



AML Risk Report generated by Coinfirm's AML/CTF Platform (<https://www.coinfirm.com>).  
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## AML Risk Enhanced Report for ETH address



8f6a86f3ab015f4d03ddb13abb02710e6d7ab31b



Unidentified

Address related to a hacker (MonoX Protocol exploit November 2021).

CURRENT BALANCE

0.028724 ETH

USD VALUE  
excl tokens

11 160 906.58 USD  
at 4397.01 USD/ETH rate

TOKENS


















3 types

TOTAL INCL TOKENS

22 321 686.86 USD



## LIST OF IDENTIFIED RISKS

-  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 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 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 high value current balance
-  Address with dust funds tainted by incoming transactions from address belongs to mixer or tumbler
-  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

**OWNERSHIP INFORMATION**

Name Unidentified

Legal name N/A

**ADDRESS PROFILES**

- Hacker

 FINANCIAL ANALYSIS

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TOTAL TRANSACTIONS 7

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TOTAL ETH TRANSFERS 7

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ETH TURNOVER **200.151595** ETH  
\$880 068.57

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 TOTAL ETH INPUT	<b>100.151595 ETH</b> \$440 367.57	 TOTAL ETH OUTPUT	<b>100 ETH</b> \$439 701.00
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AVG ETH INPUT	<b>16.691933 ETH</b> \$73 394.59	AVG ETH OUTPUT	<b>50 ETH</b> \$219 850.50
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LARGEST	<b>100 ETH</b> \$439 701.00	LARGEST	<b>100 ETH</b> \$439 701.00
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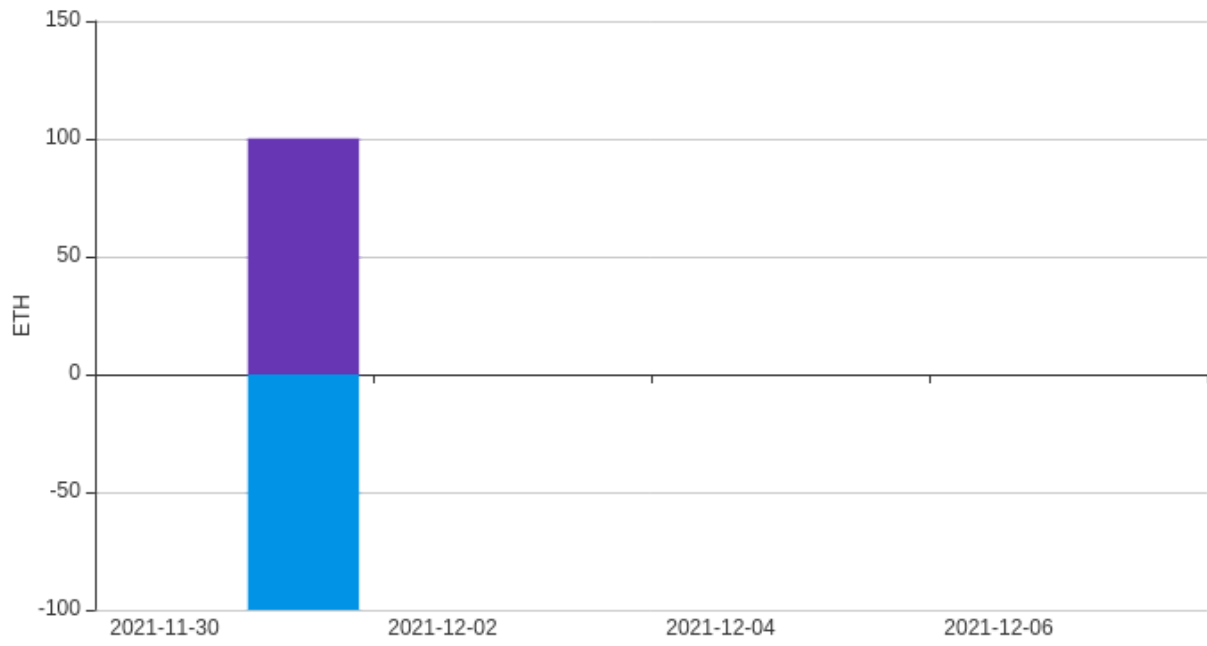
SMALLEST	<b>0 ETH</b> \$0.00	SMALLEST	<b>0 ETH</b> \$0.00
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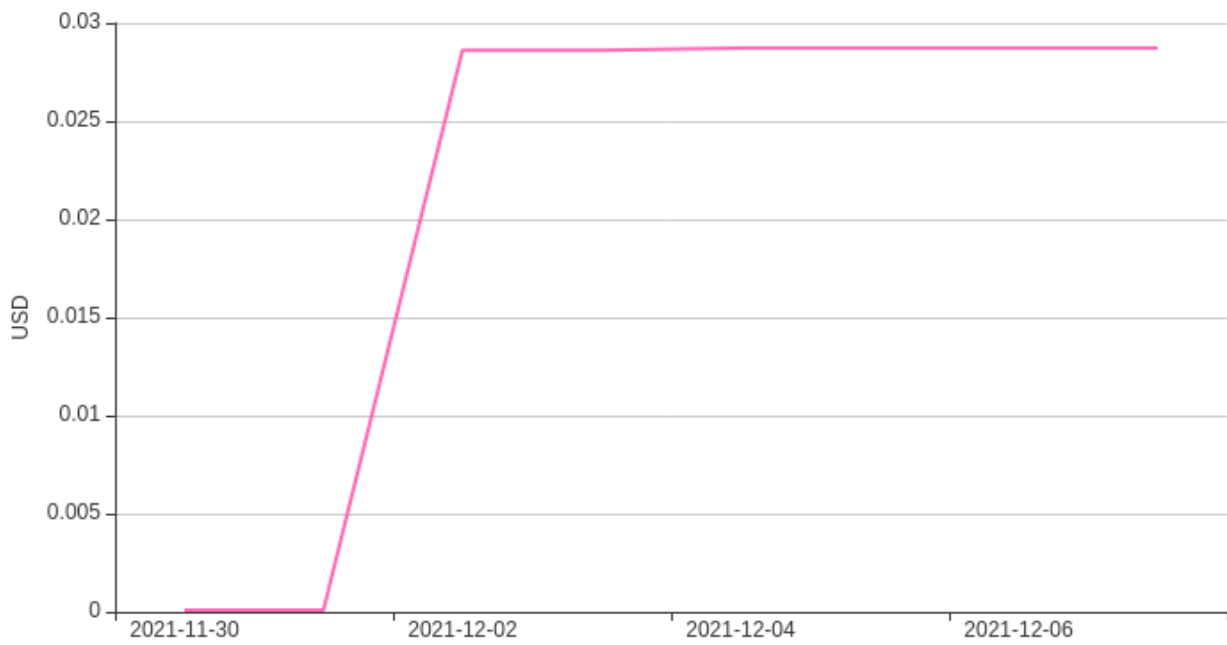
ETH INPUT TRANSFERS	<b>6</b>	ETH OUTPUT TRANSFERS	<b>2</b>
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## INPUT / OUTPUT

Input Output



## ETH BALANCE

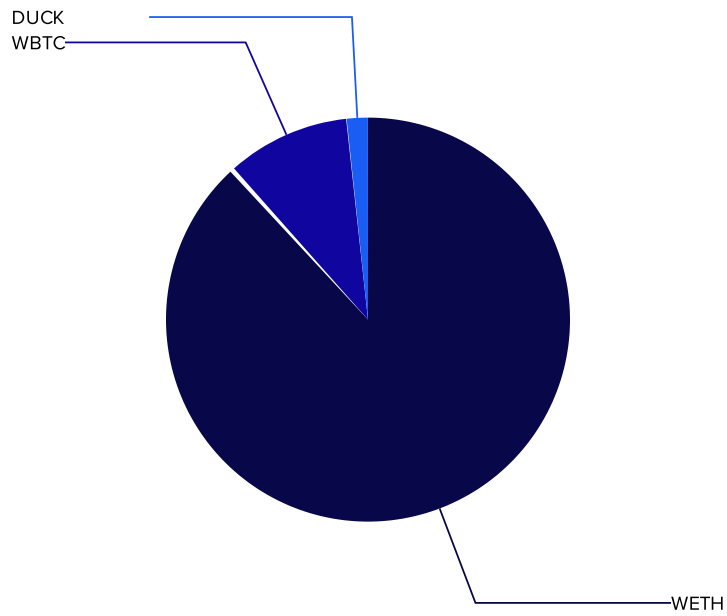




TOKENS THAT HAVE BEEN USED ON THIS ADDRESS.

SYMBOL	NAME	RATE (USD/TOKEN)	CURRENT BALANCE (IN TOKENS)	CURRENT VALUE (IN USD)
WETH	WrappedEther	4389.46626645	2 249.15133	\$9 872 568.05
WBTC	WrappedBTC	51330.59210068	21.427971	\$1 100 014.59
DUCK	UnitProtocol	0.03650167	5 155 863.718617	\$188 197.64

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

- N/A Increased risk entity
- N/A Increased risk country
- N/A Industry risk - regulated activity
- N/A Transactions impeding track of funds - multiple input - multiple output transactions
- N/A Transactions impeding track of funds - new addresses transactions
- N/A Transactions impeding track of funds - single incoming-outgoing transactions
- N/A Transactions impeding track of funds - rapid movement of funds
- N/A Transactions impeding track of funds - structuring payments
- 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
- ! Transactions with distinctive patterns - high value addresses
  - ! Address with high value current balance
  - N/A Address with high value historic balance
  - N/A Address maintaining high value balance for a long period of time
- N/A Transactions with distinctive patterns - accumulating funds
- N/A Transactions with distinctive patterns - dormant status
- N/A Transactions with distinctive patterns - activity intervals
- N/A Transactions with distinctive patterns - inconsistent transactions patterns
- N/A Transactions with distinctive patterns - significant transactions value
- N/A Transactions with distinctive patterns - significant transaction fees
- N/A Transactions with distinctive patterns - round 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





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

## N/A Sanctions





## N/A Bribery and corruption

## i 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

-  Terrorism financing
-  Weapon trade or trafficking
-  Crime against person
-  Drugs trade
-  Darknet markets
-  Ransom
-  Blackmail
-  Scams & investment frauds
-  Ponzi schemes
-  Pump and dump
-  Identity theft
-  Intellectual property piracy
-  Credit card skimming or cloning

 Tax evasion

 Mixers & Tumblers


 Address with dust funds tainted by incoming transactions from address belongs to mixer or tumbler

 Deep web

 Cybercrime risk - ransomware

 Cybercrime risk - hacking & misappropriation

 High risk exchanges

 No or limited KYC

 Sanctioned country subject

 Sanctioned subject

 Politically exposed person (PEP)

 Blacklists and Whitelists

 Risk decreasing factors

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LAST 3 MONTHS

TOTAL TRANSACTIONS 7


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TOTAL ETH TRANSFERS 7

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TURNOVER **200.151595 ETH**  
\$880 068.57

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 TOTAL ETH INPUT	<b>100.151595 ETH</b> \$440 367.57	 TOTAL ETH OUTPUT	<b>100 ETH</b> \$439 701.00
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AVG ETH INPUT	<b>16.691933 ETH</b> \$73 394.59	AVG ETH OUTPUT	<b>50 ETH</b> \$219 850.50
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LARGEST	<b>100 ETH</b> \$439 701.00	LARGEST	<b>100 ETH</b> \$439 701.00
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SMALLEST	<b>0 ETH</b> \$0.00	SMALLEST	<b>0 ETH</b> \$0.00
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ETH INPUT TRANSFERS	<b>5</b>	ETH OUTPUT TRANSFERS	<b>2</b>
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LAST 6 MONTHS



TOTAL TRANSACTIONS 7

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TOTAL ETH TRANSFERS 7

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TURNOVER **200.151595** ETH  
\$880 068.57

 TOTAL ETH INPUT	<b>100.151595</b> ETH \$440 367.57	 TOTAL ETH OUTPUT	<b>100</b> ETH \$439 701.00
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AVG ETH INPUT	<b>16.691933</b> ETH \$73 394.59	AVG ETH OUTPUT	<b>50</b> ETH \$219 850.50
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LARGEST	<b>100</b> ETH \$439 701.00	LARGEST	<b>100</b> ETH \$439 701.00
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SMALLEST	<b>0</b> ETH \$0.00	SMALLEST	<b>0</b> ETH \$0.00
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ETH INPUT TRANSFERS	<b>5</b>	ETH OUTPUT TRANSFERS	<b>2</b>
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## LAST 12 MONTHS

TOTAL TRANSACTIONS 7



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TOTAL ETH TRANSFERS 7

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TURNOVER **200.151595** ETH  
\$880 068.57

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 TOTAL ETH INPUT	<b>100.151595</b> ETH \$440 367.57	 TOTAL ETH OUTPUT	<b>100</b> ETH \$439 701.00
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AVG ETH INPUT	<b>16.691933</b> ETH \$73 394.59	AVG ETH OUTPUT	<b>50</b> ETH \$219 850.50
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LARGEST	<b>100</b> ETH \$439 701.00	LARGEST	<b>100</b> ETH \$439 701.00
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SMALLEST	<b>0</b> ETH \$0.00	SMALLEST	<b>0</b> ETH \$0.00
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ETH INPUT TRANSFERS	<b>5</b>	ETH OUTPUT TRANSFERS	<b>2</b>
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## FIRST INCOMING TRANSACTION

TRANSACTION HASH [b7b249ca3d0b8ef9461c1175af89ee2cba502a9f1c8c864a9bd1d85124ff9146](#)

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BLOCK TIME 30.11.2021 18:36:08

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BLOCK HEIGHT 13716388

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TRANSACTION AMOUNT 0.0001 ETH

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TRANSACTION USD VALUE \$0.46

#### FIRST OUTGOING TRANSACTION

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TRANSACTION HASH	56cd3cb667c32f9aa0855c72a9e402e4ad99a4beeceea846a004793d93a1c43f
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BLOCK TIME	01.12.2021 05:37:52
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BLOCK HEIGHT	13719311
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TRANSACTION AMOUNT	0 ETH
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TRANSACTION USD VALUE	\$0.00
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#### LAST INCOMING TRANSACTION

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TRANSACTION HASH	1f556e240187da237ed8d62b8a7624a3273eaff2b6b4f6804d54505c097447ea
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BLOCK TIME	03.12.2021 16:24:34
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BLOCK HEIGHT	13734585
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TRANSACTION AMOUNT	0.000102 ETH
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TRANSACTION USD VALUE	\$0.46
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#### LAST OUTGOING TRANSACTION

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TRANSACTION HASH	b7f5b98a5db7b6e543d2d17e77121296646ebbe904c841556c23ffe9f744d515
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BLOCK TIME	01.12.2021 05:44:55
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BLOCK HEIGHT	13719352
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TRANSACTION AMOUNT	100 ETH
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TRANSACTION USD VALUE	\$473 310.00
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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.