IGF 2015 session DC IoT

Workshop Format

Panel and interactive session with participants

Duration of workshop

90 minutes

IGF 2015 subtheme

Dynamic Coalitions

Description

Since the 3rd Internet Governance Forum (IGF) meeting in Hydrabad (2008), IoT has been on the agenda for multi-stakeholder discussions of all IGFs, and the Dynamic Coalition on IoT continues to raise attention for the potential as well as challenges of the emergence of a world in which increasing amounts of sensors and actuators connected to the Internet and collect, act and share data, with other things and people.

The Internet of Things is still in early stages, and in many ways new possibilities are developed and discovered beyond our imagination, and we welcome it for its potential to help alleviate specific societal challenges where it can. Following the DC meeting during the IGF in Istanbul in 2014 and subsequent meetings during 2015, we came to the conclusion that in order to foster both innovation and user trust in the Internet of Things, like the Internet, a careful balance should be struck between regulation and innovation. Consequently, we have started to explore what principles we should embrace to ensure that <1> innovation and beneficial application of IoT can foster and at the same time <2> society is comfortable with the way these products and services are set up.

We came to understand that the way forward is to be found in taking ethical considerations into account from the outset, both in the development, deployment and use phases of the life cycle, thus to find a sustainable way ahead using IoT helping to create a free, secure and enabling rights based environment. This has resulted in a draft Statement that can be found at http://review.intgovforum.org/igf-2015/dynamic-coalitions/dynamic-coalition-on-the-internet-of-things-dc-iot-4/

This statement is on the table for this session. During the session, and over the coming year we want to further explore what "ethical" actually means in this global context, and how a commitment to such an ethical approach could look like.

Name, stakeholder group, and organizational affiliation of workshop proposal co-organizer(s)

Many people from different sectors and around the world have contributed over the years to the work of the Dynamic Coalition. Coordination of the work is currently in the hands of Wolfgang Kleinwaechter (one of the founding members), Avri Doria, Sandra Hofenrichter, Dan Caprio and Maarten Botterman (current Chairman of the DC).

The link to the work of the DC

Reference to the DC's earlier work can be found on the IGF's website section on DCs (http://www.intgovforum.org/cms/component/content/article?id=1217:dynamic-coalition-on-the-internet-of-things) and on the DC IoT website at http://www.iot-dynamic-coalition.org/.

Subject matter #tags that describe the workshop

#iot; #ethical_iot; #internetofthings; #internetofeverything; #industrial_internet; #privacy; #ethics; #bigdata

Description of the plan to facilitate discussion amongst speakers, audience members and remote participants

The DC workshop will be orientated around 5 key ideas that are reflecting our current thinking working towards a common appreciation of IoT good practice in 2016. These ideas are at the core of the draft declaration on IoT best practice that has been published on the IGF website. The ideas on which we would like to receive feedback are:

1. In order to develop the Internet of Things in a sustainable way developers and deployers need to commit to an ethical approach, taking into consideration that the IoT is really about people and how it affects people;
2. Good practice in IoT products, ecosystems and services require meaningful transparency to users and user control of data produced by or associated with an application, ensuring security and privacy;
3. Products that can be connected to the Internet should come with a clear indication on the data that gets collected, where the data are stored, and what the conditions for access are;
4. Stakeholders should work together to ensure consumers/citizens have choice when wanting to obtain current/popular services;
5. In order to establish a long term relevance of IoT products and services it will be key to establish a clear framework on transparency and accountability, with respect for current legislation and pre-empting changes in values and needs of citizens.

Following the session, a report will be presented in draft to all participants that were identified, and after a review period the meeting report will be posted. In addition, the draft Declaration will be updated to reflect the sense of the IGF meeting.

Names and affiliations (stakeholder group, organization) of the participants in the proposed workshop

Participants to the open Dynamic Coalition for IoT from all sectors and regions.

Name of in-person Moderator(s)

Avri Doria

Name of Remote Moderator(s)

Sandra Hoferrichter (?)

Name of Rapporteur(s)

Maarten Botterman

Description of the proposer's plans for remote participation

As for all DC's that wanted to share a (draft) declaration, the DC IoT declaration is on line and open for comments. All comments prior to the day of the workshop will be considered by the Chair of the DC and will be reflected as much as possible in his opening statement to the meeting, when introducing the draft declaration.

In addition, the ideas underlying the draft declaration will have been presented on-line (as well as physically in the IGF conference facility) to the community, and feedback is welcome on that, too – via the facilities offered by the IGF secretariat.

When streaming of the session is available, questions will be taken via the remote moderator to the session.

Background paper

The draft declaration can be found at
http://www.intgovforum.org/cms/component/content/article?id=1217:dynamic-coalition-on-the-internet-of-things.

Other DC documents including reports on earlier sessions can be found on the DC IoT website at
http://www.iot-dynamic-coalition.org/.

Agenda

1. Opening, introduction of the why and what of the draft declaration on IoT Best Practices by Maarten Botterman, Chairman DC IoT, Public Interest Registry Board (industry) (10 min.)
2. Background to the draft declaration: history and thoughts on ways forward by Wolfgang Kleinwaechter, University of Arhus, ICANN Board (technical community) (10 min.)
3. Panel, moderated by Avri Doria, with representatives from all sectors (30 min.). The following speakers are currently confirmed:
   a. Megan Richards, European Commission, Belgium
   b. Jari Arkko, IETF, Finland
   c. Carlos A. Alfonso, CGI, Brazil
   d. Maarten Botterman, Public Interest Registry, Netherlands
   e. Wolfgang Kleinwaechter, University of Arhus, Germany
   f. Others are pending.
4. Open discussion with all participants and panel), moderated by Avri Doria (40 min.)

Dear

Following your interaction with Prof. Kleinwaechter I herewith invite you to join the panel in the public session of the Dynamic Coaltion on the Internet of Things that will take place during the IGF in Joao Pessoa, on Thursday morning 12 November, 09:00.

The meeting will focus on the draft declaration on IoT good practice, which is posted on the IGF website for comments, and is to develop over the coming year into a full declaration. Whereas the workshop is an open workshop for all that want to participate to the work of the Dynamic Coalition on the Internet of Things, we would highly appreciate it if you would be willing to share your view with an opening statement on what you feel is important to make IoT work well, globally, as part of the panel that will inform the discussion.

It would be a pleasure and an honor to have you on our panel. Happy to answer any questions you may have.

On behalf of the Dynamic Coalition for the Internet of Things,

Kind regards

Maarten Botterman   Wolfgang Kleinwaecher
Chairman, DC IoT   co-founder and former Chairman

Diffey Helmond 1024

Heartbleed

- Jari Arkko (IETF Chair)

- Megan Richards (EC, Principle Advisor)

- Carlos Alfonso (CGI Board)

- Max Senger (Google)

- Wolfgang Kleinwaechter (Aarhus University, ICANN Board)

- Maarten Botterman (GNKS, Public Interest Registry Board)

Olga Cavelli