Technical report on Atala PRISM Modular KYC Solution by IAMX with ID 1100031

Milestone: 1, 2, 3

Date: 02.05.2024 Version: 1.03

0 Introduction

This technical report details the development and implementation of the Atala PRISM Modular KYC Solution by IAMX, designated with ID 1100031. The solution introduces a chatbot-based prototype designed to facilitate identity verification and management, leveraging Atala PRISM's infrastructure. This initiative aims to enable developers to craft and deploy compliant, reusable digital identities for a variety of real-world applications. The initial phase, or milestone 1, focuses on the chatbot functionality, with subsequent modules addressing comprehensive identification verification, AML/PEP checks, transaction and wallet monitoring, and the creation of digital identities and credentials. Progress thus far includes the completion of the chatbot module, with further advancements in verification processes outlined for future milestones.

1 About

This chatbot is a modular prototype for identity verification & management on Atala PRISM, empowering developers to create and use compliant reusable digital identities for real-world applications.

This chatbot serves as an evidence of milestone 3 completion regarding (m3) https://milestones.projectcatalyst.io/projects/1100031/milestones/3

You will need a personal Identification document like your ID card if you are onboarding as a natural person or your company registration documents to complete this process for a legal entity.

2 Process

The customer completes the following modules (m):

Product modules:

(m1) chatbot;

(m2) identification AutoIdent level 3, liveness & face match, security features document, address verification;

(m3) AML, PEP, sanction lists, crime;

(m4) KYT, transaction and wallet monitoring;

(m5) creation of did:prism, creation of verifiable credential.

3 Completion status / Verification result

The verification is complete after at least (m1 - m2) and provided in the KYC report.

4 Progress

This milestone 3 includes module (m1 - m3).

5 Results

a (m1) completed

b (m2) completed

c (m3) completed

6 JSON data questions

The JSON data outlines the structure for a chatbot designed for identity verification and management, specifically for the Atala PRISM platform. It includes modules for chat interaction, various levels of identification verification (like AutoIdent level 3 and liveness checks), Anti-Money Laundering (AML) checks, sanctions list checks, and transaction and wallet monitoring. It guides users, both natural persons and legal entities, through providing personal and company information, verifying email and phone numbers, and uploading necessary documents for address and identity verification. The data also handles cases like sanctioned countries, delegating KYC processes, and capturing images for biometric verification.

7 JSON data answers

The JSON data represents the submission from a person named Max Mustermann for an identity verification process. Max has provided his email, phone number, full name, birthdate, birthplace in München, residential address including street, house number, zip code, and city. He also uploaded a document for residence verification and a webcam image for biometric verification. Max chose to onboard as an individual and has opted to delegate his KYC (Know Your Customer) process to his contract partner.

8 Partner per module

The partners for the modules are:

(m1) Chatbot: IAMX

(m2) Ident: Intrum, IDnow; AML: Intrum

(m3) KYT: Merkle Science

(m4) did:prism, demo and workshop: IAMX

(m5) IAMX

9 Attachments / Sources

a Video b PDF

c JSON

d Link: https://kyc.iamx.id/onboarding/atalaprism

10. JSON result for AML

AML, PEP, sanction lists, crime: These are data that may be shown. Additional data are subject to data protection and must not be shared.

a. If the value is empty, the person is not on the AML list, and this representation will occur.

```
"PEP":{
   "summary": "Compliance info example (PEP)",
   "description": "https://test-credit-information-
ws.ch/restServices/v.0.0/compliance/info?id=10101046122",
   "value":{
  }
 },
 "SL":{
   "summary": "Compliance info example (SL)",
   "description": "https://test-credit-information-
ws.ch/restServices/v.0.0/compliance/info?id=10120017297",
   "value":{
   }
 },
 "WLBL":{
   "summary": "Compliance info example (WLBL)",
   "description": "https://test-credit-information-
ws.ch/restServices/v.0.0/compliance/info?id=20200022102",
   "value":{
  }
 }
```

b. If the value is not empty, the person is on an AML list, and this representation will occur. Example: PEP.

```
"PEP":{
   "summary": "Compliance info example (PEP)",
   "description": "https://test-credit-information-
ws.ch/restServices/v.0.0/compliance/info?id=10101046122",
   "value":{
     "Additional_Information":"",
     "Alternative Script":[
     ],
     "Category":[
      "Ex PEPs, Heads of State, Major Government Offices and Support; Ex PEPs, Legislative
Functions, Parliaments; Ex PEPs, Political Leaders; Ex PEPs, State Executive Functions, Government,
Ministries"
     ],
     "Code": "CHE".
     "Country": "Switzerland"
     "Country_Of_Activity":"",
     "Country Of Origin":"",
     "DOB":"11.10.1940",
     "First Name": "Christoph",
     "Full_Name":"",
     "Function":[
      "Federal Council, Ex Member, NOT IN CHARGE SINCE: 2008, CATEGORY: Ex PEPs, Heads of
State, Major Government Offices and Support; OTHER FUNCTION: Federal Assembly, National
Council, Ex Member (Schweizerische Volkspartei (SVP), Zürich), NOT IN CHARGE SINCE: 02.06.2014,
CATEGORY: Ex PEPs, Legislative Functions, Parliaments; OTHER FUNCTION: Federal Department of
Finance, Ex Vice Chief, NOT IN CHARGE SINCE: 2008, CATEGORY: Ex PEPs, State Executive Functions,
Government, Ministries; OTHER FUNCTION: Federal Department of Justice and Police, Ex Chief, NOT
IN CHARGE SINCE: 12.2007, CATEGORY: Ex PEPs, State Executive Functions, Government, Ministries;
OTHER FUNCTION: Swiss People's Party (Schweizerische Volkspartei or SVP, Union Democratique du
Centre or UDC, Unione Democratica di Centro or UDC, Uniun Democratica dal Center or UDC), Ex Vice
President, NOT IN CHARGE SINCE: 22.04.2016, CATEGORY: Ex PEPs, Political Leaders"
     "Gender":"Male",
     "ID": "10101046122",
     "Last Name": "Blocher",
     "Other_Names":[
     "POB": "Laufen am Rheinfall, Switzerland",
     "Relative ID": "10101046122",
     "Relatives":[
      {
        "Country": "Switzerland",
        "DOB": "ca. 1977",
        "Full_Name": "Rahel Blocher",
        "ID":"10101181103"
      },
```

"Country": "Switzerland",

```
"DOB":"13.08.1969",
   "Full_Name": "Magdalena Martullo-Blocher",
   "ID":"10101181104"
 },
 {
   "Country": "Switzerland",
   "DOB":"ca. 1975",
   "Full_Name":"Miriam Blocher",
   "ID":"10101181105"
 },
 {
   "Country": "Switzerland",
   "DOB":"ca. 1971",
   "Full Name": "Markus Blocher",
   "ID":"10101181109"
 },
   "Country": "Switzerland",
   "DOB":"1945",
   "Full_Name": "Silvia Blocher",
   "ID":"10101181111"
 },
 {
   "Country": "Switzerland",
   "DOB":"1962",
   "Full_Name": "Roberto Martullo",
   "ID":"10101523078"
 },
 {
   "Country": "Switzerland",
   "DOB": "17.06.1932",
   "Full_Name": "Judith Giovannelli-Blocher",
   "ID":"10101523179"
 },
   "Country": "Switzerland",
   "DOB": "29.01.1934",
   "Full Name": "Gerhard Blocher",
   "ID":"10101705950"
 }
],
"Title":"Mr.",
"list":"PEP",
"status":"OK"
```

} }, c. If the value is not empty, the person is on an AML list, and this representation will occur. Example: sanction list.

```
"SL":{
   "summary": "Compliance info example (SL)",
   "description": "https://test-credit-information-
ws.ch/restServices/v.0.0/compliance/info?id=10120017297",
   "value":{
     "Additional Information": "Other information: Review pursuant to Security Council resolution
1822 (2008) was concluded on 21 Jun 2010. Review pursuant to Security Council resolution 2368
(2017) was concluded on 24 Nov 2020.",
     "Address":"",
     "Alternative_Script":[
      "القاعدة"
     "Authority": "State Secretariat for Economic Affairs, Switzerland",
     "DOB":"",
     "Date_of_Publication_of_the_List": "25.01.2022",
     "First Name":"",
     "Full_Name":"Al-Qaida",
     "ID":"10120017297",
     "Last Name":"",
     "Name of the List": "Seco List «Al-Qaïda», Taliban",
     "Other Names":[
       "\"The Base\"; Al Qaeda; Islamic Salvation Foundation; The Group for the Preservation of the
Holy Sites; The Islamic Army for the Liberation of Holy Places; The World Islamic Front for Jihad
Against Jews and Crusaders; Usama Bin Laden Network; Usama Bin Laden Organization; Al Qa'ida; Al
Qa'ida/Islamic Army"
     ],
     "POB":"".
     "Passport_Nr":null,
     "Title":"",
     "Type SDN or Entity": "entity",
     "Type of List": "Seco List",
     "Whitelist":"No",
     "list": "SL",
     "status":"OK"
   }
 },
```

d. If the value is not empty, the person is on an AML list, and this representation will occur. Example: crime list.

```
"WLBL":{
   "summary": "Compliance info example (WLBL)",
   "description": "https://test-credit-information-
ws.ch/restServices/v.0.0/compliance/info?id=20200022102",
   "value":{
     "Additional Information": "Sex: Male; Hair: brown; Eyes: brown; Citizenship: Saudi Arabian;
Height: 6'4\" to 6'6\"; Weight: Approximately 160 pounds; Complexion: Olive; Build: Thin; Language:
Arabic (probably Pashtu); Remarks: Bin Laden is left-handed and walks with a cane. Bin Laden is the
leader of a terrorist organization known as Al-Qaeda, \"The Base\"",
     "Address":"",
     "Address_Country":"",
     "Alternative_Script":[
     "Authority": "Federal Bureau of Investigation, USA",
     "Case": "The mastermind of the 9/11 attacks was killed in a \"targeted operation\" by U.S.
forces.",
     "Category":[
      "Notices"
     ],
     "Country": "United States of America",
     "DOB":"1957",
     "Date_of_Information":"02.11.2021",
     "Date of Publication": "02.05.2011",
     "Entity_Type":"I",
     "First Name": "Usama",
     "Full_Name":"",
     "ID": "20200022102",
     "Last Name": "Bin Laden",
     "Name of the List": "News",
     "No longer on List":"",
     "Other Names":[
      "Bin Ladin, Usama Bin Muhammad; Bin Ladin, Shaykh Usama; The Prince; The Emir; Abu
Abdallah; Mujahid Shavkh; Hajj; The Director"
     "POB": "Saudi Arabia",
     "Passport Nr":"",
     "Relative_ID":"",
     "Title":"Mr.",
     "list":"WLBL",
     "status":"OK"
   }
 }
```

11. KYT, wallet and transaction monitoring

These are data that may be shown. Additional data are subject to data protection and must not be shared. See next pages for results:

- a. no match
- b. match with indirect high risk



Address Report

Report Exported On Apr 29, 2024 10:21 AM

Part 1: Address Details			
Primary Digital Asset	Cardano		
Digital Assets List	Name	Cardano	
	Balance	0.00 ADA	
Risk Level	· · · No Risk		
First Transaction Time	-		
Latest Transaction Time	-		





Part 2: Address Comments

Address screened by xxx Apr 29, 2024 10:21 AM





Appendix A

Risk Classifiers: An list of risks which have been checked for.

List of Rules

The list of rules which have been run against this address

1 Info Exchange

If this (Address) has directly received payments from any of the actors with type in (Exchange) for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

1 Info Exchange

If this Address has directly sent payments to any of the actors with type in Exchange for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

1 Info Exchange

If this Address is owned by any actor of type in Exchange

1 Info Mining Pool

If this Address has directly received payments from any of the actors with type in Mining Pool for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

1 Info Mining Pool

If this Address has directly sent payments to any of the actors with type in Mining Pool for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

Info Mining Pool

If this Address is owned by any actor of type in Mining Pool

Info Service

If this (Address) has directly (received payments from any of the actors with type in (Service) (for at least any USD amount) and (up to any USD amount) and (has at least 0% taint) and (up to any taint) %

Info Service

If this Address has directly sent payments to any of the actors with type in Service for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

Info Service

If this Address is owned by any actor of type in Service

II High Darknet

If this Address has directly received payments from any of the actors with type in Darknet for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %



II High Darknet

If this Address has directly sent payments to any of the actors with type in Darknet for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

II High Darknet

If this Address is owned by any actor of type in Darknet

Medium Gambling

If this Address has directly received payments from any of the actors with type in Gambling for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

■ Medium Gambling

If this Address has directly sent payments to any of the actors with type in Gambling for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

Medium Gambling

If this Address is owned by any actor of type in Gambling

High Coin Mixer

If this Address has directly received payments from any of the actors with type in Coin Mixer for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

High Coin Mixer

If this Address has directly sent payments to any of the actors with type in Coin Mixer for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

II High Coin Mixer

If this Address is owned by any actor of type in Coin Mixer

High Scam

If this Address has directly received payments from any of the actors with type in Scam for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

II High Scam

If this (Address) has directly (sent payments to) any of the actors with type in (Scam) (for at least any USD amount) and (up to any USD amount) and (has at least 0% taint) and (up to any taint) %

III High Scam

If this Address is owned by any actor of type in Scam

High Extortion

If this Address has directly received payments from any of the actors with type in Extortion for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %



II High Extortion

If this Address has directly sent payments to any of the actors with type in Extortion for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

II High Extortion

If this Address is owned by any actor of type in Extortion

High Malware

If this (Address) has directly received payments from any of the actors with type in Malware (for at least any USD amount) and up to any USD amount and has at least 0% taint and up to any taint %

III High Malware

If this Address has directly sent payments to any of the actors with type in Malware for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

II High Malware

If this Address is owned by any actor of type in Malware

II High Theft

If this Address has directly received payments from any of the actors with type in Theft for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

II High Theft

If this Address has directly sent payments to any of the actors with type in Theft for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

II High Theft

If this Address is owned by any actor of type in Theft

1 Info Donation

If this Address has directly received payments from any of the actors with type in Donation for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

Info Donation

If this Address has directly sent payments to any of the actors with type in Donation for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

Info Donation

If this Address is owned by any actor of type in Donation

10 Info Smart Contract Platform

If this Address has directly received payments from any of the actors with type in Smart Contract Platform for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %



1 Info Smart Contract Platform

If this Address has directly sent payments to any of the actors with type in Smart Contract Platform for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

Info Smart Contract Platform

If this Address is owned by any actor of type in Smart Contract Platform

▲ Critical Sanctions

If this Address has directly received payments from any of the actors with type in Sanctions for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

▲ Critical Sanctions

If this Address has directly sent payments to any of the actors with type in Sanctions for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

▲ Critical Sanctions

If this Address is owned by any actor of type in Sanctions

High High Risk Organization

If this Address has directly received payments from any of the actors with type in High Risk Organization for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

III High High Risk Organization

If this Address has directly sent payments to any of the actors with type in High Risk Organization for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

II High High Risk Organization

If this Address is owned by any actor of type in High Risk Organization

1 Info Law Enforcement

If this Address has directly received payments from any of the actors with type in Law Enforcement for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

1 Info Law Enforcement

If this Address has directly sent payments to any of the actors with type in Law Enforcement for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

1 Info Law Enforcement

If this Address is owned by any actor of type in Law Enforcement

1 Info DeFi

If this Address has directly received payments from any of the actors with type in DeFi for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %



1 Info DeFi

If this Address has directly sent payments to any of the actors with type in DeFi for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

1 Info DeFi

If this Address is owned by any actor of type in DeFi

Indirect Medium Risk Activity

If this Address has indirectly indirect_risk_types any of the actors with type in Gambling for at least US\$1 and up to any USD amount and has at least 0% taint and up to any taint %

Indirect High Risk Activity

If this Address has indirectly indirect_risk_types any of the actors with type in

Darknet, Coin Mixer, Scam, Extortion, Malware, Theft, High Risk Organization for at least US\$1 and up to any USD amount and has at least 0% taint and up to any taint %

▲ Critical Indirect Sanctions

If this Address has indirectly indirect_risk_types any of the actors with type in Sanctions for at least US\$1 and up to any USD amount and has at least 0% taint and up to any taint %

Info Indirect from Businesses

If this Address has indirectly indirect_risk_types any of the actors with type in Exchange, Service, Mining Pool for at least US\$1 and up to any USD amount and has at least 0% taint and up to any taint %

□ Caution Anomaly Detection

If this Address has risk_types_1 in previous 30 days for at least 5 times the usual US\$ amount it normally does over a 30 days period

Caution Transit Address Detection

If this Address has received a payment in the previous 300 minutes but has withdrawn at least 50% since then

Caution Dormant Address Reactivation

If this Address has risk_types_1 after not having sent payments to or received payments from for previous 90 days

Caution Large Transaction

If this Address has risk_types_1 of at least US\$ 10000.0000% in a single transaction

Caution Young Address as Counterparties

If this Address has sent payments to or received payments from an address created in the 7 days

☐ Caution High Transaction Fee

If this Address has risk_types_1 in a transaction which paid an abnormally large transaction fee

Caution Range-bound Transaction amount

If this Address has risk_types_1 with transaction amounts between US\$ 700 and US\$ 900



Caution High Transaction Count

If this Address has risk_types_1 more than 10 times in the previous analysis_window_2





Address Report

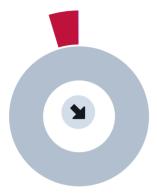
Report Exported On May 2, 2024 11:08 AM

Part 1: Address Details			
Primary Digital Asset	Cardano		
Digital Assets List	Name	Cardano	
	Balance	0.00 ADA	
Risk Level	III High		
First Transaction Time	Jan 6, 2022 5:15 PM		
Latest Transaction Time	Jul 30, 2023 9:39 PM		





Part 2: Flow Analysis



Incoming Funds

\$1,006.02 **Total Incoming**

Direct Exposure \$0.00 (0.00%)

Indirect Exposure \$47.04 (4.68%)



Outgoing Funds

Total Outgoing \$1,013.22

Direct Exposure \$0.00 (0.00%)

Indirect Exposure \$0.00 (0.00%)



Part 3: Counterparty Summary		
Nominex	Entity Type	High Risk Organization > High Risk Exchanges
	Indirect Incoming Exposure	\$46.07
Mandala Exchange	Entity Type	Exchange > Optional KYC and AML
	Indirect Incoming Exposure	\$0.97





Part 4: Open Alerts

Indirect High Risk Activity

If this Address has indirectly indirect_risk_types any of the actors with type in

Darknet, Coin Mixer, Scam, Extortion, Malware, Theft, High Risk Organization for at least US\$1 and up to any USD amount and

has at least 0% taint and up to any taint %

Escalated Open Resolved

Category Source of Funds Risk Type Incoming Latest Alert Time May 2, 2024 11:08 AM

Outgoing





Part 5: Address Comments associa	Comments ted with address xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	
xxx	Address screened by xxx	May 2, 2024 11:08 AM
Case Admin	rule:Indirect High Risk Activity New Alerts created [High] Incoming, Outgoing - Indirect High Risk Activity	Apr 26, 2024 2:13 PM
Case Admin	Risk level updated No Risk Detected → High	Apr 26, 2024 2:13 PM
ххх	Address screened by xxx	Apr 26, 2024 2:13 PM





Appendix A

Risk Classifiers: An list of risks which have been checked for.

List of Rules

The list of rules which have been run against this address

1 Info Exchange

If this Address has directly received payments from any of the actors with type in Exchange for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

Info Exchange

If this Address has directly sent payments to any of the actors with type in Exchange for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

Info Exchange

If this Address is owned by any actor of type in Exchange

1 Info Mining Pool

If this Address has directly received payments from any of the actors with type in Mining Pool for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

Info Mining Pool

If this Address has directly sent payments to any of the actors with type in Mining Pool for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

1 Info Mining Pool

If this Address is owned by any actor of type in Mining Pool

Info Service

If this Address has directly received payments from any of the actors with type in Service for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

Info Service

If this Address has directly sent payments to any of the actors with type in Service for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

1 Info Service

If this Address is owned by any actor of type in Service

High Darknet

If this Address has directly received payments from any of the actors with type in Darknet for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %



II High Darknet

If this Address has directly sent payments to any of the actors with type in Darknet for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

II High Darknet

If this Address is owned by any actor of type in Darknet

Medium Gambling

If this Address has directly received payments from any of the actors with type in Gambling for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

■ Medium Gambling

If this Address has directly sent payments to any of the actors with type in Gambling for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

Medium Gambling

If this Address is owned by any actor of type in Gambling

II High Coin Mixer

If this Address has directly received payments from any of the actors with type in Coin Mixer for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

II High Coin Mixer

If this Address has directly sent payments to any of the actors with type in Coin Mixer for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

II High Coin Mixer

If this Address is owned by any actor of type in Coin Mixer

High Scam

If this Address has directly received payments from any of the actors with type in Scam for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

II High Scam

If this Address has directly sent payments to any of the actors with type in Scam for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

III High Scam

If this Address is owned by any actor of type in Scam

II High Extortion

If this Address has directly received payments from any of the actors with type in Extortion for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %



II High Extortion

If this Address has directly sent payments to any of the actors with type in Extortion for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

High Extortion

If this Address is owned by any actor of type in Extortion

High Malware

If this Address has directly received payments from any of the actors with type in Malware for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

II High Malware

If this Address has directly sent payments to any of the actors with type in Malware for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

II High Malware

If this Address is owned by any actor of type in Malware

II High Theft

If this Address has directly received payments from any of the actors with type in Theft for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

II High Theft

If this Address has directly sent payments to any of the actors with type in Theft for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

II High Theft

If this Address is owned by any actor of type in Theft

1 Info Donation

If this Address has directly received payments from any of the actors with type in Donation for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

Info Donation

If this Address has directly sent payments to any of the actors with type in Donation for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

Info Donation

If this Address is owned by any actor of type in Donation

Info Smart Contract Platform

If this Address has directly received payments from any of the actors with type in Smart Contract Platform for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %



1 Info Smart Contract Platform

If this Address has directly sent payments to any of the actors with type in Smart Contract Platform for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

1 Info Smart Contract Platform

If this Address is owned by any actor of type in Smart Contract Platform

▲ Critical Sanctions

If this Address has directly received payments from any of the actors with type in Sanctions for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

▲ Critical Sanctions

If this Address has directly sent payments to any of the actors with type in Sanctions for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

A Critical Sanctions

If this Address is owned by any actor of type in Sanctions

High High Risk Organization

If this Address has directly received payments from any of the actors with type in High Risk Organization for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

High High Risk Organization

If this Address has directly sent payments to any of the actors with type in High Risk Organization for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

II High High Risk Organization

If this Address is owned by any actor of type in High Risk Organization

1 Info Law Enforcement

If this Address has directly received payments from any of the actors with type in Law Enforcement for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

1 Info Law Enforcement

If this Address has directly sent payments to any of the actors with type in Law Enforcement for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

Info Law Enforcement

If this Address is owned by any actor of type in Law Enforcement

Info DeFi

If this Address has directly received payments from any of the actors with type in DeFi for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %



1 Info DeFi

If this Address has directly sent payments to any of the actors with type in DeFi for at least any USD amount and up to any USD amount and has at least 0% taint and up to any taint %

Info DeFi

If this Address is owned by any actor of type in DeFi

Indirect Medium Risk Activity

If this Address has indirectly indirect_risk_types any of the actors with type in Gambling for at least US\$1 and up to any USD amount and has at least 0% taint and up to any taint %

Indirect High Risk Activity

If this Address has indirectly indirect_risk_types any of the actors with type in

Darknet, Coin Mixer, Scam, Extortion, Malware, Theft, High Risk Organization for at least US\$1 and up to any USD amount and has at least 0% taint and up to any taint %

▲ Critical Indirect Sanctions

If this Address has indirectly indirect_risk_types any of the actors with type in Sanctions for at least US\$1 and up to any USD amount and has at least 0% taint and up to any taint %

Info Indirect from Businesses

If this Address has indirectly indirect_risk_types any of the actors with type in Exchange, Service, Mining Pool for at least US\$1 and up to any USD amount and has at least 0% taint and up to any taint %

Caution Anomaly Detection

If this Address has risk_types_1 in previous 30 days for at least 5 times the usual US\$ amount it normally does over a 30 days period

Caution Transit Address Detection

If this Address has received a payment in the previous 300 minutes but has withdrawn at least 50% since then

Caution Dormant Address Reactivation

If this Address has risk_types_1 after not having sent payments to or received payments from for previous 90 days

Caution Large Transaction

If this Address has risk_types_1 of at least US\$ 10000.0000% in a single transaction

Caution Young Address as Counterparties

If this Address has sent payments to or received payments from an address created in the 7 days

Caution High Transaction Fee

If this Address has risk_types_1 in a transaction which paid an abnormally large transaction fee

Caution Range-bound Transaction amount

If this Address has risk_types_1 with transaction amounts between US\$ 700 and US\$ 900



Caution High Transaction Count

If this Address has risk_types_1 more than 10 times in the previous analysis_window_2

