

FITE 7409

Blockchain and Cryptocurrency

Bitcoin Part 3b: Bitcoin Explorer

K.P. Chow

Blockchain Explorers

- Blockchain.com: <https://www.blockchain.com/explorer>
- WalletExplorer.com: <https://www.walletexplorer.com/>
- Bitquery: <https://explorer.bitquery.io/>
- Blockstream.info: <https://blockstream.info/>
- BitInfoCharts: <https://bitinfocharts.com/bitcoin/explorer/>

Blockchain Explorer

Blocks (Blockchain.com)



Search Blockchain, Transactions, Addresses and Blocks



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Wallet

Exchange

Bitcoin

Ethereum

Bitcoin Cash

BTC Testnet

Dogecoin/USD 0.08 ▲ 2.46% Optimism/USD 2.45 ▼ 3.28% Staked Ether/USD 1,808.50 ▲ 4.97% Binance USD/USD 1.00 ▼ 0.10% Chainlink/USD 7.53 ▲ 3.83%

Latest BTC Blocks



	Number	Hash	Miner	Mined	Tx Count	Nonce	Fill	Size	Total Sent	Total Fees
Developer	782255	0000-76a6	Unknown	33m 7s	884	67,714,846	316.76%	3,321,469 Bytes	3,392 BTC	0.27BTC
Wallet	782254	0000-8049	F2Pool	40m 55s	609	2,438,955,050	334.58%	3,508,312 Bytes	220 BTC	0.21BTC
Exchange	782253	0000-7ebc	Binance Pool	42m 20s	901	3,470,429,076	295.14%	3,094,722 Bytes	2,365 BTC	0.22BTC
Bitcoin	782252	0000-145f	F2Pool	43m 59s	1,986	205,408,991	226.30%	2,372,964 Bytes	8,508 BTC	0.29BTC
Ethereum	782251	0000-6aaa	Unknown	1h 7m 20s	898	1,271,523,283	238.36%	2,499,427 Bytes	7,089 BTC	0.27BTC
Bitcoin Cash	782250	0000-3c65	F2Pool	1h 19m 56s	996	308,705,390	311.61%	3,267,472 Bytes	5,729 BTC	0.25BTC

Blockchain Explorer

Blocks (Blockchain.com)



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703832



▲ 0.02% Cardano/USD 0.37 ▲ 0.91% Aptos/USD 12.98 ▲ 1.96% Solana/USD 22.05 ▲ 1.94% Polygon/USD 1.14 ▲ 1.69% OKB/USD 44.9%



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There are 3 blockchains with result(s) to your search:

703832



BTC Block 703,832



BCH Block 703,832



ETH Block 703,832

Blockchain Explorer

Blocks (Blockchain.com)

Bitcoin Block 703,832

Mined on October 06, 2021 09:09:20 • [All Blocks](#)

F2Pool

Coinbase Message • ,z>mml`qL+ g / o{ l<s+=%=O UNYI Et| p /F2Pool/ <

A total of 63,452.50 BTC (\$3,418,853,236) were sent in the block with the average transaction being 37.9274 BTC (\$2,043,547). F2Pool earned a total reward of 6.25 BTC \$336,753. The reward consisted of a base reward of 6.25 BTC \$336,753 with an additional 0.2673 BTC (\$14,402.26) reward paid as fees of the 1,673 transactions which were included in the block.

Details

Hash	00000-e2eda	Depth	78,427
Capacity	131.64%	Size	1,380,304
Distance	1y 5m 17d 16h 26m 24s	Version	0x20000004
BTC	63,452.5033	Merkle Root	88-df
Value	\$3,418,853,236	Difficulty	19,893,045,048,575.13
Value Today	\$1,796,554,202	Nonce	916,954,688
Average Value	37.9273779202 BTC	Bits	386,803,250
Median Value	0.04101578 BTC	Weight	3,998,290 WU
Input Value	63,452.77 BTC	Minted	6.25 BTC
Output Value	63,459.02 BTC	Reward	6.51727905 BTC
Transactions	1,673	Mined on	2021年10月06日 21:09:20
Witness Tx's	1,087	Height	703,832
Inputs	5,246	Confirmations	78,427
Outputs	4,545	Fee Range	0-452 sat/vByte
Fees	0.26727905 BTC	Average Fee	0.00015976
Fees Kb	0.0001936 BTC	Median Fee	0.00003765
Fees kWU	0.0000668 BTC	Miner	F2Pool

Wallet (WalletExplorer.com)

WalletExplorer.com: smart Bitcoin block explorer

369vh4SDxbZMvJojqumT2Ch8UMSsHzqiBT

Search

Address 369vh4SDxbZMvJojqumT2Ch8UMSsHzqiBT

part of wallet **[00008abae4]**

Can search for the wallet

Page 1 / 1 (total transactions: 42)

[Download as CSV](#)

date	received/sent	balance	transaction
2019-10-03 22:14:06	-0.00593616	0.	d8945f71f3876bd6939c163941d6b97346973ee3db19d5d14f4245ec1c302d16
2019-10-03 19:57:53	+0.00593616	0.	70aa9dc9b68af3f0ff36ba2414f1756261a841103fe98246fb70fdd432a7329b
2019-09-03 15:48:36	-0.00280136	0.	6a4858896f8f82d6831e0ccfa7e8a6ea4f42f3e1ee80c40e9fcdb2e4e270fc93
2019-09-03 12:23:09	+0.00280136	0.00280136	94d84e68906428efa19a5ad816488aef247e7aab0040aeeef2cd8302f8e6afdb
2019-08-30 19:40:52	-0.00299273	0.	e308a1bcb977ed835956984744677629d1ef1be76598ce0e80da4a4a6eab1bf3
2019-08-30 15:14:17	+0.00299273	0.00299273	671065979c01fe1254ce277dddef36a781f46bc7eddf949857a4d85087d055fd
2019-08-24 22:00:23	-0.00284696	0.	da295f84b71fcab34699805eebe56c5c11378df7c5246b05c334399cec1f6764
2019-08-24 18:11:11	+0.00284696	0.00284696	3dabb163f04e60fb0912d5f6efc435d9345b521cle90ff82781dff8211f2ec5
2019-08-22 02:34:19	-0.00283157	0.	673590dda28f9bc205c2114c73eebf5a06e82e0f1cf69293606e5fa6730b063f
2019-08-21 22:23:17	+0.00283157	0.00283157	4b6e98dfcbdb47efb5cf257db7d27353595402a2f927aa1511a7e1164811a99b
2019-08-20 01:15:11	-0.00257838	0.	c781fe5d06b512fed471c793411c27c3718d3d76f09ccbca725de08e13ca3459
2019-08-19 18:44:23	+0.00257838	0.00257838	acea8d8ed587f4ffb93bb1158f4c45a96c20a995cc768ad9cbe16787f5d8280f
2019-08-09 14:28:41	-0.0022948	0.	92bd1407b80ea192d46cc48d54bb5d384725a452502b6c4589d6553f8b25f385
2019-08-09 08:51:56	+0.0022948	0.0022948	9f69fdf299cc0fcfb3a9a9a6d6abc76609d0ff9cebcfd74c3a20ad40c3876878c

Wallet (WalletExplorer.com)

Wallet  **[00008abae4]** (show wallet addresses)

Page 1 / 6168 [Next...](#) [Last](#) (total transactions: 616,746)

[Download as CSV](#)

date	received/sent	balance	transaction
2021-10-09 15:02:13	+0.00022599	15.98435719	3a9fa613d59e300149aa...
2021-10-09 10:58:44	+0.00109161	15.9841312	6e0015eed97f8eb5354a...
2021-10-09 10:13:01	+0.00104063	15.98303959	30f5fd596438176c863e...
2021-10-09 04:04:48	+0.00517638	15.98199896	c59ccb986a74fb3e69a2...
2021-10-09 03:12:09	+0.000421	15.97682258	6dc18837fa9c8b8e3257...
2021-10-08 21:23:15	+0.00109157	15.97640158	4bec6ff137e0dedb4557...
2021-10-08 20:47:32	+0.00033294	15.97531001	72071cbd6ef200e3efdd...
2021-10-08 17:02:08	+0.00031228	15.97497707	3fbbbb8bd47bb1873af1...
2021-10-08 15:58:54	+0.02317776	15.97466479	63434fe4574b58c52c96...
2021-10-08 14:35:28	+0.016	15.95148703	38b1024f41034d9033b8...
2021-10-08 07:14:44	+0.00106732	15.93548703	06fe5be6a31fd749cd5c...
2021-10-08 05:36:34	+0.00318804	15.93441971	166742178023eb561a67...
2021-10-08 04:33:46	+0.01031357	15.93123167	51c9c0ee51681edde38d...

Wallet (WalletExplorer.com)

Wallet [00008abae4]

[\(show transactions\)](#)

last

column

block

Amt hcs.

Page 1 / 805 [Next...](#) [Last](#) (total addresses: 80,485)

address	balance	incoming txs	last used in block
3FHukM8AN6zhzaJ3ygBPdgQWBjn11pmojT	0.27093598	1112	639064
38GLudVcyk1ZPQZ4ZB6gCzjw6KBp36ACxC	0.25874229	333	704199
3D8Cqs3W84hQYLukEbemudK659ihBrx38p	0.21437264	295	620106
3BswFRWkFeVW8hLQrZqPBLhvAKjSLGcwQu	0.17972655	457	663434
3582LZG77CREjnkitYYK3kBHfWdrcP1tQp	0.16301667	636	598435
3HrXQjoJkxzJ6gvQqjH4xyZszPL2DWLb5	0.16115951	422	481723
3DZNbYdAg6XhbC8ZktMZgHtt5TRzpfdrfh	0.10937665	181	700662
3Hi515PXj6xXpGotd1fUQMYTXcDsMJ7Yv8	0.10191353	238	700415
3CGN8aWq9kYWQt676uVbMDRNXY5kpC3j3x	0.10032077	375	602726
3QP7KLcfZghNtNgJhhWbHacamdfKCTHDYM	0.09126961	659	698974
35av1LWeGYJWwTScvbaC5QYTiBWBN5dth	0.08324512	171	621536
3Eu2yMPj6nen25mt8YZxCQ5M1oCCQawCRq	0.081635	343	698409
33II9xkcxdfVvHVH7O2Nzui4mxOTIItWivmea	0.07931292	381	560402

Blockchain Explorer

Transactions (Blockchain.com)



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There are 3 blockchains with result(s) to your search:

703832

BTC Block 703,832

BCH Block 703,832

ETH Block 703,832

Blockchain Explorer

Transactions (Blockchain.com)

Transactions



Last



First



Value



Value



Fee



Fee

0 ID: 8127-c9a7
10/06/2021, 21:09:20

From Block Reward
To 4 Outputs

6.51727905 BTC • \$351,154
Fee 0 Sats • \$0.00

1 ID: f906-0c9e
10/06/2021, 21:09:20

From bc1q-c47z
To 2 Outputs

21.34462497 BTC • \$1,150,059
Fee 500.0K Sats • \$269.40

2 ID: c14a-55a2
10/06/2021, 21:09:20

From bc1q-vzej
To 2 Outputs

0.10436787 BTC • \$5,623.39
Fee 90.0K Sats • \$48.49

3 ID: a6e8-5c47
10/06/2021, 21:09:20

From 3BME-1yqt
To 1Dn4-CNUx

11.99500000 BTC • \$646,296
Fee 500.0K Sats • \$269.40

4 ID: 1ddc-ac03
10/06/2021, 21:09:20

From bc1q-m2j5
To 2 Outputs

0.10228076 BTC • \$5,510.94
Fee 75.6K Sats • \$40.75

5 ID: 17a4-005d
10/06/2021, 21:09:20

From bc1q-e7a4
To 2 Outputs

0.25202653 BTC • \$13,579.32
Fee 75.6K Sats • \$40.75

6 ID: 4d8f-3000
10/06/2021, 21:09:20

From 3AWD-CDed
To 2 Outputs

5.34055952 BTC • \$287,752
Fee 84.4K Sats • \$45.48

transaction position in the block

new outputs

first transaction is coinbase transaction.
Mining Reward.

Transactions (Blockchain.com)

Broadcasted on 06 Oct 2021 09:09:20 GMT+8

Hash ID

8127f3486f68a408aaa196bc7a9f54274491b5253
465601dba9d526290dc9a7

Amount 6.51727905 BTC • \$184,473
Fee 0 SATS • \$0.00

From Block Reward
To 4 Outputs

Confirmed



This transaction has 78,430 Confirmations. It was mined in Block 703,832



This transaction is efficient, no issues detected.



Decoded OP_Return
! g[w \u03a9 m< Oh u

Summary

This transaction was first broadcasted on the Bitcoin network on October 06, 2021 at 09:10 AM GMT+8. The transaction currently has 78,430 confirmations on the network. The current value of this transaction is now \$184,473.

Advanced Details

Hash	8127-c9a7	Block ID	703,832
Time	06 Oct 2021 09:09:20	Age	1y 5m 17d 16h 50m 17s
Inputs	1	Input Value	—
Outputs	4		\$0.00
Output Value	6.51727905 BTC \$184,473	Fee	0 BTC \$0.00
Fee/B	-	Fee/VB	-
Size	362 Bytes	Weight	1,340
Weight Unit	-	Coinbase	Yes
Witness	Yes	RBF	No
Locktime	1,055,961,070	Version	1
BTC Price	\$28,305.33		

Overview

JSON

From

1 Block Reward
0.00 BTC • \$0.00

To

Officer 3 Unknown.

1 F2Pool 2
6.51727905 BTC • \$184,473

2 Unknown
0.00000000 BTC • \$0.00

3 Unknown
0.00000000 BTC • \$0.00

4 Unknown
0.00000000 BTC • \$0.00

Transactions (Bitquery)



Bitcoin Mainnet transaction [81272f3486f68a408aaa196bc7a9f54274491b5253465601dba9d526290dc9a7](#) ↗

[Transaction](#)[Input Scripts](#)[Output Scripts](#)[Free DEX Swaps Ad](#)

Transaction Attributes

Attribute	Value
Block	703832
Timestamp	2021-10-06 13:09:20
Index in Block	0
Input Value	0 BTC
Output Value	6.51727905 BTC <small>\$343098.29</small>
Fee	0 BTC
Mined Value	6.51727905 BTC <small>\$343098.29</small>

Transaction Attributes Cont'd

Attribute	Value
Inputs	1
Outputs	4
Tx Coinbase	true <i>→ Yes true.</i>
Tx Size	362
Tx Vsize	335
Tx Weight	1340
Tx Version	1
Tx Locktime	1055961070

Blockchain Explorer

Transactions (Blockchain.com)



Broadcasted on 06 Oct 2021 09:09:20 GMT+8

Hash ID

f9062b822b773ca23c381a1783560c026836461f1
216f27dc2f3a43dfaf30c9e

Amount 21.34462497 BTC • \$604,576

Fee 500,000 SATS • \$141.62

From bc1qm-yc44z
To 2 Outputs

Confirmed



This transaction has 78,430 Confirmations. It was mined in Block 703,832



This transaction is efficient, no issues detected.

Cryptoslot

f9062b822b773ca23c381a1783560c026836461f1216f27dc2f3a43dfaf30c9e



Summary

This transaction was first broadcasted on the Bitcoin network on October 06, 2021 at 09:10 AM GMT+8. The transaction currently has 78,430 confirmations on the network. The current value of this transaction is now \$604,576.

Advanced Details

Hash	f906-0c9e	Block ID	703,832
Position	1 → 2nd transaction.	Time	06 Oct 2021 09:09:20
Age	1y 5m 17d 16h 56m 14s	Inputs	4
Input Value	21.34962497 BTC \$604,718	Outputs	2
Fee	0.00500000 BTC \$141.62	Output Value	21.34462497 BTC \$604,576
Fee/VB	822.368 sat/vByte	Fee/B	296.912 sat/B
Weight	2,431	Size	1,684 Bytes
Coinbase	No	Weight Unit	205.677 sat/WU
RBF	No	Witness	Yes
Version	2	Locktime	0
		BTC Price	\$28,324.53

Transactions (Blockchain.com)

[Overview](#)[JSON](#)**From**

- 1 [bc1qmexdxdpgwrz2k8xupnses85ylsyfktdvl8i...](#)
18.08462839 BTC • \$512,238
- 2 [bc1qmexdxdpgwrz2k8xupnses85ylsyfktdvl8i...](#)
1.09399875 BTC • \$30,987.00
- 3 [bc1qmexdxdpgwrz2k8xupnses85ylsyfktdvl8i...](#)
1.08799891 BTC • \$30,817.06
- 4 [bc1qmexdxdpgwrz2k8xupnses85ylsyfktdvl8i...](#)
1.08299892 BTC • \$30,675.44

To

- 1 [3MBZ9EsuJCXQjZVYvzK3oS8TYTjqH3V57i](#)
- 2 [bc1qmexdxdpgwrz2k8xupnses85ylsyfktdvl8i...](#)
16.28734386 BTC • \$461,331

output -

Address (Blockchain.com)



3MBZ9EsuJCXQjZVYvzK3oS8TYTjqH3V57i



There are 2 blockchains with result(s) to your search:

3MBZ9EsuJCXQjZVYvzK3oS8TYTjqH3V57i



BTC Address 3MBZ9-3V57i

→ choose this.



BCH Address 3MBZ9-3V57i

Blockchain Explorer

Address (Blockchain.com)



3MBZ9-3V57i

Base58 (P2SH)



Bitcoin Address

3MBZ9EsuJCXQjZVVyzK3oS8TYTjqH3V57i

USD

Bitcoin Balance

0.00999000 • \$282.77

Summary

This address has transacted 413 times on the Bitcoin blockchain. It has received a total of 6946.74149634 BTC \$196,632,311 and has sent a total of 6946.73150634 BTC \$196,632,028 The current value of this address is 0.00999000 BTC \$282.77.

Total Received ⓘ

6946.74149634 BTC
\$196,632,311

Transactions ⓘ

413

How many transactions.

Total Sent ⓘ

6946.73150634 BTC
\$196,632,028

Total Volume ⓘ

13893.473002679999 BTC
\$393,264,339

How to trace flow of Bitcoin?

E.g. 3GKRyZGYVz2ypCZVnGFap8Sn9TiUwTqMSG

- How to locate recent transactions related to this address?
- History of transactions related to this address?

we should locate recent transaction.
Locate transaction history.

How to trace? (Blockchain.com)

Start from the target address



There are 2 blockchains with result(s) to your search:

3GKRyZGYVz2ypCZVnGFap8Sn9TiUwTqMSG



BTC Address 3GKRy-TqMSG



BCH Address 3GKRy-TqMSG

Bitcoin Tracing

How to trace? (Blockchain.com)

Transactions sent to other addresses

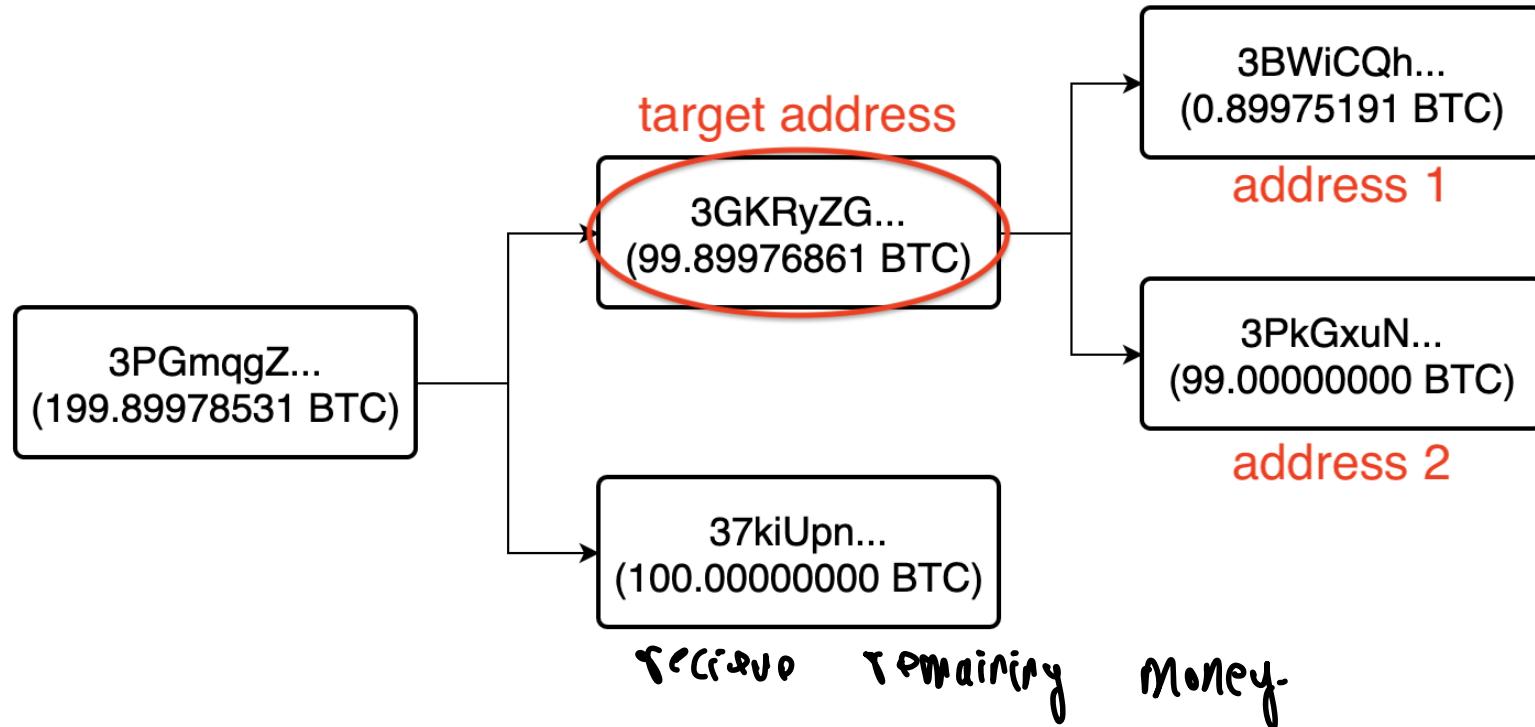
Summary	From	To	Fee	Block
<p>Sum This block \$2,825,213 0.00</p>  <p>ID: e6f5-991c 3/13/2018, 06:50:14</p>	<p>From 3GKR-qMSG</p> <p>To 2 Outputs</p>	<p>-99.89976861 BTC • -\$2,825,213 Fee 1.7K Sats • \$0.47</p>		2 BTC
<p>From</p> <p>1 3GKRyZGYVz2ypCZVnGFap8Sn9TiUwTqMSG 99.89976861 BTC • \$2,825,213</p>	<p>sent</p>	<p>To</p> <p>1 3BWiCQhuDgiu2HWAH518N6VAVdE1UQqkm5 0.89975191 BTC • \$25,445.42</p> <p>2 3PkGxuNuPDe3x6Nef3McgioFKyeAvgzg52 99.00000000 BTC • \$2,799,767</p>		<p>address 1</p> <p>address 2</p>
<p>Input.</p>  <p>ID: 8c34-fba7 3/13/2018, 06:50:14</p>	<p>From 3PGm-FSzX</p> <p>To 2 Outputs</p>	<p>99.89976861 BTC • \$2,825,213 Fee 1.7K Sats • \$0.47</p>		
<p>From</p> <p>1 3PGmqqZwJMJuPwMdCxRNwd3ArUciHAFSzX 199.89978531 BTC • \$5,653,261</p>	<p>received</p>	<p>To</p> <p>1 3GKRyZGYVz2ypCZVnGFap8Sn9TiUwTqMSG 99.89976861 BTC • \$2,825,213</p> <p>2 37kiUpnB1UJF9FGTUrRRExazJYsTJrGhG2 100.00000000 BTC • \$2,828,048</p>		

Combining and draw basic Money flow.

Bitcoin Tracing

How to trace? (Blockchain.com)

Transaction flow



Bitcoin Tracing

How to trace? (Blockchain.com)

outflow ↓

The screenshot shows a tracing interface on Blockchain.com. On the left, under 'From', a transaction is listed with one output to a 'target address' (3GKRYZGYVz2ypCZVnGFap8Sn9TiUwTqMSG) containing 99.89976861 BTC. On the right, under 'To', there are two outputs to 'address 1': one for 0.89975191 BTC and another for 99.00000000 BTC. A callout box points to the second output of address 1 with the text 'Funds were spent, click to view transaction.' Handwritten text 'outflow ↓' with an arrow points to the second output of address 1.

From	To
1 3GKRYZGYVz2ypCZVnGFap8Sn9TiUwTqMSG 99.89976861 BTC • \$2,825,213	address 1 1 3BWiCQhuDgiu2HWAH518N6VAVdE1UQqkm5 0.89975191 BTC • \$25,445.42 2 3PkGxuNuPDe3x6Nef3MczioFKyeAvgzg52 99.00000000 BTC • \$2,799,767

The screenshot shows a tracing interface on Blockchain.com. On the left, under 'From', a transaction is listed with one output to 'address 1' (3BWiCQhuDgiu2HWAH518N6VAVdE1UQqkm5) containing 0.89975191 BTC. On the right, under 'To', there is one output to 'address 3' (3DDYpGv7wNmkm88ShK26sLiY9s7Lic3vCK) containing 0.89975841 BTC. Handwritten text 'sent' is written next to the output to address 3.

From	To
1 address 1 3BWiCQhuDgiu2HWAH518N6VAVdE1UQqkm5 0.89975191 BTC • \$25,503.51	address 3 1 3DDYpGv7wNmkm88ShK26sLiY9s7Lic3vCK 0.89975841 BTC • \$25,503.13

Bitcoin Tracing

How to trace? (Blockchain.com)

From

1 3GKRYZGYVz2ypCZVnGFap8Sn9TiUwTqMSG ↗ ⓘ
99.89976861 BTC • \$2,829,057

target address

To

1 3BWICQhuDgiu2HWAH518N6VAVdE1 Funds were spent, click to view
0.89975191 BTC • \$25,480.04 transaction.

2 3PkGxuNuPDe3x6Nef3MczioFKyeAvgzg52 ↗ ⓘ
99.00000000 BTC • \$2,803,577



From

1 3PkGxuNuPDe3x6Nef3MczioFKyeAvgzg52 ↗ ⓘ
99.00000000 BTC • \$2,803,861

address 2

sent

To

1 3Kkstpk2KJJg88AgqcfeKQLN6ToptWDTEH ↗ ⓘ
7.00000000 BTC • \$198,252

address 4

2 3EduYPRVsiLJjtpN2cbVByG51DQrL8gBU ↗ ⓘ
91.99999165 BTC • \$2,605,608

address 5



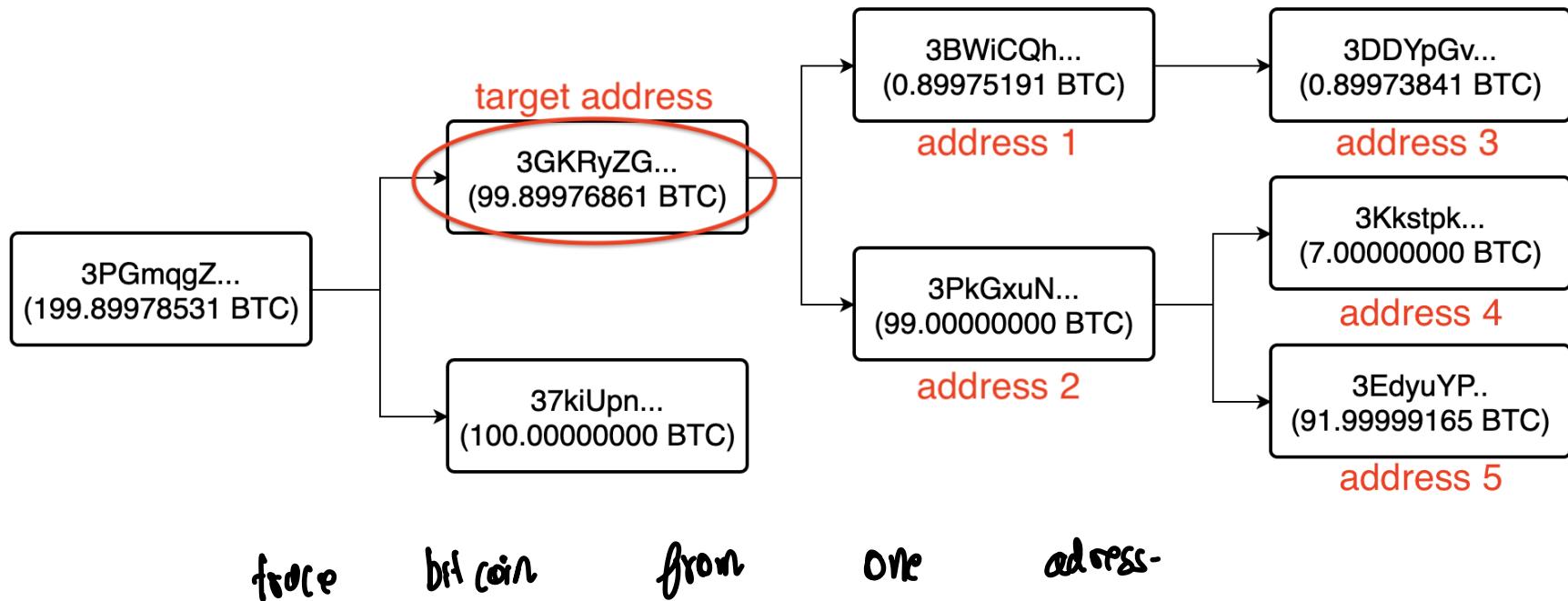
Combine

&

transactions

How to trace? (Blockchain.com)

Transaction flow



Different explorer different functions.

Bitcoin Tracing

How to trace? (WalletExplorer.com)

bitExplorer.com: smart Bitcoin block explorer

3GKRyZGYVz2ypCZVnGFap8Sn9TiUwTqMSG target address

Search a

Wallet [329608585f] [\(show wallet addresses\)](#)

Displaying wallet [329608585f], of which part is address 3GKRyZGYVz2ypCZVnGFap8Sn9TiUwTqMSG. Show only address 3GKRyZGYVz2ypCZVnGFap8Sn9TiUwTqMSG

Page 1 / 1 (total transactions: 2) [Download as CSV](#)

date	received/sent	balance	transaction
2018-03-12 22:50:14	-99. [edd30507ad] -0.89975191 [bc2d23bc4f] (-0.0000167) <i>fee</i>	0.	e6f54c8b65c1bed561e5...
2018-03-12 22:50:14	+99.89976861 [8f1e3be075]	99.89976861	8c34b8db7087eb638986...

Page 1 / 1 (total transactions: 2) [Download as CSV](#)

How to trace? (WalletExplorer.com)

Address 3GKRyZGYVz2ypCZVnGFap8Sn9TiUwTqMSG

part of wallet [329608585f]

Page 1 / 1 (total transactions: 2)

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date	received/sent	balance	transaction
2018-03-12 22:50:14	-99.89976861	0.	e6f54c8b65c1bed561e53e6a11f95450eacc560bf8a09c9f6ebfb8910b4e991c
2018-03-12 22:50:14	+99.89976861	99.89976861	8c34b8db7087eb638986d3fb5d29329b3ad9c733c9d25efa56c66693232cfba7

Page 1 / 1 (total transactions: 2)

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C16	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	#Address 3GKRyZGYVz2ypCZVnGFap8Sn9TiUwTqMSG (part of wallet 329608585fe7b4e2), page 1 from 1, transactions 1-2. Updated to block 704251 (2021-10-09 17:50:11 UTC). Source: WalletExplorer.com																
2	date	received/sent	balance	transaction													
3	12/3/2018 22:50	-99.89976861	0	e6f54c8b65c1bed561e53e6a11f95450eacc560bf8a09c9f6ebfb8910b4e991c													
4	12/3/2018 22:50	99.899769	99.899769	8c34b8db7087eb638986d3fb5d29329b3ad9c733c9d25efa56c66693232cfba7													
5																	
6																	
7																	
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on

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as

CSV

Bitcoin Tracing

How to trace? (Bitquery)

Bitquery **BETA** target address Bitcoin Mainnet Date range All time ▾

Address Inflow Outflow Money Flow

Latest Inbound Transfers from Transaction Outputs

Timestamp	Block	Amount	Type	Output Index in TX	Transaction
2018-03-12 22:50:14	513245	99.89976861 BTC	likely_not_change	0	8c34b8db7087eb638986d3fb5d29329b3ad9c733c9d25efa56c66693232cfba7

Address Inflow **Outflow** Money Flow

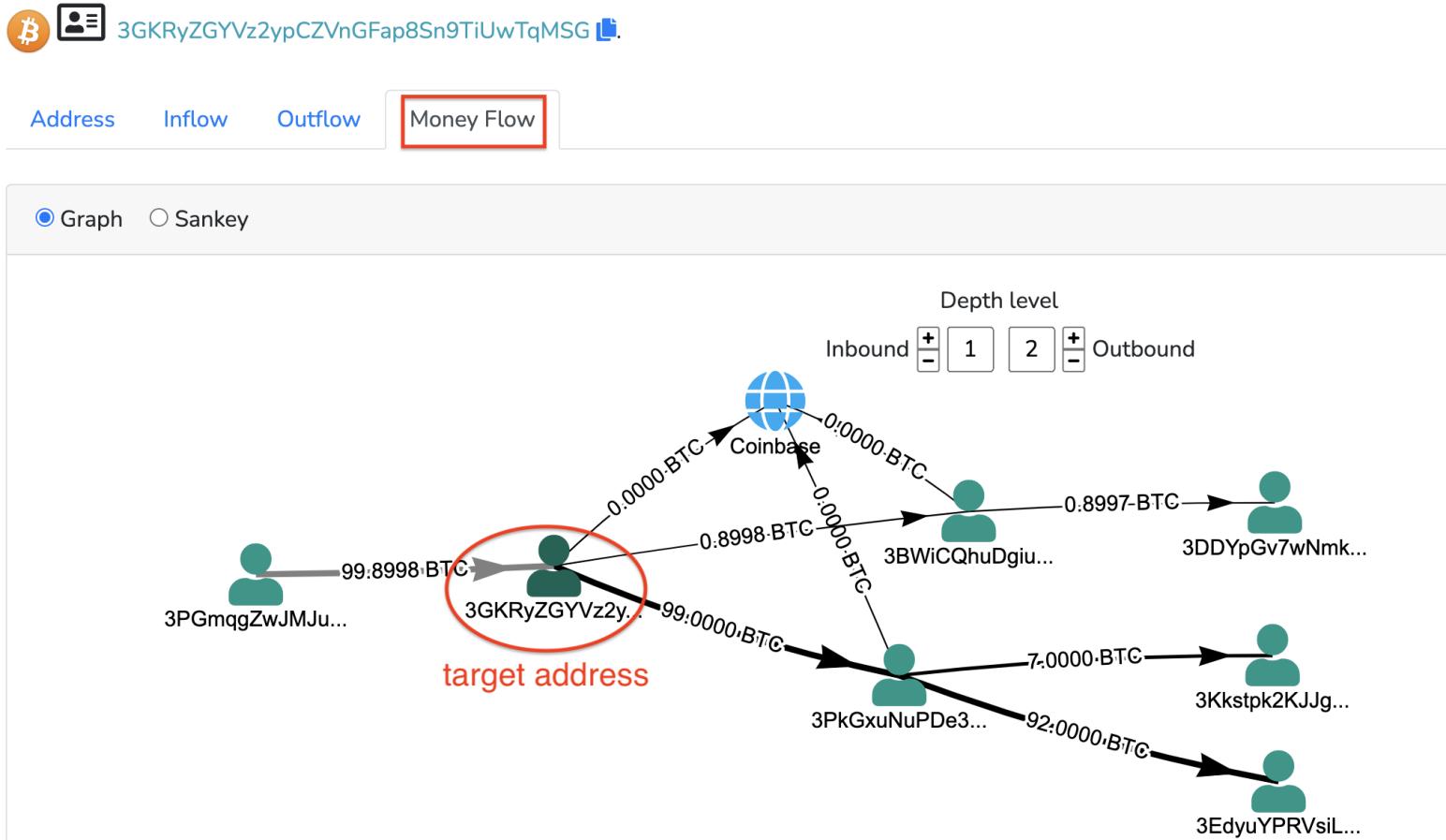
Latest Oubound Transfers from Transaction Inputs

transaction in inflow panel.

Timestamp	Block	Amount	Output Index in TX	Source TX	Index in Block	Input Index in TX	Transaction
2018-03-12 22:50:14	513245	99.89976861 BTC	0	8c34b8db7087eb638986d3fb5d29329b3ad9c733c9d25efa56c66693232cfba7	1889	0	e6f54c8b65c1bed561e53e6a11f95450ea...

Bitcoin Tracing

How to trace? (Bitquery)



How to trace? (WalletExplorer.com)

Transaction b93f0ea50dcb35761f89 a39e04b4a1862f594b307fcc850864de452f0bf80351

Txid	b93f0ea50dcb35761f89a39e04b4a1862f594b307fcc850864de452f0bf80351
Included in block	521452 (pos 1860)
Time	2018-05-06 07:36:02
Sender	 [3e5345c730]
Fee	0.0000261 BTC (6.18 satoshis/byte)
Size	422 bytes

inputs: 2 (11.2495 BTC) unique addresses: 2, source transactions: 2	outputs: 2 (11.2494739 BTC) unique addresses: 2, spent: 2 in 2 transactions
0. 3Kkstpk2KJJg88AgqcfeKQLN6ToptWDTEH 7. BTC  27591c37... 1. 3Qj9m1Znfrn5sAs5YDnCfDHYkXd3mLEZH8 4.2495 BTC  e4c658d0...	0. 3QeS2S3BuJMJBKgMXzGdZ7iVNhhe6rFoe2  [56fb75beda] 4.2494739 BTC 651044a3... ↗ 1. 1JwbNLQ7NYjJEKCNGjvMbXnatVnpf991mK  Bitrex.com 7. BTC f7b50f9a... ↗

↳ dogstarled.

How to trace? (BitInfoCharts)

Bitcoin Transaction b93f0ea50dcb35761f89a39e04b4a1862f594b307fcc850864de452f0bf80351

Share: [Twitter](#) [Reddit](#) [VK](#) [Like](#) [Facebook](#) [Email](#)

b93f0ea50dcb35761f89a39e04b4a1862f594b307fcc850864de452f0bf80351

Search

Block	521452
Time	2018-05-06 15:36:02
Size	204 (bytes)
Total Input	11.2495 BTC
Total Output	11.2494739 BTC
Fees	0.0000261 BTC

← prev tx 3Kkstpk2KJJg88AgqcfeKQLN6ToptWDTEH -7 BTC
wallet: 39674546

← prev tx 3Qj9m1Znfrn5sAs5YDnCfDHYkXd3mLEZH8 -4.2495 BTC
wallet: 39674546

1JwbNLQ7NYjJEKCNGjvMbXnatVnpf991mK 7 BTC
wallet: Bitrex.com

3QeS2S3BuJMJBKgMXzGdZ7iVNhhe6rFoe2 4.2494739 BTC
wallet: 58769323

bit by bit.
different explorers.

Fee: 0.0000261 BTC

Transaction sum: 11.2494739 BTC

Practicing Exercises

Bitcoin

Addresses:

- 1AAsCC6F5T5xyDeC2zsDPMQPn5eaaboXFt
- 1HWw9E5ehigRtdiZvQwkCvF9FzUcgoX4gQ
- 155vPxtHAuS6WiM4613eniLRS9wPiAEN6c

Practicing Exercises

Bitcoin

Questions to answer (for each address):

- What is the active period (UTC)? ↗
- What is the balance? → *summary info*
- How many transactions are related to this address? → *related transactions to this address*
- How many Bitcoins has the address received in total? → *summary info*
- In the most recent transaction (sent), how many output addresses does this address transfer money into?
- In the most recent transaction (received), how many Bitcoins have been transferred into this address?
- For the three addresses, which address was used as the self-change address (i.e., which address was used as both the input and output address in the transaction) ? Please comment on this type of transaction (containing self-change address). ↗ *use my same input address to receive.*

Practicing Exercises

Bitcoin

Addresses:

- 18JfsGfEk5AvT6JsLS6MwaN9pm83wLzZkr
- 12XkgARsEuU62kwpppqMNe9RJ7DRzWsbSw

Practicing Exercises

Bitcoin

Questions to answer (for each address):

- Please provide the money flow for the first two levels (outbound) using this address as the target.
- In your money flow chart, how many addresses are involved in total?
- Do the addresses on the second layer belong to the same wallet?
↳ Label for addresses.
- By using Explorers, have you found any addresses belonging to a Bitcoin exchange platform?
- Continuing from the previous question, if so, what is the active period for that address? If not, there is no need to answer.
↳ active period of address.

Practicing Exercises

Bitcoin

For the following addresses: Which addresses are related? Any suspicious behavior?

- 13T2p59HLYK4TrSHMLoGhxZQUMvgUG3THs
- 1BuzgcBBmJefMyWD9tUwzpejpFHkg2Ktwz
- 3LpsmotMNxRGw3XorfZXyDdhmvza6Mac4a
- 3Hwr27aN224zPFmUkSNEmkUABvoJP5QQ
- 367AkKepdFW4B7xX11J8xDiWPkjwMj3zBD
- 3PziXSRFSWKDhf5QAKUtWVzAeQwsA3q2La

References

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- Vigna, Paul, and Caitlin Ostroff. “Why Hackers Use Bitcoin and Why It Is So Difficult to Trace.” WSJ, 16 July 2020, www.wsj.com/articles/why-hackers-use-bitcoin-and-why-it-is-so-difficult-to-trace-11594931595.
- ETHEREUM DEVELOPMENT DOCUMENTATION. <https://ethereum.org/en/developers/docs/>