Blockchain PSIG Call Notes

*4 March 2021*

# Attendees

* Mike
* Rob
* Robert
* Ian
* Nick
* Frederic

# Agenda

* Firm up Quarterly Meeting plans.
* Continue with the RFI

# Meeting Notes

## Updates

Nick Stavros is now on the Architecture Board.

* Congratulations!

## Connections

### VMBO

See link

### IEEE WG on Blockchain and IoT: P2418.1

* Paper by the IIC

Someone in the P2418.1

Layer model and broader RA model

RN: Layers seem a bit random

* The guy who presented said he wasn’t sure what order to place the data layer etc. in

### IEEE Governance WG

IEEE also has a P2145 on Blockchain Governance

<https://sagroups.ieee.org/ieee2145/>

Frederic participates.

Taking open source model (IEEE Open SA) and applying that. Standards on that

Study of types of DLT Governance patterns and the design patterns for blockchain governance.

### BGIN Global:

<https://bgin-global.org/>

### Governance: Outcomes

Do we put something on the wiki?

Reach out to different groups:

OMG BC-PSIG to IIC

OMG BC-PSIG to IEEE

* Blockchain for IoT WG
* Governance WG

Invite them the OMG QM BC-PSIG – then that will also help make that connection.

Invite:

* IEEE 2145 (Frederic)
* IEEE P2418.1
* BGIN
* IIC
* Who else?
  + See if the folks who presented at VMBO might come – Jaap Gordijn

Talk about governance.

DIDO RA – include that in the session. Anything new?

* Yes, some newer material on governance and requirements
* Also added to the DIDO Wiki
* Also there is a trade study spreadsheet to go over with people (e.g. comparing different DLTs in terms of NFRs and FRs).

Will also be of interest to IOTA – can take parts and complete them according to what they do. Based on self-scoring. Can also compare themselves to other DLTs. Starts up some discussion – useful for the marketing group.

Is this a lot like an RFI? The wiki / rolling RFI idea may be able to use something of this spreadsheet approach.

[IDEA: What if some of the RFIs we are talking about now might use whatever arrangements for wiki-based rolling RFI type arrangements, once these are defined and approved?]

## Firm up Quarterly Meeting plans

### Timings

Eastern Time Zone (EDT) since clocks change on the 14th

Wed pm: 1:30 – 5:00 EDT = 10:30 – 2pm PDT

For any European attendees, may want to do the Governance thing earlier

* Temporal Confusion Fortnight

Other clashes: RN teaching but not an issue

### Potential Sessions:

* Governance for DLTs
* Layers / architecture representations
* Interoperability!
* Smart Contracts RFI
  + Comments from MARS from the Monday
  + Editing session?
* Other RFIs planning
  + General discussion – e.g. oracles / what’s next
  + Plan for the next quarter’s weekly calls agenda
    - E.g. exchanges, wallets, as well as oracles
  + Archival nodes
* Joint FDTF/Digital Ccy and invite CBDC WG
* VCoI 15 min since this is our current pilot = JOINT with FDTF

VCoI Road Trip:

* FDTF 15 min we should also present to them in the same way as for BC-PSIG
  + Do as a JOINT session with BC-PSIG and FDTF

5 sessions? Nearer 7

We need a full day

e.g. we take all of Wednesday and push FDTF to Tuesday

OR we do part of Tuesday?

#### What else is on Tuesday?

Tuesday is AI - may be all day? 7 – 12am PDT (10 – 3 EDT)

Tuesday: GovDTF at least am possibly all day?

Can we push FDTF to Tuesday? Not desirable (BT). RN OK with FDTF to Tuesday

Or a shorter FDTF e.g. half a morning

**Conclusion:** We meet jointly with FDTF for at least half of Wednesday morning (or potentially all of it) so that effectively BC-PSIG has relevant sessions all day. No Tuesday usage for either FDTF or BC-PSIG as key people not available.

#### FDTF Agenda Check

FIBO update – not needed but can do.

RFI on Digital Currencies

* Could make this joint with BC-PSIG given the overlap with DC and DLT
* Can we get a report from the CBDC WG?

### Quarterly Meeting Session Notes

#### Interoperability:

* See also Governance (combine that session – part of the conversation is to talk about definitional stuff e.g. layer model, physical architecture)
  + Previous Interoperability RFI outcomes:
    - Formal representation / ontology of DLT concepts (see DIDO Wiki)
      * See e.g. layered model
      * Time to move this forward (along with terminology / VCoI)
    - Potential for ontology at business level (ontology style rules for that)
      * Pick this up another time

#### Archival Node (e.g. Permanode)

* General discussion on storage and other architectural concerns (records management)
  + Other DLTs do also have this concept
  + Business challenge is the records management side of things (Lemieux etc.)
  + Good topic for an RFI

See: <https://www.omgwiki.org/dido/doku.php?id=dido:public:ra:1.2_views:3_taxonomic:3_node_tax:perma> and

<https://www.omgwiki.org/dido/doku.php?id=dido:public:ra:1.2_views:3_taxonomic:3_node_tax:full:archival>

* Concepts and terms (per VCoI)
  + E.g. the above may be synonyms or may not or may be broader/narrower concepts; we don’t know. Hence VCoI

#### Layers

See draft presented at IEEE P2418.1 today (screenshot shared)

BT: In his model, if he made the "application layer" into a harmonic of the entire 6 ISO layers, he would have a truer architecture concept/diagram...

NS: We need to identify more universal organizing principles behind the layered model, not try to copy the OSI

NS: comes back to the Wisdom etc. distinctions as the layer thing

MB disagrees.

BT: Use the harmonic idea to understand how these layers relate to one another.

To be discussed at QM.

#### Governance Session

Possible session on the IEEE work on governance (or a discussion on governance generally, include the VMBO paper) – Frederic

Preference: Start with a presentation on the IEEE stuff and open it out to a conversation on decentralized governance, applicable standards and other WGs. May also have a WG there on governance.

### RFI Development

Next week

## AoB

No

## Next call

Smart Contracts RFI development