GFCE Triple-I Guwahati, India

India Institute of Technology, Guwahati, 28 September 2023

The GFCE Triple-I initiative facilitates awareness raising and capacity building events in different regions of the world in order to enhance justified trust in the use of Internet and/or email in those regions through multistakeholder cooperation.

Agenda

09:00   Opening by Host and Moderator: Welcome and intent of the day

Welcome address by Satish Babu, India School for Internet Governance

Introduction to the day by the GFCE Triple-I moderator, Maarten Botterman

Special address by Prof Sukumar Nandi, Senior Professor, Department of Computer Science & Engineering, India Institute of Technology Guwahati

09:30   Block I: Better Use of Today's Open Internet Standards:

Moderated discussion about the use and usefulness of Open Internet Standards such as DNSSEC, TLS, DANE, RPKI, ROA, DMARC, DKIM, SPF and IPv6 (with invited experts [to be named] in the room to inform participants). These standards are also discussed in the GFCE Triple-I Handbook, which is available at [website address], and technical tests for the state of implementation are available at www.internet.nl.

Section 1:   DNSSEC, TLS and DANE: Yazid Akanho and Jia Rong Low (ICANN)

Section 2:   RPKI and ROA: APNIC – Terry Sweetser (APNIC)

Section 3:   DMARC, DKIM, SPF – Gerasim Hovhannisyan (EasyDMARC)

Section 4:   IPv6: Anurag Bhatia (Hurricane Electric)

section 5:   Current status of adoption based on internet.nl measuring: and on the plans to set up on Indian site for measuring adoption levels of modern Internet standards: Anand Raje

11:00   Coffee/Tea

11:15   Block II part 1: Inspiration from Good Practice Actions

(We foresee a number of other good practices from the region, and beyond, to be presented during this "Block II", with a mix of international and regional speakers. This information will be updated as soon as we know.)

  a- Internet Resilience Index: providing a snapshot of a country's Internet resilience in terms of infrastructure, performance, security, and market readiness.: Sarah Lake (ISOC)
  b- MANRS: rationale, development and deployment in India: Anand Raje (MANRS Ambassador)
  c- KINDNS: rationale, development and deployment in India: Yazid Akanho and Jia Rong Low (ICANN)

12:30   Lunch

13:30   Block II part 2: Inspiration from Good Practice Actions

  d- DDOS mitigation: more about a European "cookbook" on DDOS attack mitigation (see https://www.concordia-h2020.eu/wp-content/uploads/2023/03/PREPRINT-D3-6_DDoS_Clearing_House_Cookbook.pdf), Octavia de Weerdt, NBIP (https://www.nbip.nl/en/).
  e- IoT security short intro about the penetration and potential of IoT, and with a specific focus on security aspects to be taken into account: Maarten Botterman (IGF DC IoT) and Ihita Gangavarapu (Indian IoT security researcher)
  f- UA/IDN status overview for India – where is it, and what's next. How can stakeholders help: Jia-Rong Low (ICANN), Anil Jain (NIXI/UASG)

15:00   Tea

15:15   Block III: Planning for a More Trusted Internet: Marketplace for Action

Facilitated brainstorm, based on the input discussed over the day, and an introduction on a possible way forward leveraging the "justified trust in the use of the Internet and email" throughout India.

16:45   Conclusions and Closing Remarks

17:00   Ends – [followed by high tea for all]

Please reach out to your networks to invite those that would benefit from participation, and/or could contribute to the discussion. For registration, please use the following link: https://triple-i-workshop-2023.gfce-events.com/.