INVESTIGATIVE
INTELLIGENCE REPORT

Project Name:

ATOM PROTOCOL

ASSURE DEFI

Project Name:

ATOM PROTOCOL

Project Name: **Atom Protocol**
Blockchain: **Avalanche**
Token (If Applicable): **Atom $ATM**

Token Contract Address:
0x223370B121b7208cf2fFE8F47441D05ed589a492

Quantity of Responsible Parties w/ Identification on File with **Assure DeFi LLC**: **1**
Nationality of Responsible Parties: **France**

Date Investigation Was Opened:
2/21/22

Alleged Scam/Fraud Type:
Fraud, Honeypot, Rugpull

CONTACT INFORMATION TO OBTAIN KYC & IDENTITY INFORMATION ON FILE:

Direct Contact
Email: **chapo@assureteam.io**
Twitter DM: **www.twitter.com/el_crypto_chapo/**
Telegram DM: **https://t.me/el_crypto_chapo/**

Mailing Address
Assure DeFi LLC
c/o United States Corporation Agents, Inc
411 Wolf Ledges Parkway, Suite 201
Akron, OH 44311

Estimate of Injured Parties:
1000+

Estimate Funds Stolen:
$87,440

Last Known Location of Funds:
706 AVAX Currently In The Following Wallet:
https://snowtrace.io/address/0x160c3e643f167af68956d1f8ea9af0e69e9ecab0

A portion of the stolen funds (351.997 AVAX) have been withdrawn to Binance via the following TX:
https://snowtrace.io/tx/0x140f83477622bf2f4c7e4443d23ae639618f04cfd8369e483fedbee2c25b1c0f

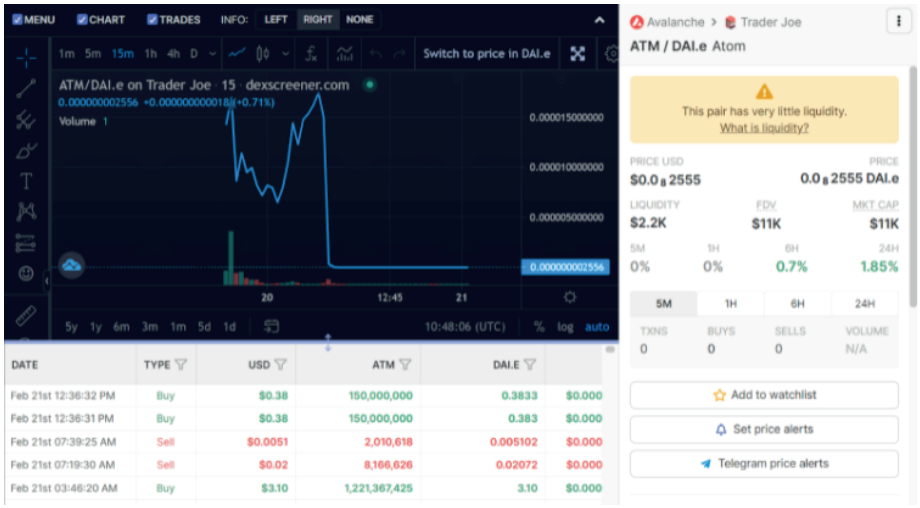
BACKGROUND INFORMATION

Atom Protocol was promised to be a high-yield node protocol with an extensive roadmap filled with items such as NFT's, P2E, DaaS & the creation of a DAO. Within 1 day of their launch, the project owners changed the token contract to disable investor's ability to sell their tokens & then drained the value out of the liquidity pool.

According an article by **Ambcrypto:**

The developers of this protocol posted a rather "polite" message on Twitter before deleting all its social channels on 20 February.

Soon after, its Discord channel was turned off too. Furthermore, the sale of its token ATM has also been halted, with the coin's price completely tanking on the charts.



The funds from the liquidity pool were transferred out to a personal wallet address, attempted to "wash"/hide & then partially withdrawn to a centralized exchange (CEX).

TIMELINE OF EVENTS

Project Launch: **2/19/22 10:12:58 PM UTC**

Liquidity added to Trader Joe DEX (Avalanche Network) via TX below:
https://snowtrace.io/tx/
0x20a2c105b46d945d533debaa8f082bf635382f73177140abad4c228f2d334522

Initial Liquidity

10,000 DAI.e **42,000,000,000 ATM**

(0xd586E7F844cEa2F87f50152665BCbc2C279D8d70) **(0x223370B121b7208cf2fFE8F47441D05ed589a492)**

LP Tokens Created

20,493,901.53191919676644107 Joe LP Token

(0x39194AA7681d4e4a7b1468E2f76ECCFDB6f88E9f)

At ~6:00AM on 2/20/22

The token contract was changed to disable all sells
<<Missing transaction/contract confirmation>>

The responsible party minted **4,200,000,000 ATM** tokens via this transaction:
https://snowtrace.io/t/0xcf342a6d824a2107df6ed6a81160c1df8e826efcfe7d582257dc56493177193d

The newly minted tokens were sent to this address:
0xa875a5170a3464debfc04aa4fd1aea903be40a5c

This address then sold the newly minted tokens into the **Trader Joe liquidity pool** and extracted **87440 DAI** via a series of **36** swaps shown below:

DateTime	From	To	Value	TokenSymbo
2/20/2022 6:32	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	12,000	DAI.e
2/20/2022 6:49	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	10,000	DAI.e
2/20/2022 6:49	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	8,000	DAI.e
2/20/2022 6:50	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	8,000	DAI.e
2/20/2022 6:51	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	6,000	DAI.e
2/20/2022 6:52	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	5,000	DAI.e
2/20/2022 6:52	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	4,000	DAI.e
2/20/2022 6:53	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	5,000	DAI.e
2/20/2022 6:54	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	3,000	DAI.e
2/20/2022 6:54	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	4,000	DAI.e
2/20/2022 6:55	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	2,000	DAI.e
2/20/2022 6:56	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	2,000	DAI.e
2/20/2022 6:57	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	2,000	DAI.e
2/20/2022 6:57	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	2,000	DAI.e
2/20/2022 6:58	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	2,000	DAI.e
2/20/2022 6:59	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	2,000	DAI.e
2/20/2022 7:00	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	1,700	DAI.e
2/20/2022 7:01	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	1,400	DAI.e
2/20/2022 7:02	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	1,200	DAI.e
2/20/2022 7:03	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	1,000	DAI.e
2/20/2022 7:04	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	800	DAI.e
2/20/2022 7:05	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	10	DAI.e
2/20/2022 7:13	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	700	DAI.e
2/20/2022 7:13	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	600	DAI.e
2/20/2022 7:14	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	400	DAI.e
2/20/2022 7:15	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	300	DAI.e
2/20/2022 7:15	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	300	DAI.e
2/20/2022 7:16	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	100	DAI.e
2/20/2022 7:17	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	300	DAI.e
2/20/2022 7:17	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	300	DAI.e
2/20/2022 7:18	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	300	DAI.e
2/20/2022 7:19	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	300	DAI.e
2/20/2022 7:19	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	250	DAI.e
2/20/2022 7:20	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	250	DAI.e
2/20/2022 7:21	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	150	DAI.e
2/20/2022 7:22	0x39194aa7681d4e4a7b1468e2f76eccfdb6f88e	0xa875a5170a3464debfc04aa4fd1aea903be40a	80	DAI.e
		TOTAL SUM	**87440.00**	DAI.e

Continued

87340 DAI was swapped for **1,068.527 AVAX** via this tx:

https://snowtrace.io/t/0x19ea3c1c5be510d6ec80dc60051dbf06ed668398a7c3884daf6269a6294e5291

Tornado Cash is a mixer that allows users to obfuscate their digital trail on various blockchains, including the Avalanche network. Tornado Cash improves transaction privacy by breaking the on-chain link between source & destination addresses.

Tornado Cash was used in an attempt to obfuscate the digital trail & hide the destination of the funds **(1,060 AVAX total)** at this point via the following **8 transactions:**

500 AVAX	https://snowtrace.io/tx/0x4aa3158cdd524d33e045351b682769dcf68d9d525705ea7b5b3b1453daa882e
500 AVAX	https://snowtrace.io/tx/0x0e33f3d3550726049cc0ff11a16fab9c149a382e6bb2a0678c34f92224188c90
10 AVAX	https://snowtrace.io/tx/0xb801a305281d455a44fa31449c1fdbcd139c6347de954eee584634748d334175
10 AVAX	https://snowtrace.io/tx/0x65b84be134e6de63ca7c58a52489d1bf3837b800dca4b5e2c0cbfe502f7c265e
10 AVAX	https://snowtrace.io/tx/0xad21277a6ba16532f4c4aaa15611338b9951db4241968ae13196afab1b4f41c7
10 AVAX	https://snowtrace.io/tx/0xad21277a6ba16532f4c4aaa15611338b9951db4241968ae13196afab1b4f41c7
10 AVAX	https://snowtrace.io/tx/0xa991fabd7943d9ebc6bab8144b5781eabf6b9c383c9f3182b8438dc4e81dda70
10 AVAX	https://snowtrace.io/tx/0x7ec99b2b622a5269b2f7c4dddf4d356ff2fe22446e1e6e001037c7cd20027f49

Summary of Tornado Cash Transactions/Analysis

Given enough time between deposit/withdrawal, it becomes difficult to distinguish between inputs/outputs when looking at the Tornado Cash contract interactions.

However, in this case the responsible party used large transaction sizes (more easily identifiable) and also immediately withdrew after depositing. This makes it straightforward to link the inputs/outputs and keep the digital trail of funds intact. There are very few **500 AVAX** Tornado Cash deposits/withdraws. Tornado Cash is not used as heavily on Avalanche chain & the frequency of **500 AVAX** transactions is limited to **less than one per hour.**

Take note of the timing of the transactions below.

Transactions | Internal Txns | ERC20 Token Txns | Comments

Latest 25 from a total of 167 transactions

Txn Hash	Method	Block	Age	From		To	Value	[Txn Fee]
0x7ec99b2b622a5269b2...	Deposit	11225319	10 hrs 2 mins ago	0xa875a5170a3464debf...	OUT	0x0d5550d52428e7e317...	10 AVAX	0.103885728951
0xa991fabd7943d9ebc6...	Deposit	11225315	10 hrs 2 mins ago	0xa875a5170a3464debf...	OUT	0x0d5550d52428e7e317...	10 AVAX	0.103885728951
0xc69a89fab10cd67114f...	Deposit	11225310	10 hrs 2 mins ago	0xa875a5170a3464debf...	OUT	0x0d5550d52428e7e317...	10 AVAX	0.104465915656
0xad21277a6ba1653214...	Deposit	11225300	10 hrs 2 mins ago	0xa875a5170a3464debf...	OUT	0x0d5550d52428e7e317...	10 AVAX	0.107117089834
0x65b84be134e6de63ca...	Deposit	11225295	10 hrs 3 mins ago	0xa875a5170a3464debf...	OUT	0x0d5550d52428e7e317...	10 AVAX	0.107715322416
0xb801a305281d455a44...	Deposit	11225277	10 hrs 3 mins ago	0xa875a5170a3464debf...	OUT	0x0d5550d52428e7e317...	10 AVAX	0.107715322416
0x0e33f3d3550726049c...	Deposit	11224958	10 hrs 14 mins ago	0xa875a5170a3464debf...	OUT	0x0d5550d52428e7e317...	500 AVAX	0.153973828112
0x4aa3158cbdd524d33e...	Deposit	11224821	10 hrs 19 mins ago	0xa875a5170a3464debf...	OUT	0x0d5550d52428e7e317...	500 AVAX	0.144534398276

Transactions | Internal Txns | Contract | Events | Comments

Latest 25 internal transaction

View All

Parent Txn Hash	Block	Age	From		To	Value
0x64a3f66fc10e236d332...	11233662	5 hrs 17 mins ago	Tornado.Cash: 500 AVAX	→	0x4cb9d2489640b44140...	0.06388065502655 AVAX
0x64a3f66fc10e236d332...	11233662	5 hrs 17 mins ago	Tornado.Cash: 500 AVAX	→	0x091f2a5d9de42191cf7...	499.93611934497345 AVAX
0xb7f147f3e73dcec94ad...	11232135	6 hrs 8 mins ago	0x0d5550d52428e7e317...	→	Tornado.Cash: 500 AVAX	500 AVAX
0x98a033e034bc51f0b0...	11225215	10 hrs 4 mins ago	Tornado.Cash: 500 AVAX	→	0x52dbecb925cfe1f95a7...	0.1103136273779 AVAX
0x98a033e034bc51f0b0...	11225215	10 hrs 4 mins ago	Tornado.Cash: 500 AVAX	→	0x160c3e643f167af6895...	499.8896863726221 AVAX
0x0e33f3d3550726049c...	11224958	10 hrs 13 mins ago	0x0d5550d52428e7e317...	→	Tornado.Cash: 500 AVAX	500 AVAX
0x59b6124d0dbd3b4c39...	11224933	10 hrs 14 mins ago	Tornado.Cash: 500 AVAX	→	0x4cb9d2489640b44140...	0.11526230779952 AVAX
0x59b6124d0dbd3b4c39...	11224933	10 hrs 14 mins ago	Tornado.Cash: 500 AVAX	→	0x160c3e643f167af6895...	499.88473769220048 AVAX
0x4aa3158cbdd524d33e...	11224821	10 hrs 18 mins ago	0x0d5550d52428e7e317...	→	Tornado.Cash: 500 AVAX	500 AVAX
0xc47def70c931b1c56ae...	11177838	1 day 12 hrs ago	Tornado.Cash: 500 AVAX	→	0x52dbecb925cfe1f95a7...	0.08018228405777 AVAX
0xc47def70c931b1c56ae...	11177838	1 day 12 hrs ago	Tornado.Cash: 500 AVAX	→	0x172275777f85d76203cf...	499.91981771594223 AVAX
0x1bdd4ac3ac99ed3bc1...	11177787	1 day 12 hrs ago	0x0d5550d52428e7e317...	→	Tornado.Cash: 500 AVAX	500 AVAX
0x75b2beb90d279085fe...	11047333	4 days 14 hrs ago	Tornado.Cash: 500 AVAX	→	0x4cb9d2489640b44140...	0.07961959685048 AVAX
0x75b2beb90d279085fe...	11047333	4 days 14 hrs ago	Tornado.Cash: 500 AVAX	→	0x4673f81079054f4b673...	499.92038040314952 AVAX
0x3d217e09ae74958392...	11045785	4 days 15 hrs ago	0x0d5550d52428e7e317...	→	Tornado.Cash: 500 AVAX	500 AVAX
0xb6d06e89a0fd4dd530...	11000128	5 days 17 hrs ago	Tornado.Cash: 500 AVAX	→	0x4cb9d2489640b44140...	0.06451040957951 AVAX
0xb6d06e89a0fd4dd530...	11000128	5 days 17 hrs ago	Tornado.Cash: 500 AVAX	→	0xe7c9510c1774caf10b3...	499.93548959042049 AVAX
0x6988862af5e34f95ffbf...	10999981	5 days 17 hrs ago	0x0d5550d52428e7e317...	→	Tornado.Cash: 500 AVAX	500 AVAX

When looking at where these two particular **500 AVAX** withdraws came out of Tornado Cash, they both went to the same address, **0x160c3e643f167af68956d1f8ea9af0e69e9ecab0.**

The transaction history for this particular address is as follows:

Transactions | Internal Txns | Comments

Latest 8 internal transactions

Parent Txn Hash	Block	Age	From		To	Value
0xc62b072799e20cd74d...	11225435	10 hrs 2 mins ago	Tornado.Cash: 10 AVAX	→	0x160c3e643f167af6895...	9.95702213568213 AVAX
0xb6176defa549cde1cc5...	11225413	10 hrs 3 mins ago	Tornado.Cash: 10 AVAX	→	0x160c3e643f167af6895...	9.95664852736224 AVAX
0x31f2e7cc45866104d3...	11225405	10 hrs 3 mins ago	Tornado.Cash: 10 AVAX	→	0x160c3e643f167af6895...	9.95664852736224 AVAX
0x083f29f46d07323fe29...	11225392	10 hrs 4 mins ago	Tornado.Cash: 10 AVAX	→	0x160c3e643f167af6895...	9.95664852736224 AVAX
0x7e840befcd3f9890e3d...	11225381	10 hrs 4 mins ago	Tornado.Cash: 10 AVAX	→	0x160c3e643f167af6895...	9.95571190321833 AVAX
0xc9ce81ae82d01973ce...	11225370	10 hrs 5 mins ago	Tornado.Cash: 10 AVAX	→	0x160c3e643f167af6895...	9.95571190321833 AVAX
0x98a033e034bc51f0b0...	11225215	10 hrs 10 mins ago	Tornado.Cash: 500 AVAX	→	0x160c3e643f167af6895...	499.8896863726221 AVAX
0x59b6124d0dbd3b4c39...	11224933	10 hrs 20 mins ago	Tornado.Cash: 500 AVAX	→	0x160c3e643f167af6895...	499.88473769220048 AVAX

[Download CSV Export]

It should be noted that these deposits mirror the **Tornado cash** inputs from the **Atom Protocol** exit scam exactly.

All 1,060 AVAX that was deposited into **Tornado cash** from this event landed in this wallet.

A portion of the stolen funds **(351.997 AVAX)** have been withdrawn to **Binance** via the following TX ID:

https://snowtrace.io/tx/0x140f83477622bf2f4c7e4443d23ae639618f04cfd8369e483fedbee2c25b1c0f

The remainder of the stolen funds **(706 AVAX)** currently still remain in the following wallet:
https://snowtrace.io/address/0x160c3e643f167af68956d1f8ea9af0e69e9ecab0

RECOMMENDED ACTION ITEMS/NEXT STEPS FOR ADVERSELY AFFECTED PARTIES

Contact Binance Support with details of the alleged fraudulent activity and request that the account the stolen funds have been withdrawn to be **frozen immediately (Priority)**

Details regarding filing support request with **Binance:**
https://www.binance.com/en/support/faq/360000006051

File law enforcement reports with the following agencies:

Europol CyberCrime:
https://www.europol.europa.eu/report-a-crime/report-cybercrime-online

AMF (French Financial Authority):
https://www.amf-france.org/fr/signaler-une-arnaque-ou-une-anomalie

NEXT STEPS FOR ASSURE

- Leverage blockchain forensics/investigative partners to perform a deeper analysis of the on-chain events & create formalized report
- Aggregate the information contained within this report & that provided by our investigative partners to complete a Formal Evidence Package
- Assure will provide guidance on additional appropriate jurisdictions & agencies to which injured parties can file reports

RESOURCES

If you have additional information related to this case, please submit via Assure DeFi's scam reporting form using the following link:

https://www.assuredefi.io/scam-reporting-form

Contact Assure DeFi directly via the following channels:

Twitter Direct Message:

www.twitter.com/assuredefi/

Email: chapo@assuredefi.io

ASSURE DEFI

THE VERIFICATION **GOLD STANDARD**