Patrick L. Jones

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Overview of engagement on security, stability and resiliency issues

Several departments within the ICANN Organization perform outreach and engagement on security, stability and resiliency issues. This includes the technical community engagement of the Office of the CTO, Global Stakeholder Engagement and Government Engagement teams, DNS Engineering, Public Technical Identifiers (IANA), and Global Domains Division.

Global Stakeholder Engagement helps support the work of the Office of the CTO, representing ICANN at technical community events (often attending events such as IETF, DNS-OARC, Network Operator Group meetings, Regional Internet Registry meetings, regional TLD organization meetings, DNS Forums and DNS Symposiums), supporting DNSSEC training, DNS abuse and misuse training with public safety entities, individual training with ccTLD operators, regional and national Internet Governance Forums, cybersecurity conferences and related technical events. We work with our Government Engagement colleagues on requests from the GAC Public Safety Working Group and in facilitating DNS training for recent GAC capacity development events in Nairobi and Vanuatu (see https://www.icann.org/news/announcement-2017-01-13-en and https://www.icann.org/news/announcement-3-2017-04-20-en) .

Global Stakeholder Engagement has regular contacts with the Office of the CTO to ensure ICANN's SSR engagement is coordinated and that community requests for engagement and training are tracked. The Global Stakeholder Engagement team uses its knowledge of the wider Internet community in the regions to identify participation gaps at ICANN and encourage stakeholders to contribute public comments and expertise in ICANN policy work related to the unique identifier systems within ICANN's Mission.

I have personally given talks on DNS, DNSSEC and ICANN's SSR role and remit at regional and national IGFs, with ccTLDs, regional NOG meetings, Organization of American States, talks with participants from underserved regions at the US Telecommunications Training Institute (USTTI) and technical experts with the UN Group of Experts on Geographic Names. I regularly work with the Office of the CTO to identify subject matter experts and resources to speak on behalf of ICANN in technical engagement activities, trainings and other meetings.

Adiel has covered similar other talks at IETF, with NOGs, I* partners, RIRs and others such as at the recent Africa Internet Summit.

One more aspect that I failed to make clear in my comments is the role Global Stakeholder Engagement has with the DNS Engineering Team. GSE regularly works with stakeholders in the regions to answer questions and assist with the distribution of new L root instances around the world. Typically this involves fielding questions from Internet Service Providers and other infrastructure operators about the technical requirements for hosting an instance, connecting them with the DNS Engineering team, and doing any follow-up in case there are issues. Coordination between GSE and the DNS Engineering team is built into the process: https://www.dns.icann.org/lroot/host/ and has resulted in wide distribution of L root instances around the world.