

GAC - Emerging Technologies

Framework for Information Flows

Session #9

Wednesday, 14 June 2023

Session Goals

1. Create List of technology topics the committee would like to learn more about. Suggest priorities and preferences
2. Identify and discuss options for informational frameworks the GAC could best utilize to share information/content in the future

1. Create List of technology topics

Background

In planning discussions for the ICANN77 public meeting, GAC Members expressed a desire to identify and discuss topics involving new technologies that will influence or impact the DNS and the Internet in the future

Initial Topic Suggestions

- Alternative DNS root
- Blockchains
- Artificial intelligence

Identify/Discuss Additional Topic Suggestions



2. Case Study

The root most of us know is the root administered by ICANN. In addition to this root, several organizations operate alternative DNS roots, often referred to as alt roots. These alternative domain name systems operate their own root name servers and commonly administer their own specific name spaces consisting of custom top-level domains.

April 2022 OCTO wrote in the executive summary of a report on challenges with alternative naming systems: “The lack of name space coordination, either between those alternative naming systems and the DNS, or simply among those alternative naming systems, will result in unworkable name collisions. This could lead to completely separate ecosystems, one for each alternative naming system, which would further fragment the Internet. This is the exact opposite of the vision of “one world, one Internet.” [Challenges with Alternative Name Systems \(icann.org\)](https://www.icann.org/en/about/initiatives/octo-report)



2. Identify and discuss options for informational frameworks

Potential Educational Approaches

- Lectures
- Panel Discussions
- Written documentation (e.g., report, FAQ, etc. formats)
- Other resources

Tools

- Webinars
- Public Meeting Session Presentations
- Capacity Development Workshops (curriculum)

Time Frequency

- As requested
- Monthly
- Every Public Meeting
- Alternate Public Meetings

Archival Options

- ICANN.org reference pages
- GAC Web pages (e.g., welcome webinar page evolution)



Summarize



Thank you!

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WASHINGTON, D.C.