





(U//LES) Crypto Cliff Notes – What Law Enforcement Needs to Know

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Unified Missouri Cybersecurity Program

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Established in July 2019

Built a Cybersecurity Program with all three Missouri Fusion Centers

Pillars

IntelligenceCoordinationOutreach

Program Deliverables & Resources

- Weekly Cybersecurity Oper-Source Intelligence Wrap Up
- Vulnerability notification
- Gathering and processing cyber intelligence
- Intelligence dissemination and logging
- OSINT gathering (including dark web)
- Indicators of Compromise (IOC) research
- Requests for information
- ESF-14 Cybersecurity Planning and working group coordination

- Participation in the National Fusion Center Association Cyber Intelligence Network (CIN)
- ESF-14 Exercises and ESF-14 After Action Reviews
- Conducting Tabletop Exercises for stakeholders
- Conduct Incident Response Workshops for stakeholders
- Cyber Intelligence Partners (CIP) Program
- Cyber Training (local government, schools, etc.)
- Host Missouri Executive Branch Government Cyber Intel bi-monthly call (2x/month)
- Developing and disseminating cyber intelligence products

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Midwest Cryptocurrency Task Force

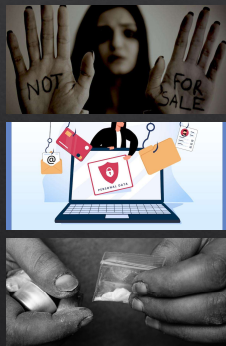
- ◆ Established in the summer of 2023
- ◆ Consists of local, state, and federal law enforcement
- ◆ Resource to local and state agencies by providing case support and tracing of cryptocurrency
- ◆ Provides deconfliction and can identify cases than can go federal
- ◆ Originated in St. Louis with founding members of the Saint Louis Fusion Center, FBI—St. Louis, Secret Service—St. Louis, IRS—CI St. Louis, and the U.S. Attorney's Office Eastern District of MO
- ◆ Expanded quickly beyond the St. Louis Metro due to the need for assistance from agencies throughout the Midwest

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Cryptocurrency

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Why Should LE Know About Cryptocurrency?

- ◆ Crimes involving cryptocurrency
 - ◆ Drug sales
 - ◆ Human trafficking
 - ◆ Fraud
 - ◆ Darknet transactions
 - ◆ Cybercrimes
 - ◆ CSAM
 - ◆ Terrorism
 - ◆ And many more...

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What is Cryptocurrency?

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Digital payment stored in digital wallets

Peer to Peer system posted to the blockchain

Blockchain is a decentralized, distributed, and public digital ledger to record transactions

Cryptocurrency mining

What is Bitcoin Mining?

How Bitcoin Transactions work

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Missouri Mining

Infinite & Finite

FINITE: 4,114 CRYPTOCURRENCIES, BITCOIN, XRP, BINANCE COIN, LIDO, AND CARDANO

INFINITE: LIMIT HOW MUCH OF THEIR COIN CAN BE MINED IN A YEAR

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Bitcoin

19,756,325 Bitcoin in circulation

Total amount of 21,000,000 Bitcoin

To be mined: 1,243,675 Bitcoin

New Bitcoins are mined and added to the Blockchain every 10 minutes

Final Bitcoin to be mined is 2140.

The scarcity of Bitcoin, once all is mined, will cause an influx in its value and will remain at a fixed value.

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Types of Cryptocurrency

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Cryptocurrency Wallets



PAPER



HARDWARE



ONLINE


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Example:



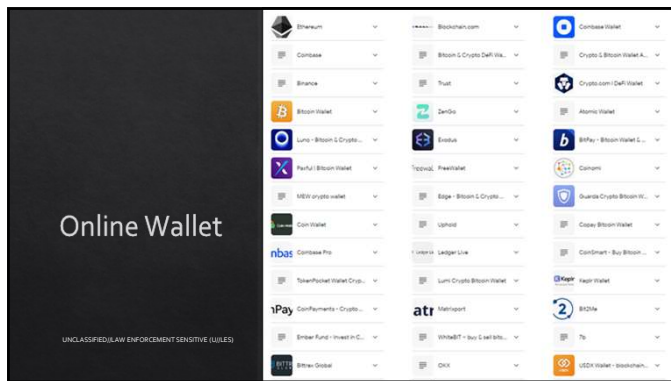
Paper Wallet

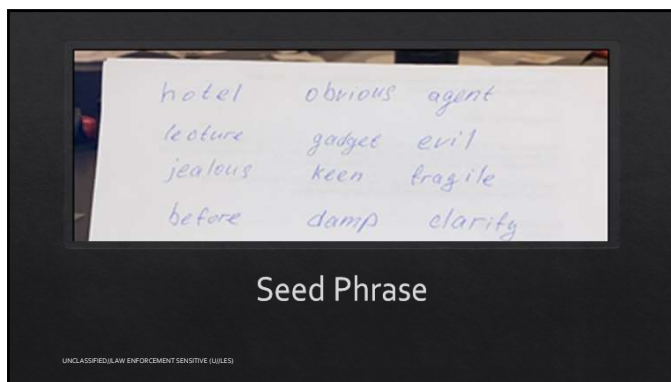
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Hardware Wallet

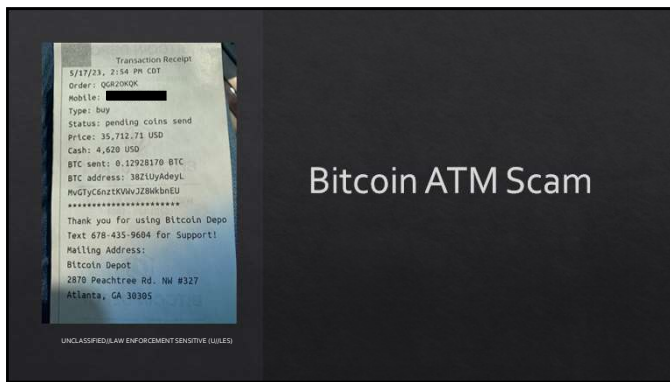
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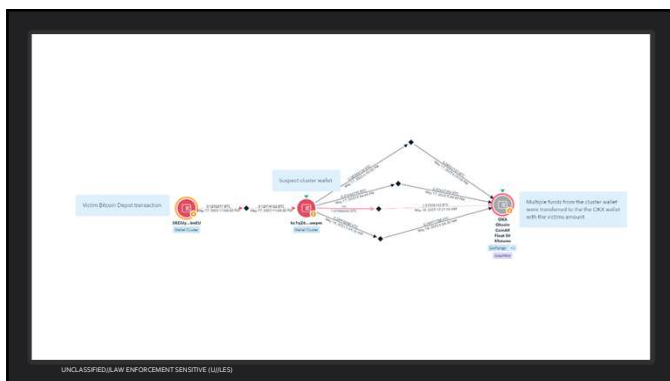









Bitcoin ATM Scam



Victim Bitcoin Depot transaction



0.1292817 BTC
May 17, 2023 11:09:30 PM

38ZiUy...bnEU

Wallet Cluster

38ZiUyAdeyLMvGTyC6nztKVWvJZ8WkbnEU

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BITCOIN DEPOT

File Related Request - Fraud or Scam Victim

Bitcoin Depot is a digital wallet service that allows users to store, send, and receive Bitcoin. It is a popular choice for users who want to keep their Bitcoin safe and secure. Bitcoin Depot is a digital wallet service that allows users to store, send, and receive Bitcoin. It is a popular choice for users who want to keep their Bitcoin safe and secure.

1. Name	
2. Email Address	
3. Phone Number	
4. Your present address	

Bitcoin Depot

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Victim Bitcoin Depot transaction



0.1292817 BTC
May 17, 2023 11:09:30 PM

38ZiUy...bnEU

Wallet Cluster

38ZiUyAdeyLMvGTyC6nztKVWvJZ8WkbnEU

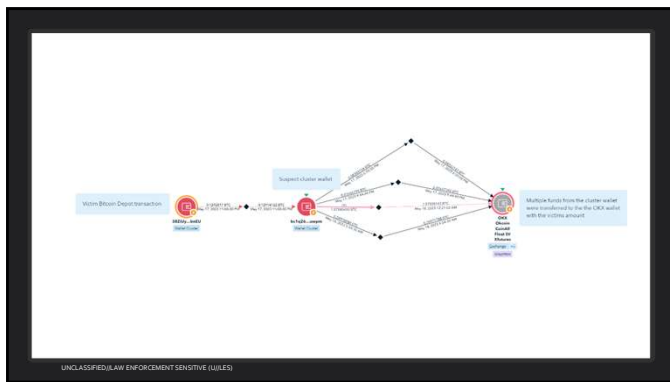
Wallet Cluster

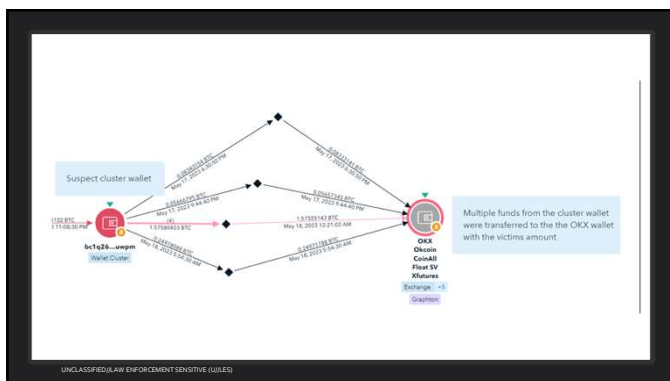
Multiple funds from the cluster wallet were transferred to the Bitcoin Depot wallet with this victim's account

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What do we do now?

- Contact OKX for Know Your Customer Information (KYC) to identify the owner of the OKX wallet. Use the OKX LE Guide attached or email letterhead with the request to enforcement@okx.com. In the request include: Full name of the law enforcement agency, legal authority, and documentary evidence; Official contact information; Chronological overview; & Requested action items.
- Currently, it appears that the wallet has approx. 11.86857 BTC. I have also included an example of a OKX Temporary Freeze Request. You should be able to temporarily freeze the amount of BTC in the account that came from your victim. You will not be able to freeze the whole amount in the wallet.

Law Enforcement Request Guide

OKX Support
OKX Support - Internal

Last Updated: February 28, 2023

For Government and Law Enforcement Agencies only

1. INTRODUCTION

In addition to our Terms of Service, the services of OKX can be being provided by the following entities:

Asia Capital Platform Co. Ltd. is a Seychelles registered company (Asia Capital)

OKX (Bahamas) Platform Company Limited is a Bahamas registered company (OKX Bahamas)

Our Company and OKX Bahamas are collectively referred to herein as "we" or "us".

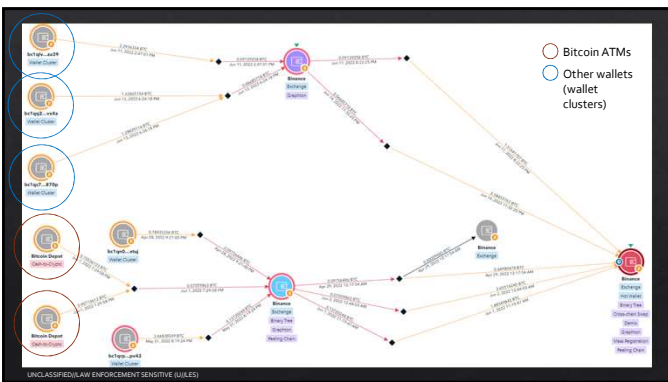
Where appropriate, we will respond to requests from authorized law enforcement officials with proof of authority. We will review each case and respond via a case by case basis, in accordance with the relevant Terms of Service, our Privacy Policy, Document and any applicable law and regulation. This Law Enforcement Request Guide explains how to submit law enforcement requests.

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Prosecution or Disruption?

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