Name and Affiliation / Nom et Affiliation / Nombre y Afiliación (ALAC member/RALO) *

APRALO (Siva)

Proposed Session Title / Titre de Session Proposé /Título de la sesión propuesta *

New Technologies of significant potential good and New Identifiers: Could it also hold the potential to be a new threat of fragmentation of the global Internet?

Brief Description / Brève description / Breve descripción *

he Blockchain technologies are invaluable, the products and services that it enables, especially Cyber Currency and various other future services would also turn out to cause significant and disruptive positive progress in the world. It is also understood that the blockchain and cryptocurrency technical community is largely comprised of good actors who are prone to act in public interest. There are already thousands of virtual currencies, commonly called cryptocurrencies. These could be centralized, but they are not from the government...Fully decentralized versions of cryptocurrencies include bitcoin and its competitors. Cryptocurrencies run on distributed-ledger technology: multiple devices all over the world, not one central hub, are constantly verifying the accuracy of the transaction. A recent development is that of governments issuing crypto currencies called CDBCs as a digital form of a country's fiat currency that is also a claim on the central bank. Instead of printing money, the central bank issues electronic coins or accounts backed by the full faith and credit of the government. Published information indicates that 87 countries (representing over 90 percent of global GDP) are exploring a CBDC; 7 countries have so far fully launched a digital currency. Against the backdrop of these developments related to CBDCs, just as the first actors in this arena are private actors, the first platforms and the first of the efforts to bring together the platforms are entirely private initiatives, often spearheaded by the business actors. In this context this workshop is proposed, more as a session to summarize developments in this arena for the Internet Community to take note of the tremendous pace at which these technologies are emerging, their potential to cause change and potential for good, and also to pay attention to how these technologies would be smoothly integrated into the Internet ecosystem, without unwittingly causing harm to the way the Internet works. Specific questions that merit attention are: Is there a formal or informal structure to help coordinate the evolution and adoption of these technologies? Are these technologies evolving in the right direction? Who are the early actors in commercialization of these technologies? With these broad questions, the Community could also explore questions that relate to ICANN's core mission, that of Internet identifiers for the products and services that these new technologies require. There are environments that enable these technologies to be adopted and cause to flourish, largely open source, but different "brands" (not altogether unlike America Online and Compuserve, or a mobile operator commercially reluctant to full-fledged peering arrangements), each promoting an environment that may not be entirely interoperable. There appear to be an initiative(s) to integrate multiple platforms and bring together various actors, titled "an Internet of Blockchains" aka "Network of Distributed ledgers" These titles need to be examined especially.

Rationale/Desired Outcomes - Justification/Résultats souhaités / Justificación/Resultados deseados *

Desired outcome is that this and follow up discussions, possibly starting with a roundtable discussion during ICANN73 in a cross-community discussion involving invited experts, would lead to the required level of attention by the Internet stakeholders including blockchain technology actors; would lead to clarity of thinking on how these technologies are defined with positive directions for their further evolution within the Internet ecosystem in manner of causing far greater public good that these technolgies potentially hold; also intended for the existing multistakeholder process to pay the required level of attention and wider support to enable the further evolution of these technologies.

Which, if any, other community groups do you plan to involve in your session? Please explain your plans for working cooperatively with the group(s), including your contacts, skill sets sought, etc. *

Apart from ALAC, the gNSO, the ccNSO, GAC, SSAC, RSSAC, the Board and Executive, possibly with invitations to the IETF and the Internet Society. A tentative and rough list of invitees would inlcude one or two Blockchain Experts, a cryptocash expert, one panelist from ALAC/At-Large, one panelist from RSSAC/SSAC, one panelist from IETF with a good understanding of the Internet ecosystem and Internet Policy, a business participant from cryptocurrency / blockchain platform and one panelist from the Government and one from any intergovernmental initiative that might have begun examining global issues.

Session Leaders/Facilitators and Panelists/Presenters - Facilitateurs de session et présentateurs - Líderes de sesión/facilitadores y panelistas/presentadores *

this question could be addressed as the session takes shape.

Under which At-Large Priority Activities 2022 work track area does this topic fall? / Dans quel domaine de travail ce sujet relève-t-il? - En qué área de seguimiento de trabajo de las actividades prioritarias de At-Large 2022 se incluye este ema? ... See list of tracks: https://community.icann.org/x/loYmCQ

Global Public Interest

Additional information or comments /

A few helpful links for a better understanding of the developments: https://smartcontracts.org/docs/ic-identity-guide/what-is-ic-identity.html More on this from page https://medium.com/dfinity/internet-identity-the-end-of-usernames-and-passwords-ff45e4861bf7 https://medium.com/dfinity/web-authentication-and-identity-on-the-internet-computer-a9bd5754c547 https://medium.com/dfinity/the-open-internet-booms-golden-opportunity-8afb39d63ca
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