



RIPE NCC

RIPE NETWORK COORDINATION CENTRE

RIPE IoT Roundtable

Report from Leeds

First RIPE IoT Roundtable



- Idea sparked after the RIPE 74 BoF
 - 90 minutes is not all that much
 - Several community members indicated interest in the topic
 - We just got offered this slot here in Dubai
- Do a dedicated day long meeting
 - Invite a broad range of stakeholders
 - Sample what can be done or needs to be done
 - Work out some of the details before RIPE 75
- AQL offered their meeting space in Leeds

Leeds (UK) 21 September 2017



- About 30 participants from a diverse background
 - RIPE Community, Academia, Industry, LEA
- Agenda with samples of IoT activity and work that might be relevant for RIPE:
 - Relevant research in this field
 - Insights and experience with deployments
 - Industry developments
 - Community ideas towards solving issues



Agenda in Leeds

- Networks and Things: Why IoT Needs a Different Approach
 - RIPE Atlas and IoT - Robert Kistelevki, RIPE NCC
 - Balanced Security for IPv6 CPE Revisited - Enno Rey, ERNW
- The Fundamental Challenges of IoT Security and What the RIPE Community Can Add
 - What's now, what's next? - Constanze Dietrich, Technical University Berlin
 - Securing your cyber with CISP - Stuart Hyde, AQL/CISP

Agenda in Leeds (2)



- Governance, Regulation, the RIPE Community and the IoT
 - Beyond Industrie 4.0 - IoT market trends in Germany- Tobias Knoblen, ECO
- Moving forward to RIPE 75
 - Discussion
 - Deciding on agenda for this session
 - Draft charter

Meeting Report



- Full report online at event website
 - <https://www.ripe.net/iot-sept-2017/report/>
- Security remains a big item
 - Need security by design
 - Time-to-market and cost savings harm security
 - Operators should hold back on filtering and not create too much of “an assisted Internet experience”
 - Many security issues originated from mistakes
 - Sharing information about vulnerabilities can help

Onwards to a Working Group?



- Participants supported the idea
 - Information sharing is very valuable
 - Development of best practices can help security
- RIPE NCC often invited to IoT events
 - Needs a place to report on what goes on
 - Working Group can help in developing positions
- Need to get output to IoT industry
 - Needs a place to invite them into our community
 - “sign on the door that RIPE is looking at IoT”



Questions?

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