Blockchain PSIG Call Notes

*21 November 2019*

# Attendees

* Char Wales
* Nelson
* Rob Nehmer
* Nick Stavros
* Mike Bennett
* Robert Rencher

# Agenda

1. Updates
2. Long Beach Agenda finalization and fine-tuning
3. LETS RFP Review / brainstorm
4. AoB

# Meeting Notes

## Updates

### Demo for Long Beach

Test run x2 of the demo with the miniature vehicles.

Clear that network at hotel will be different from that at the lab.

Need to meet early at the Hyatt to test drive this until it works with its own access point or the hotel network.

**Requirements:**

Internet? Yes.

This is to be able to record txns on the Tangle.

Expect that Mike Narducci will have no issue with them arriving early to set up and test.

Sometimes in hotels a cellphone hotpot works faster or has less collisions. Link the access point to that hotspot, dedicated to that activity. Else contention. Need mobile data coverage for that.

They have that.

Plan B is some videos, and some existing sensor data on the Tangle

Kinds of sensor: environment (temp etc.) and air quality (CO2).

These sensors also have location information.

Demo is for Wednesday (from coffee break time – see last week’s notes).

Also we talked last week about setting the table up for Tuesday if they are interested – not sure if they will be taking that up. Nelson can do prelim test on Tuesday. Otherwise no.

#### Demos:

There are 2 demos:

* Research tea at USC – Gowri on parking standards and demo, LA and Long Beach
* Student Masahiko on environment sensor, storing data in the Tangle, work with Jaguar and iPace in Europe

Are these on GitHub? No.

There is a GitHub repo of the meetup series.

NS: Would like to be able to test this stuff by setting up a GitHub for you on that.

Jackrabbit will also have a table with their demo on Wednesday.

Ask MN if we can have these 2 tables adjacent.

NS will liaise with MN on this. Will also make sure Nelson gets the forms for their table(s)

IOTA requirement: 1 table is adequate.

3rd demo? Mat Yarger from IOTA also bringing a demo for eVoting.

MB to mail MY with that option.

#### Timings

Students will come on Wednesday.

Tables are usually set up on Tuesday noon onwards for these things, we recommend flyers set up on the table on Tuesdays.

Nelson will be here on Tuesday for the BC-PSIG meeting. Teams will be Wednesday only. There are no flyers.

Bringing: TV screen, monitors. Set up before Wed coffee break.

## Draft Agenda for Long Beach

### Tuesday afternoon BC-PSIG

* Spend time on LETS
* Process feedback from MARS on Event Dispatcher
* Review overall IOTA landscape
* IOTA presentation relating to the I3 Data Marketplace (relevant to both demos on Wed)

### Other Event (IIC, Blockchain and eVoting)

Discussed whether to take time out to attend that, specifically the IOTA session.

Mat Yarger of IOTA – session is at 1:45 – 2:15 – we won’t pop round to that. Just basic DLT stuff.

### I3 Speaker(s)

Can ask if some of the LA people can also come on Tuesday (MB will arrange speaker passes)

Can get I3 Consortium people to present on Tuesday to whet people’s appetites for the Wednesday demos. Can get the to dial in or come in person. Dial-in will be available throughout

They would cover:

* Goals of I3 consortium (business and technical)
* Gowri Ramachandran is the lead researcher presenting on Wednesday.
* Aim to get Jerry Power or Bhaskar Krishnamachari to present on Tuesday
  + N will see if they are available
* See if RS available to greet

#### Suggested timings etc.:

Start 1pm

* Review overall IOTA landscape – 15 min, MB
* Process feedback from MARS on Event Dispatcher – 30 min
* IOTA presentation relating to the I3 Data Marketplace (relevant to both demos on Wed) – 30 min
* Coffee
* Spend time on LETS
* Anything else?

End 5pm

Coffee breaks: 2:15 – 3 is when coffee exists.

**As Table:**

|  |  |
| --- | --- |
| 1 – 1:15 | Review overall IOTA landscape – 15 min, MB |
| 1:15 – 1:45 | Process feedback from MARS on Event Dispatcher – 30 min |
| 1:45 – 2:15 | IOTA presentation relating to the I3 Data Marketplace (relevant to both demos on Wed) – 30 min |
| 2:15 – 2:45 | Coffee |
| 2:45 – 5pm | LETS RFP drafting |

### LETS Session

How to structure the LETS session? We have 2 components:

* The draft RFP
* The Big Vision stuff

Goal is to get the RFP out the door.

Spend less time on the big vision stuff.

**Verdict:** Do a single session focusing on the RFP itself.

Introduce with a business scope of the landscape and problem space we are looking at.

### Reminder: MARS Agenda (Monday)

All BC-PSIG related.

* RFI - 15 / 30 min on what we are hearing
* LETS – yes, spend 30 min on that
* Event Dispatcher – time?
* IOTA Tangle RFC – review of next draft
* DIDO RA v 2.0 review and publish 30 – 45 min
* Time for DIDO TE Demo – 15 – 20 min

Formal MARS agenda now published:

|  |  |
| --- | --- |
| 13:00-13:15 | Blockchain Ecosystem Interoperability RFI: Review first draft |
| 13:15-14:15 | Linked Encryption Streams (LETS) RFP: Review Draft |
| 14:30-15:15 | "Event Dispatcher" RFP: Review Draft RFP |
| 15:15-16:00 | IOTA Tangle RFC: Review next draft |
| 16:00-16:45 | DIDO Reference Architecture (RA) 2.0 Discussion Paper: Review next major version |
| 16:45-17:00 | DIDO Test Environment (TE) Demonstration |

## LETS and MAM

### Napkin vision

Inspired by this MAM PoC:

<https://medium.com/topocare-x-iota/efficient-use-of-iota-mam-for-storing-machine-and-sensor-data-357ee00302e2>

### Big Vision Notes

<https://docs.google.com/document/d/1A_CRW0BQwooJdL1G9Mq6_jiYio-HojngY44ktl9k9Lo>

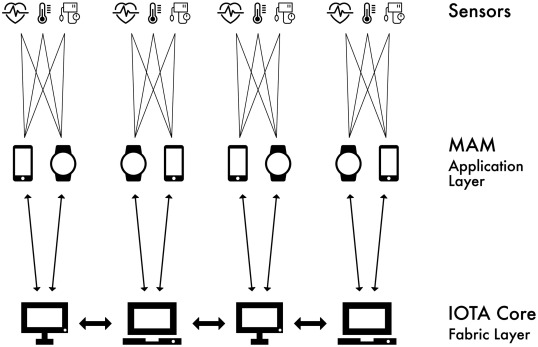
### LETS RFP Draft

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

### RFP Discussion Notes:

Do not pre-empt possible responses.

### Layers



**Layers:** Try and define the scope in terms of layers, so we are not getting responses at the wrong level.

* This is fine

Also we want the response to be based on a real product and extends that to everyone’s benefit (i.e. MAM).

Then the MAM PoC we looked at will be a good example of something that extends that – could be additional conformance point in a separate profile for that kind of functionality.

Aim is to arrive at a standard that we can all live with and that members’ products can implement.