Blockchain PSIG Call Notes

*28 May 2020*

# Attendees

* Robert Stavros
* Rob Nehmer
* Michael Bennett
* Bobbin Teegarden
* Rencher, Robert J
* Char Wales
* Neil Aeschliman
* Ian Stavros (Jackrabbit)
* Bobbin Teegarden

# Agenda

* SSID / Disposable IDs possible RFP
* Agenda planning for Quarterly Meeting

# Meeting Notes

## Disposable IDs

### Context Specific ID

Linked to Smart Contract?

DHID – specific implementation for Health.

Also talking to ETSI and others.

W3C Competing standards?

### W3C

DID: the W3C standard for Decentralized IDs.

Disposable IDs make use of this.

IOTA Selv makes use of this.

Verifiable decentralized digital identity.

### Disposable IDs Initiative

<https://www.disposableidentities.eu/>

For this one:

* Is there potential for an RFP for this specific idea?
* Is it already covered in existing or planned standards

(last week we said ‘Yes’)

### Angles

Identity as a service

Definition from Disposable IDs folks: includes provision of a service. By the counterparty

IDaaS would imply some centralization.

Definition from Disposable IDs folks:

*Disposable identities are temporary attribute-based identities integrated in a smart contract between a receiver and a supplier of a service, describing: [actor] may [action] with [actee=disposable identity] under [condition] so that [purpose], servicesthat demand for context based sharing of data (eg car leasing, energy sharing energy home2home, paying taxes) but basically generalizable to apply digital id internet layer to any existing service.*

### Scope

There are 2 things that make it narrower than simple ‘Context Specific IDs’.

* The reference to Smart Contracts
* The provision of some service by the counterparty

Contrast with generic DID where you use the same ID for every context. Here we have an ID that is only used in a specific defined context.

Builds on the DID standard – so it builds on the same mechanisms (Public Private key).

Proposal is for Disposable DID:

* Which is specific to a Context.
* Which is disposed of when the context no longer applies.

This is a thing that builds off the existing DID standard from W3C.

### context

Q: How is context created and exchanged?

For DID you have 1 trusted 3rd party since the DID persists.

For DDID you can choose any number of different 3rd parties, for different context-specific DDIDs.

### Naming

We don’t like the name Disposable ID.

These "disposable" DIDs -- could they also by called "Reusable" DIDs (so that we don't get involved in acronym wars)? Or are we going to call it DDID? (D2ID?).

MB: That would be exactly incorrect since Disposable is the opposite of reusable.

Acronym? DDID.

#### Existing:

DHID (specific to Health)

Disposable is not a good name. Means I use it once and then it goes away. For example for an immediate transactions. Suppose I have a world cruise that last for 3 months. Then it gets disposed of.

**Alternatives:**

* Ephemeral
* Contextual

Disposable and Ephemeral doesn’t capture that some contexts may be longer than, and may be nested within, other contexts. This comes from our own analysis, not from the Disposable IDs people’s literature.

They are calling it DISID or (later) DispID.

The example of COVID suggests (per BT’s point) that ‘Context’ may be quite long-lived.

**Conclusion:** We want to frame the scope of a possible RFP in terms of ‘context’ not in terms ‘Disposable’.

### Other Standards to Look At

#### OAuth.

[https://www.omgwiki.org/dido/doku.php?id=dido:public:ra:xapend.stds:tech:ietf:oauth&s[]=oauth](https://www.omgwiki.org/dido/doku.php?id=dido:public:ra:xapend.stds:tech:ietf:oauth&s%5b%5d=oauth)

#### CORBA

Corba Healthcare at OMG: PIDs (Personal identification services).

Update with DLT approach?

May already be an OMG standard.

That uses DLT? Unlikely. So the scope may be there but the opportunity is using DLT.

#### PIDS

BT: OMG Person Identifications Services (PIDS) back in 1998 - see

<https://www.omg.org/healthcare/docs/98-02-29.pdf>

#### IRI

NS: Also look at IRIs:

<https://www.w3.org/International/iri-edit/draft-duerst-iri.html>

IRIs: These are a kind of identifier (like a URI) but are about resources. Can be accompanied with Q Codes.

Why? Consider disposable ID as a resource.

# Appendix: Chat Log

*Lightly edited*

**Robert Stavros (to Everyone)**: 1:41 PM: https://www.omgwiki.org/dido/doku.php?id=dido:public:ra:xapend.stds:tech:ietf:oauth&s[]=oauth

**Char Wales (to Everyone)**: 1:43 PM: These "disposable" DIDs -- could they also by called "Reusable" DIDs (so that we don't get involved in acronym wars)? Or are we going to call it DDID? (D2ID?)

**Bobbin Teegarden (to Everyone)**: 1:44 PM: You could call it a ReDID ;0)

**Char Wales (to Everyone)**: 1:45 PM: Well .. gotta go .. as I said .. will read the notes afterwards.

**Char Wales (to Everyone)**: 1:46 PM: SO it's not a one-use ID?

**Robert Stavros (to Everyone)**: 1:47 PM: I like COntextual Id

**Robert Stavros (to Everyone)**: 1:47 PM: Ephemeral Ids work well

**Robert Stavros (to Everyone)**: 1:48 PM: Ephmeral adjective

lasting for a very short time.

**Robert Stavros (to Everyone)**: 1:50 PM: Transient ID?

**Robert Stavros (to Everyone)**: 1:51 PM: Perishable ID

**Bobbin Teegarden (to Everyone)**: 2:00 PM: https://www.omg.org/healthcare/docs/98-02-29.pdf OMG Person Identifications Services (PIDS) back in 1998

**Robert Stavros (to Everyone)**: 2:00 PM: https://www.w3.org/International/iri-edit/draft-duerst-iri.html

**Robert Stavros (to Everyone)**: 2:00 PM: Internationalized Resource Identifiers (IRIs)