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## AML Risk Enhanced Report for ETH address



4bb7d80282f5e0616705d7f832acfc59f89f7091



Unidentified

Address belongs to a hacker (Bitmart hack 04.12.2021).

CURRENT BALANCE

0.041269 ETH

USD VALUE  
excl tokens

59 188.43 USD  
at 4243.54 USD/ETH rate

TOKENS

14 types

TOTAL INCL TOKENS

118 201.73 USD



## LIST OF IDENTIFIED RISKS

-  Address being a part of funds layering/mixing scheme related to hacked or misappropriated address
-  Address belongs to hacker
-  Address with significant part of incoming transactions in close proximity to hacker's addresses
-  Address with significant part of outgoing transactions in close proximity to mixers or tumblers addresses
-  Address with significant part of incoming transactions in close proximity to obliged service with no KYC process
-  Address with significant part of outgoing transactions in close proximity to obliged service with no KYC process
-  Address with significant part of outgoing transactions executed in round digital currencies amounts
-  Address with at least one transaction of quickly released incomes
-  Address with value peaks of incoming transactions
-  Address with value peaks of outgoing transactions
-  Address with significant part of incoming transactions the value of which is significantly higher than network average
-  Address with transactions incoming from new addresses
-  Address with multiple small transactions incoming from one specific address in a short period of time
-  Address with at least one incoming transaction equal to or exceeding 15k EUR
-  Address with significant part of single incoming transactions equal to or exceeding 15k EUR
-  Address with at least one outgoing transactions equal to or exceeding 15k EUR
-  Address with significant part of single outgoing transactions equal to or exceeding 15k EUR
-  Address with at least one incoming transaction equal to or exceeding 10k USD
-  Address with significant part of single incoming transactions equal to or exceeding 10k USD
-  Address with at least one outgoing transactions equal to or exceeding 10k USD



Address with significant part of single outgoing transactions equal to or exceeding 10k USD



UNIDENTIFIED

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**OWNERSHIP INFORMATION**

Name Unidentified

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Legal name N/A

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**ADDRESS PROFILES**

- Extensive user address
  - Hacker
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 FINANCIAL ANALYSIS

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TOTAL TRANSACTIONS 322

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TOTAL ETH TRANSFERS 322

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ETH TURNOVER 42 365.927536 ETH  
\$179 781 508.14

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 TOTAL ETH INPUT	21 195.727536 ETH \$89 944 917.63	 TOTAL ETH OUTPUT	21 170.2 ETH \$89 836 590.51
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AVG ETH INPUT	252.33009 ETH \$1 070 772.83	AVG ETH OUTPUT	74.021678 ETH \$314 113.95
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LARGEST	6 500 ETH \$27 583 010.00	LARGEST	100 ETH \$424 354.00
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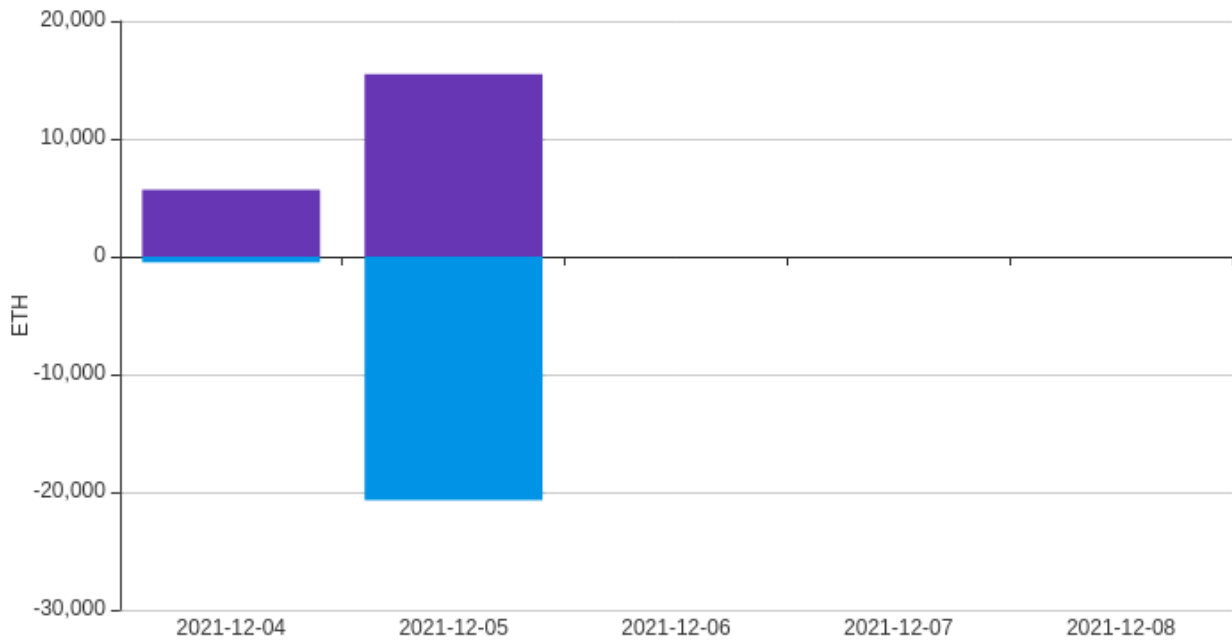
SMALLEST	0 ETH \$0.00	SMALLEST	0 ETH \$0.00
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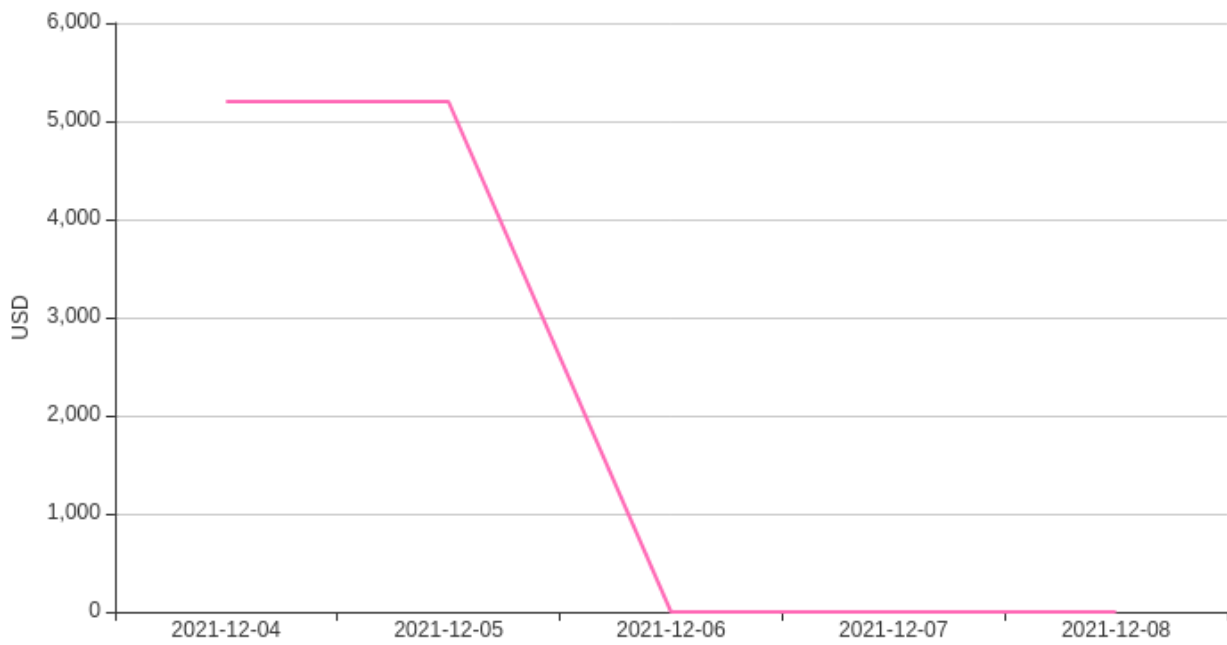
ETH INPUT TRANSFERS	84	ETH OUTPUT TRANSFERS	286
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## INPUT / OUTPUT

Input Output



## ETH BALANCE

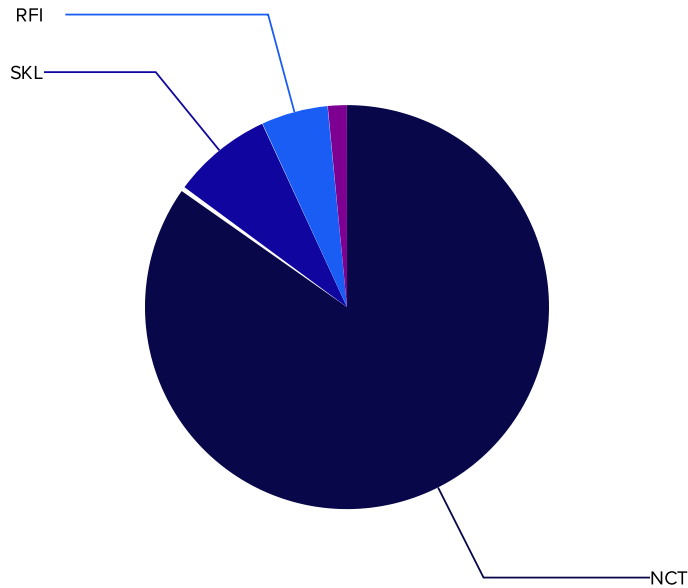




TOKENS THAT HAVE BEEN USED ON THIS ADDRESS.

SYMBOL	NAME	RATE (USD/TOKEN)	CURRENT BALANCE (IN TOKENS)	CURRENT VALUE (IN USD)
NCT	Nectar	0.01451122	3 461 506.729189	\$50 230.69
SKL	SKALE	0.21699346	21 806	\$4 731.76
RFI	reflectfinance	0.04995321	63 158.233085	\$3 154.96
STMX	StormX	0.02413228	37 124.516471	\$895.90
AKITA	AkitaInu	0.00000173	0	\$0.00
CRO	CRO	0.59513847	0	\$0.00
MANA	DecentralandMANA	3.64061086	0	\$0.00
FTM	FantomToken	1.54	0	\$0.00
HEX	HEX	0.13208878	0	\$0.00
HOT	HoloToken	0.00959232	0	\$0.00
OVR	OVR	2.63097143	0	\$0.00
POLS	PolkastarterToken	3.67521585	0	\$0.00
SAND	SAND	5.09610528	0	\$0.00
SRK	SparkPoint	0.00247281	0	\$0.00

TOKENS AMOUNT





Informative



Identified Risk



Decreasing Factor



Risk Verified But Not Identified

## Money laundering



Industry risk - not a regulated activity



Charges and adverse media



High risk owner



No or limited KYC



Address belongs to obliged service with no KYC process



Address with significant part of incoming transactions in close proximity to obliged service with no KYC process



Address with part of incoming transactions in close proximity to obliged service with no KYC process



Address with significant part of outgoing transactions in close proximity to obliged service with no KYC process



Address with part of outgoing transactions in close proximity to obliged service with no KYC process



Address belongs to obliged service with limited KYC process



Address with significant part of incoming transactions in close proximity to obliged service with limited KYC process



Address with part of incoming transactions in close proximity to obliged service with limited KYC process



Address with significant part of outgoing transactions in close proximity to obliged service with limited KYC process



Address with part of outgoing transactions in close proximity to obliged service with limited KYC process



Address belongs to obliged service which had no KYC and currently has limited KYC process



Address belongs to obliged service which had no KYC and has implemented full KYC process



Address belongs to obliged service which had limited KYC and has implemented full KYC process



Over the counter exchange
















Decentralized exchange



DeFi service



-  Increased risk entity
-  Increased risk country
-  Industry risk - regulated activity
-  Transactions impeding track of funds - multiple input - multiple output transactions
-  Transactions impeding track of funds - new addresses transactions
  -  Address with transactions incoming from new addresses
  -  Address with significant part of incoming transactions executed from new addresses
  -  Address with transactions outgoing to new addresses
  -  Address with significant part of outgoing transactions executed to new addresses
-  Transactions impeding track of funds - single incoming-outgoing transactions
-  Transactions impeding track of funds - rapid movement of funds
  -  Address with at least one transaction of quickly released incomes
  -  Address with significant part of transactions constituting quickly released incomes

## ! Transactions impeding track of funds - structuring payments

- ! Address with multiple small transactions incoming from one specific address in a short period of time
- N/A Address with significant part of transactions being multiple small transactions incoming from one specific address in a short period of time
- N/A Address with significant part of transactions being multiple small transactions incoming from one specific address in a short period of time
- N/A Address with multiple small transactions outgoing to another address in a short period of time
- N/A Address with significant part of transactions being multiple small transactions outgoing to another address in a short period of time
- N/A Address with multiple small transactions incoming from multiple other addresses in a short period of time
- N/A Address with significant part of transactions being multiple small transactions incoming from multiple other addresses in a short period of time
- N/A Address with multiple small transactions outgoing to multiple other addresses in a short period of time
- N/A Address with significant part of transactions being multiple small transactions outgoing to multiple other addresses in a short period of time
- N/A Address with significant part of single incoming transactions just below 15k EUR
- N/A Address with significant part of single outgoing transactions just below 15k EUR
- N/A Address with significant part of single incoming transactions just below 10k USD
- N/A Address with significant part of single outgoing transactions just below 10k USD

## N/A Transactions impeding track of funds - passing funds through miners

## N/A Transactions impeding track of funds - passing funds through delegates

## N/A Transactions impeding track of funds - transactions impossible or difficult to decrypt

## N/A Transactions with distinctive patterns - high value addresses

## N/A Transactions with distinctive patterns - accumulating funds

## N/A Transactions with distinctive patterns - dormant status

## N/A Transactions with distinctive patterns - activity intervals

## ! Transactions with distinctive patterns - inconsistent transactions patterns

- ! Address with value peaks of incoming transactions
- ! Address with value peaks of outgoing transactions

## ! Transactions with distinctive patterns - significant transactions value

! Address with significant part of incoming transactions the value of which is significantly higher than network average

N/A Address with significant part of outgoing transactions the value of which is significantly higher than network average

## N/A Transactions with distinctive patterns - significant transaction fees

## ! Transactions with distinctive patterns - round amounts

N/A Address with significant part of incoming transactions executed in round digital currencies amounts

! Address with significant part of outgoing transactions executed in round digital currencies amounts

## N/A Initial Coin Offerings issuers & beneficiaries

## N/A Initial Coin Offerings contributors

## N/A Restricted networks

## N/A Special addresses

## N/A Connected Parties

## N/A Staking

## N/A High risk exchanges

## N/A Financing of terrorism and proliferation

## ! Direct links to crime and fraud offences

### N/A Weapon trade or trafficking

### N/A Crime against person

### N/A Drugs trade

### N/A Darknet markets

### N/A Ransom

### N/A Blackmail

### N/A Scams & investment frauds

N/A Ponzi schemes

N/A Pump and dump

N/A Identity theft

N/A intellectual property piracy

N/A Credit card skimming or cloning

N/A Tax evasion

! Mixers & Tumblers

N/A Address belongs to mixer or tumbler

N/A Address with significant part of incoming transactions in close proximity to mixers or tumblers addresses

N/A Address with part of incoming transactions in close proximity to mixers or tumblers addresses

N/A Address with part of outgoing transactions in close proximity to mixers or tumblers addresses

! Address with significant part of outgoing transactions in close proximity to mixers or tumblers addresses

N/A Deep web

N/A Name of illicit activity

N/A Shutdown or inactive service

N/A Cybercrime risk - ransomware

## Cybercrime risk - hacking & misappropriation





-  Address which was hacked or misappropriated
-  Address being a part of funds layering/mixing scheme related to hacked or misappropriated address
-  Address with significant part of incoming transactions in close proximity to addresses which were hacked or misappropriated
-  Address with part of incoming transactions in close proximity to addresses which were hacked or misappropriated
-  Address related to unauthorized withdrawal
-  Address being a part of funds layering/mixing scheme related to unauthorized withdrawal
-  Address with significant part of incoming transactions in close proximity to addresses related to unauthorized withdrawal
-  Address belongs to hacker
-  Address with significant part of incoming transactions in close proximity to hacker's addresses
-  Address with part of incoming transactions in close proximity to hacker's addresses
-  Address with significant part of outgoing transactions in close proximity to hacker's addresses
-  Address with part of outgoing transactions in close proximity to hacker's addresses

## Sanctions





## Bribery and corruption

## AML reporting thresholds

### AML reporting thresholds (EUR)

-  Address with at least one incoming transaction equal to or exceeding 15k EUR
-  Address with significant part of single incoming transactions equal to or exceeding 15k EUR
-  Address with at least one outgoing transactions equal to or exceeding 15k EUR
-  Address with significant part of single outgoing transactions equal to or exceeding 15k EUR

### AML reporting thresholds (USD)

-  Address with at least one incoming transaction equal to or exceeding 10k USD
-  Address with significant part of single incoming transactions equal to or exceeding 10k USD
-  Address with at least one outgoing transactions equal to or exceeding 10k USD
-  Address with significant part of single outgoing transactions equal to or exceeding 10k USD

## Dust funds taint

N/A Blacklists and Whitelists

N/A Risk decreasing factors

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LAST 3 MONTHS

TOTAL TRANSACTIONS 322

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TOTAL ETH TRANSFERS 322

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TURNOVER 42 365.927536 ETH  
\$179 781 508.14

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 TOTAL ETH INPUT	21 195.727536 ETH \$89 944 917.63	 TOTAL ETH OUTPUT	21 170.2 ETH \$89 836 590.51
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AVG ETH INPUT	252.33009 ETH \$1 070 772.83	AVG ETH OUTPUT	74.021678 ETH \$314 113.95
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LARGEST	6 500 ETH \$27 583 010.00	LARGEST	100 ETH \$424 354.00
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SMALLEST	0 ETH \$0.00	SMALLEST	0 ETH \$0.00
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ETH INPUT TRANSFERS	36	ETH OUTPUT TRANSFERS	286
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LAST 6 MONTHS

TOTAL TRANSACTIONS 322

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TOTAL ETH TRANSFERS 322

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TURNOVER 42 365.927536 ETH  
\$179 781 508.14

 TOTAL ETH INPUT	21 195.727536 ETH \$89 944 917.63	 TOTAL ETH OUTPUT	21 170.2 ETH \$89 836 590.51
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AVG ETH INPUT	252.33009 ETH \$1 070 772.83	AVG ETH OUTPUT	74.021678 ETH \$314 113.95
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LARGEST	6 500 ETH \$27 583 010.00	LARGEST	100 ETH \$424 354.00
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SMALLEST	0 ETH \$0.00	SMALLEST	0 ETH \$0.00
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ETH INPUT TRANSFERS	36	ETH OUTPUT TRANSFERS	286
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## LAST 12 MONTHS

TOTAL TRANSACTIONS **322**

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TOTAL ETH TRANSFERS **322**

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TURNOVER **42 365.927536 ETH**  
\$179 781 508.14

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 TOTAL ETH INPUT **21 195.727536 ETH**  TOTAL ETH OUTPUT **21 170.2 ETH**  
\$89 944 917.63 \$89 836 590.51

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AVG ETH INPUT **252.33009 ETH** AVG ETH OUTPUT **74.021678 ETH**  
\$1 070 772.83 \$314 113.95

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LARGEST **6 500 ETH** LARGEST **100 ETH**  
\$27 583 010.00 \$424 354.00

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SMALLEST **0 ETH** SMALLEST **0 ETH**  
\$0.00 \$0.00

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ETH INPUT TRANSFERS **36** ETH OUTPUT TRANSFERS **286**

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## FIRST INCOMING TRANSACTION

TRANSACTION HASH **426f5f628bd5799f75495110cf2a626ce94d03ce48544e7fb47570d999ec8433**

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BLOCK TIME **04.12.2021 23:51:44**

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BLOCK HEIGHT **13742734**

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TRANSACTION AMOUNT **5 500 ETH**

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TRANSACTION USD VALUE **\$22 434 225.00**

#### FIRST OUTGOING TRANSACTION

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TRANSACTION HASH	7c815f43b3bd1d071d979d35be3cd07087a4035b8be17dfefd154a31d4f711ba
BLOCK TIME	04.12.2021 23:51:44
BLOCK HEIGHT	13742770
TRANSACTION AMOUNT	100 ETH
TRANSACTION USD VALUE	\$408 195.00

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#### LAST INCOMING TRANSACTION

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TRANSACTION HASH	94b91a1c7746469a47402a5f02a6ca6ac7d8643b302bfb9f45b7a8c38d4c113b
BLOCK TIME	05.12.2021 18:42:03
BLOCK HEIGHT	13747654
TRANSACTION AMOUNT	0.000032 ETH
TRANSACTION USD VALUE	\$0.13

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#### LAST OUTGOING TRANSACTION

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TRANSACTION HASH	93c70a33f8a7f8f9002005aff3dd6515c176912b5c532befe60121800752c61a
BLOCK TIME	05.12.2021 15:01:21
BLOCK HEIGHT	13746718
TRANSACTION AMOUNT	10 ETH
TRANSACTION USD VALUE	\$41 507.90

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LAST 24 HOURS ACTIVITY

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INFLOW	0 ETH
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OUTFLOW	0 ETH
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AVERAGE INFLOW	0 ETH
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AVERAGE OUTFLOW	0 ETH
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**Address** an address is like a bank account and for example a Bitcoin address starts with either a '1' or a '3' or a 'bc1' and is 26-35 alphanumeric characters in length. The address is generated from the private key, which is required to move assets assigned to this address to another address(es).

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**Anti-Money Laundering (AML)** the process of systems and controls that are applied to deter, disrupt and detect the flow of illicit value between collusive criminals that represents the proceeds of crimes and predicate offences such as tax evasion, sanctions evasion, theft, counterfeiting and fraud.

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**Blockchain** is a public ledger that records transactions that are performed. This is achieved without any trusted central authority as the maintenance of the blockchain is performed by a network of communicating nodes running the software. Network nodes validate transactions, add them to their copy of the ledger, and then broadcast these ledger additions to other nodes.

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**Combating the Financing of Terrorism (CFT)** the process of deterring and disrupting the financing of terrorism and proliferation. It is increasingly difficult to distinguish from money laundering activity due to the collusive conduct of terrorist financiers and transnational organized criminals, but it is typically distinguished from money laundering on the grounds that the sources of money laundering must be criminal, whereas the sources of finance for terrorism include donations from lawfully earning income. The goal of money laundering is typically a financial gain, while the goal of terrorism financing is typically ideological activity.

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**Customer Due Diligence (CDD)** a process to assess all of the risks associated with a client or relationship, including KYC, and that requires that the overall client conduct, and transactions are assessed to determine if this is unusual and reportable. CDD requires that obliged entities assess the risks before entering in to a relationship, and continuously thereafter in response to trigger events or suspicious activity for example. It is a continual process that is designed to assess and monitor changes in customer risks.

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**Decentralised Virtual Currencies** (cryptocurrencies) are distributed, open-source, mathematically-based peer-to-peer virtual currencies that have no central administering authority, and no central monitoring or oversight. Examples include: Bitcoin, Ethereum, Litecoin and Namecoin.

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**Distributed Ledger (Shared Ledger)** 'Ledgers', or put simply, records of activity, were historically maintained on paper, more recently these were transferred to bytes on computers, and are now supported by algorithms in blockchains. They are essentially an asset database that can be shared across a network of multiple sites, geographies or institutions. All participants within a network can have their own identical copy of the ledger. Any changes to the ledger are reflected in all copies in minutes, or in some cases, seconds. The assets can be financial, legal, physical or electronic. The security and accuracy of the assets stored in the

ledger are maintained cryptographically using 'keys' and signatures to control who can do what within the shared ledger. Entries can also be updated by one, some or all of the participants, according to rules agreed by the network. (Taken from UK Government: 'Distributed Ledger Technology: beyond block chain').

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Electronic money (e-money) is an electronic store of monetary value, based on technological mechanism for holding and accessing fiat currency.

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Enhanced Customer Due Diligence (EDD) is a higher standard of due diligence, including identity verification and investigation that is required to be performed for those clients and relationships that have been identified as presenting the greatest risk of financial crimes. These risks include among others PEPs, Correspondent Banking, non-face-to-face activities such as virtual currency and private banking.

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Exchanger / virtual currency exchange is a website service, or an entity, engaged as a business in the exchange of virtual currency for real currency, funds, or other forms of virtual currency and also precious metals, and vice versa, for a fee (commission). Exchangers generally accept a wide range of payments, including cash, wire payments, credit cards, and other virtual currencies. Individuals typically use exchangers to deposit and withdraw money from virtual currency accounts. Examples include: Bitstamp, GDAX, Kraken, OKCoin and ItBit.

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Fiat Currency is legal tender that is backed by the central government who issued it. Examples are the US Dollar, Japanese Yen and UK Sterling.

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'Fifth' EU Money Laundering Directive (5MLD) is an amendment to the 4MLD that was agreed in response to the terrorist attacks across Europe in 2015 and 2016. The new law must be transposed by member states by 10th January 2020, and new measures include the requirement for virtual currency exchange services and virtual currency custodian wallet providers to be treated as 'obliged entities'.

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FinTech refers to new applications, processes, products or business models that are being applied to improve the efficiency and security of financial services.

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Fourth EU Money Laundering Directive (4MLD) is European response to the FATF 40 Recommendations from February 2012 and was required to be transposed by EU member states by 26th June 2017.

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Hash A hash value (or simply hash), also called a message digest, is a string of characters generated from a string of digital data, e.g. a pdf file. The hash is substantially smaller than the text itself and is generated by a formula in such a way that it is extremely unlikely that some other text will produce the same hash value and it is extremely difficult to reverse to identify the source message.

Know Your Customer (KYC)	the identification and verification of the natural person, legal entity or legal arrangement through identifying information, such as name and address, and the verification of these details to identify fraud, misrepresentation etc.
Money Laundering	a process to disguise the illicit source of value, either by self-laundering or through the placement, layering or integration process, conducted by criminals who ultimately wish to use this value for self-gratification, or to continue to finance their illicit activities.
Money Laundering Reporting Officer (MLRO)	the chief compliance officer responsible for all AML/CFT activities and responsible for ensuring that an obliged entity is not used by criminal or the financiers of terrorism.
Nodes	are computers in the blockchain network which receive new transactions and blocks, validate these transactions and blocks and spread valid transactions and blocks to connected nodes and ignore invalid transactions and blocks. It is generally considered that the more nodes exist in the network, the more secure the is the system.
Politically Exposed Person (PEP)	a person of high public office who may be able to influence the misappropriation of public funds whilst in office, or the awarding of public contracts. Include members of government, ruling classes such as Presidents, Royalty, Ministers of the Government and military and judiciary. The families of PEPs, and their close business associates, are also included due to the close affinity and trust that they may enjoy in their relationship, and which may lead to the PEP using these relationships as 'front' or 'informal' nominees.
Private Key	a private key is a cryptographic code that functions as a secret password that allows the user to sign a cryptocurrency transaction and transfer funds to another cryptocurrency address. Using the private key proves ownership of cryptocurrency.
Sanctions	when applied to financial services, represent a prohibition on providing regulated services to the subject of the sanction, and the requirement to freeze and report any assets that are held to the local jurisdiction sanctions administrator, such as OFAC or HMT.
Simplified Due Diligence (SDD)	a lower level of customer due diligence verification that can be performed where there is no, or a lesser, risk of money laundering.
Trading platforms	function as marketplaces, bringing together buyers and sellers of virtual currencies by providing them

with a platform on which they can offer and bid among themselves. In contrast to exchanges, the trading platforms do not engage in the buying and selling themselves. Some trading platforms give their customers the option of locating potential customers nearby. Examples include LocalBitcoins.com and Mycelium Local Trader.

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#### Transaction Fee

Is earned by miners when a transaction is completed. The minimum transaction fee required is determined by the "size" (kilobytes) of the transaction data. Most small transactions require a fee of about 0.0001 BTC and transactions with larger fees are given priority to be added to the block, so they are usually confirmed faster than transactions with low fees.