



RIPE NCC

RIPE NETWORK COORDINATION CENTRE

A Big Year in the ITU

Suzanne Taylor | 22/2/22 | RIPE NCC Roundtable Meeting



The RIPE NCC and the ITU

How do we engage?



- RIPE NCC is a sector member of both ITU-T and ITU-D
- Contribute to:
 - Regional coordination groups
 - Study Groups (SG11 on protocols, SG13 on future networks and SG20 on IoT)
 - Major conferences
 - Informal Experts Groups
- Our mission:
 - Provide technical expertise
 - Ensure ITU remains within its mandate
 - Promote multistakeholder approach



What's happening?

A busy year...



- Major conferences rescheduled from 2020 and 2021

WTPF-21	Policy	Virtual	16-18 Dec 2021
WTSA-20	Standards	Geneva / virtual	1-9 March 2022
WTDC-21	Development	Kigali	6-15 June 2022
PP-22	High-level	Bucharest	26 Sept - 14 Oct 2022

Some general considerations



- Four big conferences
- ITU elections
- Constitution being debated (Article 48)
- Virtual meetings for two years

WTPF-21



- Five published opinions:
 - Enabling environment for new and emerging telecommunications/ICTs
 - Affordable and secure connectivity
 - Digital literacy and skills for inclusive access
 - Facilitating sustainable development
 - Use of telecommunications/ICTs in pandemics/epidemics
- Informal Experts Group
 - RIPE NCC participated
 - Met seven times; more than 170 experts

WTSA-20



- Some examples of topics being covered:
 - ccTLDs
 - AI
 - OTTs
 - cybersecurity
 - IP address allocation
 - IPv6 deployment
 - international mobile roaming
 - Human exposure to electromagnetic fields
- We will attend and are available to offer technical expertise
- Our main message: ITU is not the place to develop Internet standards

WTDC-21



- Big focus on development activities in recent years
- We contributed to the European vision for ITU-D
 - Focus on capacity building, best practices and stakeholder inclusion (SMEs, academia)
- Some examples of resolutions:
 - Role of ICTs in disaster preparedness
 - Bridging the digital divide
 - Transition to IPv6 in developing countries
 - IoT and smart cities for global development

PP-22



- Held every four years
- Determines overall direction for ITU
- Elects management positions
- More than 2,000 participants including ministers

PP-22



- **Resolution 101**: Internet Protocol-based networks
- UK's proposed changes:
 - Internet administration organisations (inc. RIPE NCC) in main text
 - Reference to multistakeholderism
 - Language around inclusivity

PP-22



- **Resolution 102:** ITU's role with regard to international public policy issues pertaining to the Internet and the management of Internet resources, including domain names and addresses
- UK's proposed changes:
 - Internet administration organisations (inc. RIPE NCC) in main text
 - Opening up second half of CWG-Internet to all stakeholders
- Our input cautioned that CWG, if opened, is still not a replacement for the IGF and national initiatives

PP-22



- **Resolution 130:** Strengthening the role of ITU in building confidence and security in the use of information and communication technologies
- UK's proposed changes:
 - Specific steps public can take to increase security
 - Responsible reporting of vulnerabilities
 - Impact of COVID-19 and remote working
 - ITU's resiliency platform in response to COVID-19

PP-22



- **Resolution 133:** Role of administrations of Member States in the management of internationalized (multilingual) domain names
- UK's proposed changes:
 - Internet administration organisations (inc. RIPE NCC) in main text
 - Text on access, gender equality, digital skills, private investment, multistakeholderism

PP-22



- **Resolution 180:** Promoting deployment and adoption of IPv6 to facilitate the transition from IPv4 to IPv6
- UK's proposed changes:
 - Internet administration organisations (inc. RIPE NCC) in main text
 - Text on capacity building, competition, private investment, best practices, multistakeholderism
- Our input included some technical edits and cautioned against placing too much focus on the ITU's involvement in Internet governance



Beyond the conferences

CWG-Internet



- ITU Council Working Group on International Internet-related Public Policy Issues
- Proposals in CWG-Internet occasionally require action
- Argued against opening it up to stakeholders in the past
- Now believe this is needed

Study Groups



- SG11 (protocols) / SG13 (future networks) / SG20 (IoT)
- “New IP” proposal quashed in SG13 end of 2020
- More proposals on alternative Internet architecture
 - Draft Recommendation on “Framework and Requirements of Decentralized Trustworthy Network Infrastructure”
 - Involves using blockchain for BGP
- Our main message: Existing processes are working well



Let's work together

Cooperation and the road ahead



- The ITU relies on industry expertise...
 - RIPE NCC is here to contribute
- ...but it has a limited mandate
- Let's keep Internet governance discussions where they belong
 - All stakeholders are crucial
- RIPE NCC and governments have a lot of shared goals
- This is an ongoing conversation and process



Questions



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