Global Access to the Internet for All Research Group GAIA

- **IETF 105, Montreal**

- Date: 2019-07-23
- Time: 13:30 – 15:00 EDT

- Chair: Jane Coffin <coffin@isoc.org>
- Chair: Leandro Navarro <leandro.navarro@upc.edu>

IETF Note Well

https://www.ietf.org/about/note-well/

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

As a reminder:

• By participating in the IETF, you agree to follow IETF processes and policies.

• If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.

• As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.

• Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.

• As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (https://www.ietf.org/contact/ombudsteam/) if you have questions or concerns about this.

IETF Note Well (cont.)
https://www.ietf.org/about/note-well/

Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- BCP 9 (Internet Standards Process)

- BCP 25 (Working Group processes)

- BCP 25 (Anti-Harassment Procedures)

- BCP 54 (Code of Conduct)

- BCP 78 (Copyright)

- BCP 79 (Patents, Participation)

- Privacy Policy

Global Access to the Internet for All Research Group GAIA

Charter

The Internet Society's Global Internet User Survey 2012 reveals that a large majority of respondents believe that Internet access should be considered a basic human right. However, in the reality of today's Internet, the vision of global access to the Internet faces the challenge of a growing digital divide, i.e., a growing disparity between those with sufficient access to the Internet and those who cannot afford access to the essential services provided by the Internet.

GAIA Objectives

- **to create increased visibility and interest** among the wider community on the challenges and opportunities in enabling global Internet access, in terms of technology as well as the social and economic drivers for its adoption;

- **to create a shared vision** among practitioners, researchers, corporations, non governmental and governmental organisations on the challenges & opportunities;

- **to articulate and foster collaboration** among them to address the diverse Internet access and architectural challenges (including security, privacy, censorship and energy efficiency);

- **to document and share deployment experiences and research results** to the wider community through scholarly publications, white papers, presentations, workshops, Informational and Experimental RFCs;

- **to document the costs of existing Internet Access**, the breakdown of those costs (energy, manpower, licenses, bandwidth, infrastructure, transit, peering), and outline a path to achieve a 10x reduction in Internet Access costs especially in geographies and populations with low penetration.

- **to develop a longer term perspective on the impact of GAIA research group findings on the standardisation efforts at the IETF**. This could include recommendations to protocol designers and architects.

GAIA IETF 105 Agenda

- Welcome, Agenda Bashing, Minutes taker, Blue Sheets, etc. (5 min)

- RIPE NCC Data and Tools, Mirjam Kuhne - RIPE NCC (remote, 12m)

- M-Lab - Supporting Open Internet Research, Lai Yi Ohlsen, Chris Ritzo - Measurement Lab (remote, 12m)

- Indigenous communities and net-dev. Matt Rantanen - Southern California Tribal Chairmen's Association (SCTCA) (remote 12m)

- An open source tool for wireless link planning and mesh network topology generation, Leonardo Maccari - U. Venice (12m)

- Technologies for decentralized urban community cellular networks, Kurtis Heimerl, Spencer Sevilla – UW (12m)

- BCP on cooperative fibre networks (alternative operators), Leandro Navarro – UPC (12m)

- AOB: Next steps for GAIARG, including Update of RFC 7962 "Alternative Network Deployments..." August 2016 (5 m)