



**RIPE NCC**

RIPE NETWORK COORDINATION CENTRE

# RIPE NCC IoT Activities

# Key Objectives



- Make the connection between RIPE NCC, RIPE and IoT manufacturers and developers
  - Establish relationships with people and organisations
  - Raise awareness of key topics: IPv6 and security concerns
- Only a small subset of IoT uses IP directly
  - Internet is more used as a “VPN” for long-haul transport
  - Those who use IP point to the carrier for details
- Create awareness about the role of the Internet and the way it is organised

# Many Different Channels



- Existing relationships
  - Europol, Interpol, ENISA, ITU, governments and EU
- RIPE NCC membership
  - In particular the larger (mobile) telco/carriers
- Dedicated Organisations
  - Member of Alliance for IoT Innovations (AIOTI)
- I\* partners
  - IETF, IAB, ISOC, RIRs and ICANN
- Media relations and publications

# Media Relations



- We get questions almost weekly, usually in relation to incidents or events
  - Good opportunity to explain who we are and advocate for an open, self-regulatory and multi-stakeholder approach
- Articles and blog posts
  - Explain the benefits of doing it “the Internet way”
  - Show the value of participating in, for instance, RIPE

# ITU Study Group 20



- Actively participating for a few years now
- Very broad spectrum of topics
- Work often very abstract and high level
- Our biggest concerns are identification and addressing raised in almost all work items
  - Digital Object Architecture (DOA) or similar solutions
- Specific work item on IPv6 addressing
  - Please see the next session of IPv6 Working Group



- Fully established as independent organisation
  - Secretariat and website now also transferred
- Mostly just tracking the ongoing work
- High-level document on addressing needs now ready for publication
  - Only a small mention of IPv6
  - Refers to RIRs and community as authority for IP
  - Mostly addresses industrial needs on hierarchy and identification, referring to many existing solutions



# Questions?

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