Blockchain PSIG Call Notes

*3 Oct 2019*

# Attendees

* Rob Nehmer
* Rencher, Robert J
* Mike Bennett
* Nick
* Nelson

# Agenda

1. News, updates; matters arising from the pre-meeting webinar
2. Blockchain Ecosystem Interoperability RFI – publicity and next steps
   1. Who to circulate it to, that we know may be valuable respondents
   2. Lists and other places to publicize this
   3. Social media
3. MAM – RFP planning and next steps for linked encrypted transaction streams
4. The EEE event dispatcher – next steps, characterizing this for standardization; RFP v RFC (conversation to continue in future sessions)
5. Other things to cover in this quarter’s BC-PSIG weekly calls
6. AoB

# Blockchain Ecosystem Interoperability RFI

Published. See OMG page at <https://www.omg.org/schedule/Blockchain_Ecosystem_Interoperability_RFI.html>

**Kinds of respondents:**

1. People who own the problem
2. People who own some solution

## Getting Responses

* Who we know to write to?
* Lists to publicize it on
* Social networks

## Who to Contact?

### DLT Industry Solution Providers

People who have presented to this group – MB

MB to write to the people who already presented to this group.

IOTA to respond on some of this.

MB and N to coordinate.

### Problem Owners

*By industry / vertical*

#### Aerospace

RR can respond and circulate to other interesting candidates.

Global Services offerings (Boeing Vancouver)

Additive manufacturing company – looking for ease of use of DLT for secure proprietarization?

Other DLT uses we can ask around

MB to Forward the link

#### Patent Office

Can talk to them generally and also per specific use cases. Patents re incorporating DLT in their apps.

Financial industry IP also

Have a general discussion and give examples. Guide on how to do discovery on what’s happening relative to patents for use of DLT.

Link to Interop – yes. See how open they are on this.

#### Finance

MB and EDM Council – **Finance**

Also interested to know from them: what are the barriers in adopting Blockchain.

e.g. NIST guy who set up Ethereum in the lab.

#### IoT

Are there people in the IoT space we can send the RFI to?

There are some on the research side e.g. Intel. Looking at quarternary. Will be able to respond or refer. Also can cold call some locals, including aerospace. Manufacturing

N can send out some of these.

#### Retail

* Karen Shunk
* David Gerson

#### Oil and Gas

Talk to Matthew West? (MGB)

#### Others?

RN – Rutgers PhD students – dissertation topic

On that basis – also Babson

MB talk to Vicki Lemieux. May have contacts who can respond.

### Who else?

Also are there people that Richard Soley knows? C-Suite connections

*Action:* Talk to RS about sending this out.

### Possible Session

What if: we organize an event on one of these calls and invite a bunch of folks with interests in some of the above, and frame the RFI and why they should respond. Need an agreeable theme. Include q on how they are securing their IP.

#### Next steps on that?

* Theme / name for the session

These would be people who potentially have a solution for the interoperability problem, making use of DLT.

### Anonymous Responses

Other RFIs: Can also allow respondents to be anonymous

* ALL: Add a note to this effect when sending responses, for these to be anonymized. Can send to you (the person sending one on one email to potential respondent). Anonymize ad then send to MGB. Tell them that in OMG process this is possible.

## RFI Publicity Actions

Provide some standard paragraphs for people to include in the emails that people send out.

**Include:**

1. That they can be anonymized (sender can even anonymize before relaying to OMG / MGB)
2. What barriers are you seeing to adoption for Blockchain
3. Let them know that they may either frame their answer around the complex structure of ideas in the RFI or just tell us things straight

Industry press – for various industries

## Lists to publicize it on

OMG publicity – existing channels

### **One:** Writing it

Other media outlets for an OMG Press Release.

First we have to see OMG do a Press Release. Do they automatically do this or we need to give them a push? Normally they do this automatically (will they have told us?).

MB to ask them if they already sent it out. If not, if they need any help with it.

What channels does OMG send PRs to?

Then we help redistribute it to further channels

### **Two:** getting others to pick it up

#### Social Media

**Action:** NS will work with Meg and Diane – on:

* Quora
* Medium

#### Mail lists:

Who else has subscription to something they can cross post an OMG when it comes out?

What other lists?

Ontolog Forum – too far from the topic

So no lists. Conclusion was no-one relevant uses mail list any more.

## Other Social networks

IOTA – PR dept would happily post to Social Media channels. Combines OMG and IOTA so this would be relevant.

OMG and IOTA PR already in touch.

Have a person in Brazil also.

IOTA:

* Medium
* Reddit
* Facebook
* Twitter
* LinkedIn
* Instagram

#### Twitter:

Who has a Twitter account?

* IOTA
* MikeHypercube

Nick – political so no

## Regional Social Media Considerations

**China**

* QQ or Wechat

Social media for business.

Also reach into Japan and others in Asia region

N has the action on that.

### Any other things for spreading the word?

Q: Can we translate any of these?

A: Not to the quality for a press release.

# RFPs (early drafts)

## Linked Encrypted Transaction Streams (LETS) RFP

* Based on IOTA MAM but can be much broader

**What it is:** transaction stream

Encrypt the messages

IOTA in better situation than most.

Separate out encryption in the MAM layer – the architecture of MAM allows for several different encryption types for MAM transactions.

These are also linked. Into streams

### Serialization

Protobuf, JSON, DDS, XML

Txn – may want to specify the serialization method.

Need to have

* Transaction types (e.g. IR Swap)
* Instances (e.g. a occurrence of an IR Swap message – with parametrization, name, version etc.

### Detail

*(from Chat Log comments, Nick Stavros)*

See<https://docs.google.com/document/d/15lxmF29V0-INwYFPplajGHEZYnoMIyoGXQUR6Wl98ro/edit#>

Name

Version Info

Copyright Info

Plugins for

Encryption

Serialization

Logic

Dependency Packing List

Parameter List (IDL definitions for name, type, in, in/out, out)

Status (tri state, TRUE, FALSE, Unknown) + Log

Logic Package (code for Executables BPMN, Solidity, ECMAScript, XML, Schemas, Ontology, etc)

Call back (used to query the LETS progress) which would need to be listed in Packing List (Heirarchy of LETS)

Recursive?

LETS can spawn subLETS

LETS Catalog (itself distributed)

## Blockchain Event Dispatcher RFP (RFC?)

* Based on IOTA EEE
* Still to be discussed in any detail as to scope naming, relation to EEE etc.

***MB notes:*** *Not sure what we want to call this, but the above nomenclature is already appearing in MARS early draft agendas.*