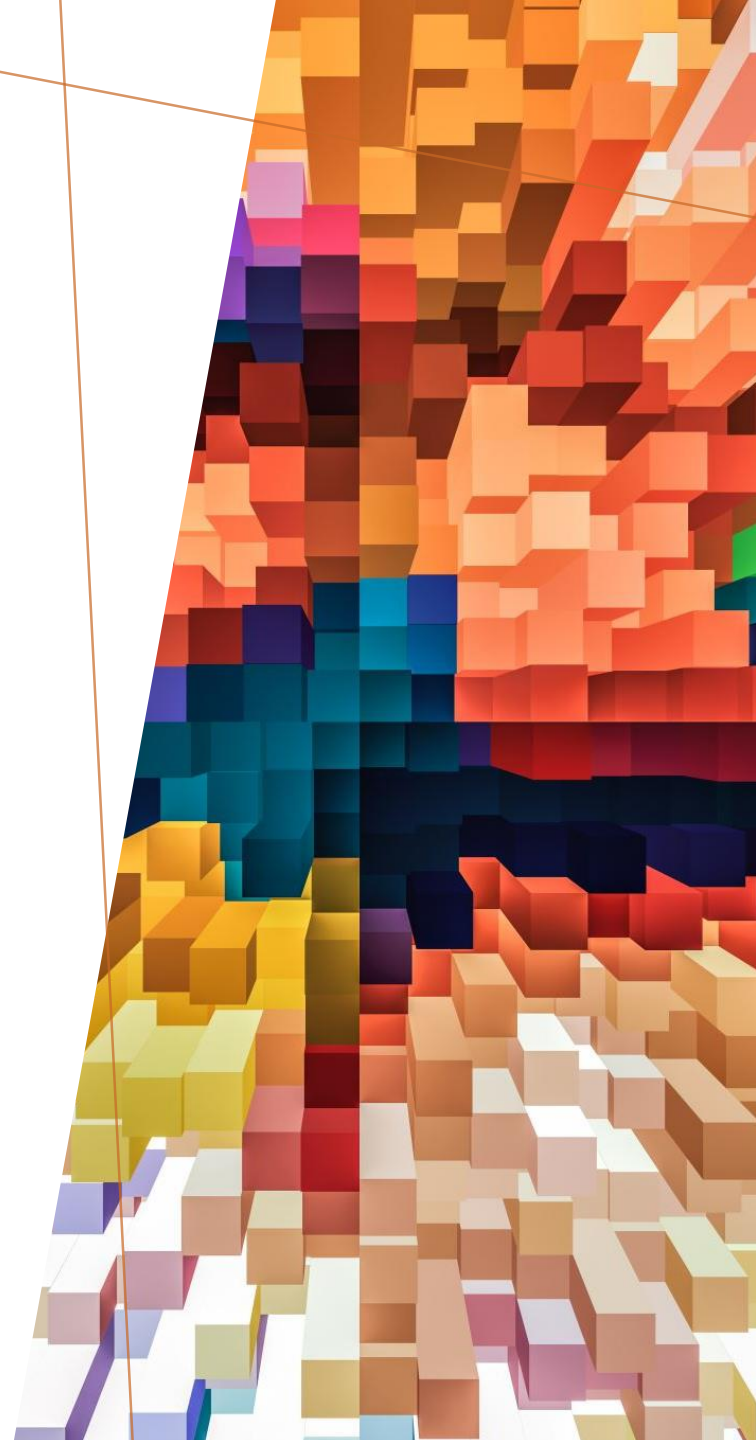
SELF SOVEREIGN IDENTITY FOR A SOVEREIGN EUROPE

DISPOSABLE IDENTITIES



IDENTITY

Disposable Identities as we citizens need temporarily shelter from actors that we can no longer fully trust with our future and current lives

Please join the RF of the Industrial Iot Consortium on Disposabale Identities: https://www.brighttalk.com/webcast/12231/461001?

The Cybersecurity Aspects of New Entities Need a Cybernetic, Holistic Perspective" in the International Journal of Cyber Forensics and Advanced Threat Investigations (CFATI).

https://doi.org/10.46386/ijcfati.v2i1.36

THE KEY FIGHT

There is simply no way humans can live in full light plugged into just a few databases of actors. We face dynamic pricing on anything if digital identity management is not fought for like in any old revolution. There is nothing honorable in this for engineers.

I urge you to connect all the current initiatives I will n ow list (to which I am all in some small way connected) and join the Telegram Disposable Id https://t.me/joinchat/T6YMHcJxH4Iy5LUa

DISPOSABLE IDENTITIES

REFLOW: ZERO KNOWLEDGE MULTI PARTY SIGNATURES WITH APPLICATION TO DISTRIBUTED AUTHENTICATION

Submitted on Wed, 06/02/2021 - 08:31

Reflow: Zero Knowledge Multi Party Signatures with Application to Distributed Authentication

Denis Roio, Alberto Ibrisevic, Andrea D'Intino

Reflow is a novel signature scheme supporting unlinkable signatures by multiple parties authenticated by means of zero-knowledge credentials. Reflow integrates with blockchains and graph databases to ensure confidentiality and authenticity of signatures made by disposable identities that can be verified even when credential issuing authorities are offline. We implement and evaluate Reflow smart contracts for Zenroom and present an application to produce authenticated material passports for resource-event-agent accounting systems based on graph data structures. Reflow uses short and computationally efficient authentication credentials and can easily scale signatures to include thousands of participants.

Link

https://arxiv.org/abs/2105.14527

The disposable identities privacy toolkit; enabling trust-by-design to build sustainable data driven value

October 2021

Project: TWINDS Disposable identity

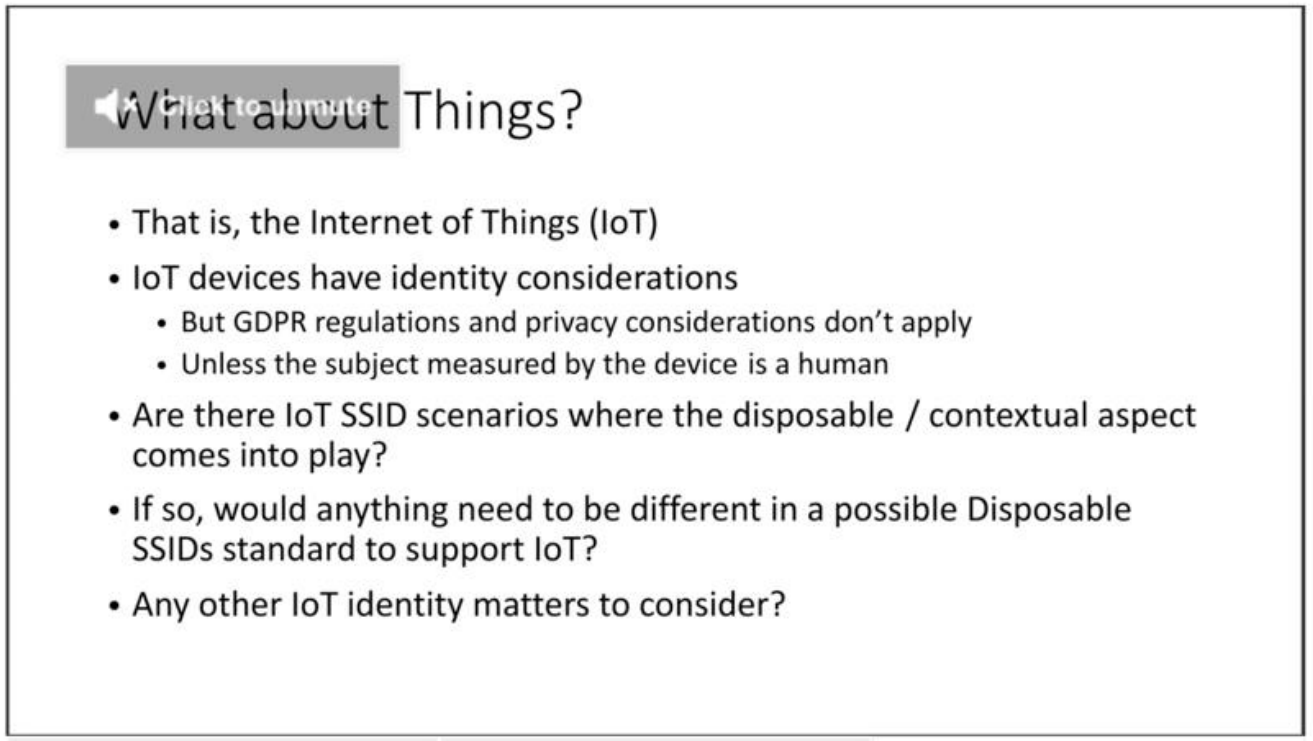
Jari Isohanni · Lorna Goulden · Kai Hermsen · Show all 5 authors · Jef Vanbockryck

Preprints and early-stage research may not have been peer reviewed yet.

Overview Stats Comments Citations References (45) •••

Description

This article introduces the Disposable Identities, with reference use cases and explores possible technical approaches. Proposed approach, when fully developed as an open source toolkit, enables developers of mobile or web apps to employ a self-sovereign identity and data privacy framework, in order to rebuild trust in digital services by providing greater transparency, decentralized control and GDPR compliance. With a user interface for the management of self sovereign identity, digital authorizations and associated data driven transactions, the advantage of Disposable Identities is that they may also contain verifiable data such as the owner's photograph, official or even biometric identifiers for more proactive prevention of identity abuse. These Disposable Identities designed for decentralized privacy management, can also be time, purpose and context bound through a secure digital contract; with verification functionalities based on tamper-proof technology.



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Disposable Self-sovereign Identity Request for Information Webinar

Mike Bennett, co-chair, OMG Blockchain Platform Special Interest Group

Feb 3 2021 | 32 mins

We would love to get your opinion on your experience with

D. SBchain project is developed by the University of the Aegean (UAegean | I4M Lab), with the collaboration of PLANET SA and EELLAK, and is funded by SIEMENS via Settlement Agreement with the Hellenic Republic. The Project builds, in the form of a **Working Demonstrator**, a **service spanning layer over existing IT infrastructures to enforce efficient operation and real-time auditing of the benefit allocation process**.

More specifically, SBchain:

- Simplifies the submission of an application (the applicant only introduces in the system a number of Credential Cards) while protecting user privacy (against "discrimination in the neighborhood") by reducing the need for Face-to-Face (F2F) interactions.
- Removes the need for interconnection with the authoritative data sources during the application submission, effectively reducing the strain on those data sources ("issue credentials once, use many times").
- Allows for a real-time and "narrow" (at the most granular level) monitoring of the allocation benefit (for both individuals and households) by constantly verifying the revenue sources and the eligibility criteria (and check against eventual “strategies to fraud”), while instantly making important anonymized data for the beneficiary households, available to policy-makers who are mandated to request and process such data.
- Takes away some GDPR overhead from Municipalities and other government parties involved in the benefit allocation process while providing a generic "disposable yet official" credential -- to be used by the

The FII Institute is a global new generation nonprofit foundation built on ESG principles and strong pillars – THINK, XCHANGE, ACT – with a mission to positively impact humanity through five focus areas: AI and Robotics, Education, Healthcare, Sustainability. This will also be an opportunity for the FII Institute to launch our Infectious Disease Index, which aims to identify gaps in preparedness ahead of another pandemic.

Disposable IDs fill a gap in preparedness, for democratic nations to face the inevitable mission creep which is to profile individuals by their infectious disease propensities and exposure locations

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