



# GFCE Triple-I Guwahati, India

Indian 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, Indian 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, Indian 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](http://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: IPv4: 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 Rajee

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](https://www.concordia-h2020.eu/wp-content/uploads/2023/03/PREPRINT-D3-6_DDoS_Clearing_House_Cookbook.pdf)), Octavia de Weerd, 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/>.*