to clipboard
7 CONFIRM	

Select type of login > Create new wallet		
CREATE PASSWORD *		(2)
1 Enter password		
	DONE	
A This passwo	rd will be used to encrypt a file with your wallet data	

Press <b>1 "DONE"</b> to complete the wallet
creation and download the wallet data
file to your computer.





### LOGIN TO OPEN WALLET USING PRIVATE KEY

To log in to OPEN wallet using a private key enter your wallet's private key to the **"PRIVATE KEY"** field **1**.

Press the "show key" button 2 to see the private key you've entered.

Select type of login >		
← ENTER PRIVA	ГЕ КЕҮ	
PRIVATE KEY *		2
Private Key		
<u> </u>	CONTRACT	
	CONFIRM	

Press the "show key" button 1 to see the private key you've entered.

Press **2 "CONFIRM"** to access your wallet's dashboard.

PRIVATE KEY *	

# LOGIN TO OPEN WALLET USING WALLET DATA FILE

Press **1 "SELECT FILE"** to select the wallet data file path and upload it to the wallet page.

	Select type of login >	
(	Select FILE * Select file	
	Enter password	



Enter wallet data file password to **"ENTER PASSWORD"** field.

Press the "show password" button 1 to see the password you've entered.

Press **2 "CONFIRM"** to access your wallet's dashboard.

Select type of login >	
SELECT FILE *	
my_OPEN.json	×
ENTER PASSWORD *	
2 CONFIRM	

#### **RESTORING OPEN WALLET USING SEED PHRASE**

Enter your wallet's seed phrase to restore the wallet in **"ENTER SEED PHRASE"** field and press 1 **"CONFIRM"**.

Once you press **1 "CONFIRM"** you will be redirected to a wallet data page.

Select type of login >	
ENTER SEED PHRASE * 12 words	
excite	
spawn .	

#### On the wallet data page, you can see

- 1 Wallet's private key;
- 2 Wallet's public key;
- 3 Wallet's address;
- 4 Copy this information to the clipboard
- 5 Ream more about public key
- 6 Read more about wallet address

Once you reviewed wallet data information press **7 "CONFIRM"** to proceed to a wallet file creation.





At this step, you will be asked to create a password to protect the wallet data file. Enter file password to "Create password" field 1.

Press the "show password" button 2 to see the password you've entered.

Select type of login $>$ Create new wallet $>$ Seed phrase $>$ Wallet data $>$	
← CREATE PASSWORD	
	$\frown$
CREATE PASSWORD *	(2)
(1) Enter password	
This password will be used to encrypt a file with your wallet data	

Press 1 **"DONE"** to complete the wallet creation and download the wallet data file to your computer.

	PASSWORD	
CREATE PASSW	DRD *	
	This password will be used to encrypt a file with your wallet data	a

#### WALLET DASHBOARD

Оре	EN PLATFORM WALLET	Dashboar	2 WALLE 3 D	ELEGATES		9 DISESTIF2	7 <b>1528</b> 5206De4A9C6ecAa1Bc2Be25780	OPEN 4
5 WAL	LET BALANCE	6	LAST TRANSACTION	IS			10 4	eate transaction
7)15	28 OPEN		Hash	From	<sup>To</sup> (9)	Date	Amount OPEN	Fee OPEN
	LET ADDRESS	Lopy to clipboard	9a09499e18148c0be9e6da		Contract: 0x400E67aE0C25:	2019-02-21, 14:10:26 UTC	12	28
	LET ADDRESS 9		4ce31d98d47a044e6162f09	0x51c5311F25206De4A9C6	Smart contract deploy	2019-02-21, 14:06:46 UTC	0	10
			d683699d7d8727b39d40b	0x51c5311F25206De4A9C6	Smart contract deploy	2019-02-21, 14:05:55 UTC	D	28
DELE	GATES	10 Vote	ab93ca93df4ba63a59bb67	0x51c5311F25206De4A9C6	OxadDC3dD36F96CaaF256	2019-02-21, 14:02:54 UTC	10	1
Rank	Address	Amount of votes	94a2be55f1f73e7fa0eb7b6f	0x51c5311F25206De4A9C6	0x3ecB577F110a7Caaa7B8d	2019-02-21, 14:02:39 UTC	120	1
1	0x51c5311F25206De4A9C6e	0	f627d4da526b11aee9043fd	0x51c5311F25206De4A9C6	0x3ecB577F110a7Caaa7B8d	2019-02-21, 14:02-21 UTC	50	D
2	0x51c5311F25206De4A9C6e				(11) View All Tra	nsactions 6		
3	0x51c5311F25206De4A9C6e							
4	0x51c5311F25206De4A9C6e	0						
(	13 View all delegates							



#### After log in to OPEN Wallet you will see the Wallet dashboard that contains following:

- 1 Dashboard menu section;
- 2 Wallet menu section;
- **3** Delegates menu section;
- 4 Log out button
- **5** Wallet info section
- 6 Last transactions section
- 7 Wallet balance
- 8 Wallet address
- 9 Copy to the clipboard option
- **10** Create transaction
- 11 View all transactions
- **12** Delegates section and vote button
- **13** View all delegates

#### **TRANSACTIONS TABLE**

	ET BALANCE		LA	ST TRANSACTION	IS			G	reate transaction
15	28 OPEN		$\sim$	Hash	From	То	Date	Amount OPEN	Fee OPEN
			1)	9a09499e18148c0be9e6da	0x51c5311F25206De44	Contract: 0x400E67aE0C25	2019-02-21, 14:10:26 UTC	12	28
	ET ADDRESS 5311F25206De4A9C6ecAa1B	Copy to clipboard c2Be257B0	2)	4ce31d98d47a044e6162f09	0x51c5311F25206De4/ 4	Smart contract deploy	2019-02-21, 14:06:46 UTC	0	10
			$\smile$	d683699d7d8727b39d40b	0x51c5311F25206De4A9C6	Smart contract deploy	2019-02-21, 14:05:55 UTC	٥	28
ELEG	ATES	Vote		ab93ca93df4ba63a59bb67	0x51c5311F25206De4A9C6	OxadDC3dD36F96CaaF256	2019-02-21, 14:02:54 UTC	10	1
Rank	Address	Amount of votes		94a2be55f1f73e7fa0eb7b6f	0x51c5311F25206De4A9C6	Ox3ecB577F110a7Caaa7B8d	2019-02-21, 14:02:39 UTC	120	1
1	0x51c5311F25206De4A9C6e	0		f627d4da526b11aee9043fd	0x51c5311F25206De4A9C6	Ox3ecB577F110a7Caaa7B8d	2019-02-21, 14:02:21 UTC	50	0
2	0x51c5311F25206De4A9C6e					View All Tra	nsactions 6		
з	0x51c5311F25206De4A9C6e	. 0							
4	0x51c5311F25206De4A9C6e	. 0							
	View all delegates 5								



- 1 Blue-coloured hash transaction is executed successfully ;
- 2 Red-coloured hash transaction failed, transaction may fail in case the lack of sum necessary for the contract execution;
- If transaction is intended for the contract execution, "Contract x" (where x is the contract address)
   will be displayed in the field "Contract';
- 4 If the transaction is intended for the contract deploy, "Smart Contract Deploy" will be displayed in the field "TO";

#### WALLET MENU

OPEN PLATFORM WALLET	ASHBOARD WALLET	DELEGATES			<b>808</b> o 5206De4A9C6ecAa1Bc2Be257B0b	
	Z LAST TRANSACT	ΓΙΟΝ5				
TRANSACTION	Hash	From	То	Date	Amount OPEN	Fee OPEN
FROM	9a09499e18148c0be9	e6da 0x51c5311F25206De4A9C6	Contract: 0x400E67aE0C25	2019-02-21, 14:10:26 UTC	12	28
0x51c5311F25206De4A9C6ecAa1Bc2Be2578	4ce31d98d47a044e616	2f09 0x51c5311F25206De4A9C6	Smart contract deploy	2019-02-21, 14:06:46 UTC	0	10
то	d683699d7d8727b39d	140b 0x51c5311F25206De4A9C6	Smart contract deploy	2019-02-21, 14:05:55 UTC	٥	28
	ab93ca93df4ba63a59	0x51c5311F25206De4A9C6	DxadDC3dD36F96CaaF256	2019-02-21, 14:02:54 UTC	10	1
DATA	94a2be55f1f73e7fa0e	o7b6f 0x51c5311F25206De4A9C6	0x3ecB577F110a7Caaa7B8d	2019-02-21, 14:02:39 UTC	120	1
C Data ESTIMATE	f627d4da526b11aee90	43fd 0x51c5311F25206De4A9C6	0x3ecB577F110a7Caaa7B8d	2019-02-21, 14:02:21 UTC	50	0
AMOUNT *						
FEE *						
CONFIRM						

Wallet menu contains the following blocks:

- 1 Create transaction menu;
- **2** Last transactions menu;



## **CREATING TRANSACTION**

# To create a transaction use "CREATE TRANSACTION" menu where

- Sender address (filled automatically with wallets address);
- 2 Recipient address;
- 3 Transaction data;
- 4 Estimate Button
- 5 Transfer amount
- **6** Transaction fee amount
- 7 Confirmation Button

Estimate Button 4 :

 is activated only when the data is entered (when we are working with the smart contract)

while pushing the button the minimal sum necessary for the contract deploy/contract execution is displayed in the field "FEE" 6 (more sources can be transferred for the contract execution, and the exchange will be returned to User)

Press **6 "CONFIRM"** to proceed to transaction confirmation

#### CREATE TRANSACTION

	_	FROM	
(	1	0x51c5311F25206De4A9C6ec	Aa1Bc2Be257f
	_	то	
	2	) 0x400E67aE0C25f96eB18fA3	3F9cCcD1174b1
	_	DATA	4
	3	execute	ESTIMATE
	_	AMOUNT *	
(	5	<b>AMOUNT *</b>	
(	<b>5</b>	·····	
((	( <b>5</b> ) ( <b>6</b> )	12	
		12  FEE* Remember to estimate	
		12  FEE* Remember to estimate	



#### CONFIRM TRANSACTION

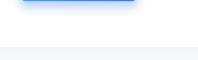
FROM	0X51C5311F25206D8	E4A9C6ECAA1BC2BE257B0BA1FB
то	OX400E67AE0C25	F96EB18FA3F9CCCD1174B1E11917
DATA		EXECUTE
AMOUNT		12 OPEN
FEE		28 OPEN

Review the transaction information and press 1 **"CONFIRM"** to confirm the transaction or **2 "CANCEL"** to cancel the transaction.

In case transaction is executed successfully the following info is displayed in User's Wallet.

## **TRANSACTION SENT!**

DONE



Once the transaction is confirmed it will be sent to the OPEN Chain.

While clicking Confirmation Button **7** User will be able to see the whole transaction info the results.

#### **TRANSACTION INFO**

9A09499E18148C0BE9E6DAD85028DCD385D2F3A6F5B132D1F2296CB27792D	HASH
SUCC	STATUS
965DC4EF8BC5833C2729C308F57BF9CC3CC96FE3E6D4A9DA2A8293EDDF122	BLOCK
2019-02-21, 14:10:26 U	DATE
0x51c5311F25206De4A9C6ecAa1Bc2Be25780bA	FROM
Contract: 0x400E67aE0C25f96eB18fA3F9cCcD1174b1E11	то
	AMOUNT
	RESULTS
0x51c5311F25206De4A9C6ecAa1Bc2Be257B0bA1fb	FROM:
0x400E67aE0C25f96eB18fA3F9cCcD1174b1E11917	TO:
12	AMOUNT:
0x51c5311F25206De4A9C6ecAa1Bc2Be257B0bA1fb	FROM:



In case transaction failed the following information is displayed in User's Wallet:

#### **TRANSACTION INFO**

HASH	4CE31D98D47A044E6162F09BA373D5948BB4A5F0075D2EDC38FC8F9896BCF1CE
STATUS	FAILEE
BLOCK	24E5FCDD50CB02F302FBD44F33DCAEBB40332C41F0CC67D2A5CC9B5069A6B4A
DATE	2019-02-21, 14:06:46 UT
FROM	0x51c5311F25206De4A9C6ecAa1Bc2Be25780bA1fi
то	Smart contract deplo
AMOUNT	(
RESULTS	
FROM:	0x51c5311F25206De4A9C6ecAa1Bc2Be257B0bA1fb
TO:	0x51c5311F25206De4A9C6ecAa1Bc2Be257B0bA1fb
AMOUNT:	10

#### **TRANSACTION TYPES**

- Money Transferring (in this case the field **"DATA"** is not used)

#### CREATE TRANSACTION

Aa1Bc2Be257I
E5eE63CFcd24
ESTIMATE

#### CONFIRM TRANSACTION

то	OX3ECB577F110	A7CAAA7B8DEE5EE63C	FCD2475F1FD
AMOUNT			50 OPEN
FEE			O OPEN
CONFI	RM	CANCEL	



- Contract Deploy (the field **"TO"** is empty, the field **"DATA"** is the byte code of the contract, **"FEE"** is the sum of money necessary for the deploy)

CREATE TRANSACTION	CON TRAI	FIRM NSACTION
FROM		
0x51c5311F25206De4A9C6ecAa1Bc2Be257I	FROM	0X51C5311F25206DE4A9C6ECAA1BC2BE257B0BA1FB
TO Wallet Address	DATA	CAFEBABE000000340026010013742F496E6372656D 656E74436F6E7472616374070001010035696F2F6F7 0656E6675747572652F636861696E2F736D61727463 6F6E74726163742F6D6F64656C2F536D617274436F6
DATA		E747261637407000301000576616C75650100014901 *
cafebabe000000340026	AMOUNT	0 OPEN
AMOUNT *	FEE	28 OPEN
FEE * Remember to estimate		CONFIRM
28		

Contract Execution (the field "TO" — the contract address, "DATA" — the name of contract method,
 "FEE" — the sum of money necessary for method execution, "AMOUNT" — the internal resources of contract: for example, they can be used for transferring money from the contract code)

ATE NSACTION	CONF	IRM SACTION
5311F25206De4A9C6ecAa1Bc2Be257l	FROM	0X51C5311F25206DE4A9C6ECAA1BC2BE257B0BA1FB
	то	0X400E67AE0C25F96EB18FA3F9CCCD1174B1E11917
DE67aEDC25f96eB18fA3F9cCcD1174b1		
	DATA	EXECUTE
te ESTIMATE	AMOUNT	12 OPEN
*	FEE	28 OPEN
member to estimate	со	NFIRM CANCEL



## **DELEGATES MENU**

OPEN PLATFORM WALLET	DASHBOARD	WALLET DELEGATES			Caaa7B8deE5eE63CFcd2475FIFd
Vote Become a Delegate	2 JELE	GATES			
VOTE	5 All	G Casted vote			
DELEGATE KEY *	Rank	Address	Delegate key	Amount of votes	Date
Wallet	1	0x51c5311F25206De4A9C6ecAa1Bc	02b04aa1832e799503000a6b8da1	٥	2018-07-23, 11:23:38 UTC
	2	0x51c5311F25206De4A9C6ecAa1Bc	02c6847fcdc0239581151d1b05e700	D	2018-07-23, 11:23:38 UTC
FEE *	3	0x51c5311F25206De4A9C6ecAa1Bc	D2c4aedc4a7e2d8ccDe73e6dfb428	٥	2018-07-23, 11:23:38 UTC
	4	0x51c5311F25206De4A9C6ecAa1Bc	02203492b48445da0f7392f6fa88	٥	2018-07-23, 11:23:38 UTC
CONFIRM	5	0x51c5311F25206De4A9C6ecAa1Bc	029a9b6a44d2e322af6884a00660	0	2018-07-23, 11:23:38 UTC
	6	0x51c5311F25206De4A9C6ecAa1Bc	020c08e5367fd881e52af43532db8	٥	2018-07-23, 11:23:38 UTC
	7	0x51c5311F25206De4A9C6ecAa1Bc	02aef406b4c4a3c007094a05c2d2	٥	2018-07-23, 11:23:38 UTC
	8	0x51c5311F25206De4A9C6ecAa1Bc	03bfcc7afddf4f00c043faca2254ca	٥	2018-07-23, 11:23:38 UTC
	9	0x51c5311F25206De4A9C6ecAa1Bc	03b49d9a127c271fad4bcdf88bd9fb	٥	2018-07-23, 11:23:38 UTC

#### In the delegates menu you can find:

- 1 Vote and Delegate section;
- 2 Delegates section;
- **3** Vote for a delegate tab;
- 4 Becoming a delegate tab;
- **5** All delegates tab;
- 6 Your votes tab;

- Contract Deploy (the field **"TO"** is empty, the field **"DATA"** is the byte code of the contract, **"FEE"** 

Vote Become a Delegate	DELEG	ATES			
VOTE	All 5	Casted vote			
	Rank	Address	Delegate key	Amount of votes	Date
DELEGATE KEY *	1	0x51c5311F25206De4A9C6ecAa1Bc2	02b04aa1832e799503000a6b8da1c	1 Your Vote	2018-07-23, 11:23:38 UTC
	2	0x51c5311F25206De4A9C6ecAa1Bc2	02c6847fcdc0239581151d1b05e700	0	2018-07-23, 11:23:38 UTC
7EE *	з	0x51c5311F25206De4A9C6ecAa1Bc2	02c4aedc4a7e2d8cc0e73e6dfb428	٥	2018-07-23, 11:23:38 UTC
	4	0x51c5311F25206De4A9C6ecAa1Bc2	02203492b48445da0f7392f6fa88d	0 .	2018-07-23, 11:23:38 UTC
CONFIRM	5	0x51c5311F25206De4A9C6ecAa1Bc2	029a9b6a44d2e322af6884a00660	٥	2018-07-23, 11:23:38 UTC



- The button "RECALL" allows User to recall his voice in case he is not sure about his choice on the delegate selected.

OPEN PLATFORM WALLET	DASHBOARD WALLET DELEGATES		1158 c	
Vote Become a Delegate	DELEGATES			
VOTE	All 5 Casted vote Delegate's address Delegate key	Amount of votes	Vote date	4
DELEGATE KEY *	0x51c5311F252060e4A9C6ecAa1Bc2 02b04aa1B32e799503000e	a6b8dalc 1	2019-02-21, 14:13:56 UTC	RECALL
FEE *				
CONFIRM				

3

CONFIRM

After pushing the button "Recall Vote" the pop-up window "Recall Vote" appears on User's screen with the delegate's address and amount of fee.

#### **RECALL VOTE** DELEGATE'S ADDRESS 02B04AA1832E799503000A6B8DA1CDBB737 1 C167FC829472C726A12AD9A4CCF24EB 2 FEE

After the vote is successfully recalled by system the pop-up window "Recall vote sent successfully" appears on User's screen.

# Recall vote sent successfully!

ОК

4 CANCEL



1 OPEN

#### **DELEGATING NODE**

Go to Becoming a delegate tab to nominate your node for active delegate

# To nominate your node review following information:

- 1 Your node network ID;
- 2 Delegation fee amount (flat fee);
- **3** Transaction fee (flat fee);

Press **4 "CONFIRM"** to confirm your node delegation for active delegate.

vote Become a Delegate
BECOME A DELEGATE
DELEGATE KEY
1 0322ddb0fd4b1555b48b01a252c9958d08'
AMOUNT *
2 10
FEE *
3 3
4 CONFIRM

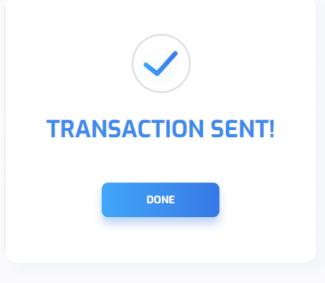
Review the transaction information and press 1 **"CONFIRM"** to confirm the transaction or **2 "CANCEL"** to cancel the transaction.

#### BECOME A DELEGATE

DELEGATE KEY	0322DD80FD4B1555B48B01A252C9958D08 935542E48A7021EE05737A3DD84A77EF
AMOUNT	10
FEE	3 OPEN



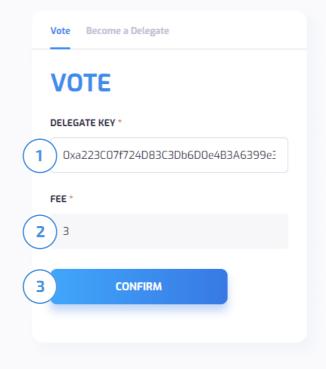
Once the transaction is confirmed it will be sent to the OPEN Chain.



#### VOTING

Go to the Vote tab to vote for a node you want to become an active delegate

Enter the node's network ID to the **"DELEGATE KEY"** field, review transaction fee (flat fee) and press **3 "CONFIRM"** to confirm your vote.





Review the transaction information and press **1 "CONFIRM"** to confirm the transaction or **2 "CANCEL"** to cancel the transaction.

Once the transaction is confirmed it

will be sent to the OPEN Chain.

# <section-header> VOTE Delegate's address Delegate's address

To view your votes go to Casted vote tab.

legate's address	Delegate key	Amount of votes	Vote date 1
xCb8933Eb016634452F83487420	03b93218a64df4b09ba45cc6b41d8	1	2019-02-12, 12:32:53 UTC RECALL

You can recall previously casted vote by pressing **1** "**RECALL**" button.

ll 6 Casted vote			
elegate's address	Delegate key	Amount of votes	Vote date
xCb8933Eb016634452F83487420	03b93218a64df4b09ba45cc6b41d8	1	2019-02-12, 12:32:53 UTC PENDING



For the time of recall transaction confirmation recall button will be changed to **"PENDING"** and your vote will disappear from this section once it will be confirmed by the OPEN Chain network.

