Asia-Pacific Regional Bureau

Board Presentation

18 November, Singapore
Internet Society in Asia-Pacific

The Numbers

- Individual Global Members - 32,499 (~31% of total ISOC membership; 15% YoY growth)
- Chapters -22
- Chapter Members - 17,564
- Organisational Members – 20

Regional Office

Operational Since December 2011 in Singapore with staff and advisors located across the region.

Team includes:

Noelle De GUZMAN based in Manila
Naveed HAQ based in Islamabad
Olivia LOY based in Singapore
Aftab SIDDIQUI based in Sydney
Rajnesh SINGH based in Sydney/Singapore
Subhashish PANIGRAHI in Bengaluru

Two Board of Trustee Members are also currently located in Asia-Pacific: Hiroshi ESAKI in Japan, Harish PILLAY in Singapore
Who we are

Rajnesh Singh
Regional Bureau Director

Aftab Siddiqui
Technical Engagement Manager

Subhashish Panigrahi
Chapter Development Manager

Noelle Guzman
Regional Programs Coordinator

Naveed Haq
Regional Development Manager

Olivia Loy
Admin Support
Where we work
The biggest region in the world

30% of the World!
Survey of Internet Policy Issues in Asia-Pacific

- Launched in 2014, our annual study gathers the views of Internet stakeholders towards topical Internet policy concerns in the region.
- On average, over 2,000 responses per year from around 40 economies.
Wireless for Communities (W4C)

- Launched in 2010 - **over 100 sites in South Asia** (direct and inspired)
- Has received **2 international awards**
- Addresses gap in last mile connectivity through community owned, operated and managed networks in unserved and underserved areas
- Digital literacy, supplementary education and e-entrepreneurship skills, focusing on **women empowerment**
Sub-regions
ISOC @ South Asia

Global Members: 20000+
Chapters: 11
Chapter Members: 13000+

Population 1.86 billion
Internet Penetration 28%
Mobile Penetration 84%

IU: 0.27 IP: 71.8 Ch: none MP: 100
IU: 462 IP: 34.4 Ch: 6 MP: 84
IU: 14 IP: 21.9 Ch: 1 MP: 98
IU: 0.28 IP: 36.5 Ch: none MP: 88
IU: 63 IP: 38.4 Ch: 1 MP: 83
IU: 6 IP: 29.1 Ch: 1 MP: 100
IU: 4 IP: 11.7 Ch: 1 MP: 80
IU: 35 IP: 17.5 Ch: 1 MP: 74
IU: 6 IP: 29.1 Ch: 1 MP: 100
IU: 462 IP: 34.4 Ch: 6 MP: 84

IU: Internet Users in million
IP: Internet Penetration %
Ch: ISOC Chapters
MP: Mobile Penetration %
ISOC @ South East Asia

**Global members:** 6500+

**Chapters:** 5

**Chapter Members:** 3000+

**QUICK FACTS**

- **Population:** 648 million
- **Internet Penetration:** 55%
- **Mobile Penetration:** 133%

IU: Internet Users in million
IP: Internet Penetration %
Ch: ISOC Chapters
MP: Mobile Penetration %
Global members: 1000+

Chapters: 2

Chapter Members: 800+

- IU: Internet Users in million
- IP: Internet Penetration %
- Ch: ISOC Chapters
- MP: Mobile Penetration %

### QUICK FACTS

- **Population**
  - 40 million

- **Internet Penetration**
  - 68%

- **Mobile Penetration**
  - 100%

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**ISOC @ Oceania**
Cable capacity goes up by 30% annually

Source: TeleGeography
‘Mobile-first’ to ‘mobile-only’ region

Source: GSMA
IPv6 use increases slowly but steadily
IPv6 Deployment Heat map APAC
IXP Mapping Project – APAC [www.ixpmap.org]

- Mapping all active IXPs in South Asia, Southeast Asia, North/East Asia, Pacific
- Identifies cities that would benefit from an IXP based on population
- On-going project, *initiated specifically to support AP-IS*; contributions welcome
- www.ixpmap.org

*Asia-Pacific Information Superhighway
Regional Headlines around Internet Policy & Regulation

- Laws on Cyber Security
- Internet Surveillance and Content Blocking
- Narrowing the Digital Divide
- Emphasis on Digital Economy
- Net Neutrality/OTT
- Privacy
The world’s centre of economic activity
Development – Digital Strengths & Opportunities

Asia-Pacific encompasses a wide array of countries at different stages of digital development, with their own unique challenges and outlook, and therefore their own pathways to digital transformation. In general, governments across the region have realised the linkage between ICTs and socio-economic development; and therefore focusing on:

- Investing in ICT infrastructure
- Encouraging innovation and use of ICTs for service delivery
- Fostering digital inclusion
- Improving digital literacy and building capacity

Young and tech savvy population
The region represents more than half of world’s mobile population
Strong economic growth
Emergence of local players

Mobile contributing to economic and social development across the region

- **Digital Inclusion**: Delivering digital inclusion to the still unconnected populations. 
  - Mobile internet penetration: 50% (2016) → 63% (2020)

- **Financial Inclusion**: Delivering financial inclusion to the unbanked populations. As of May 2017 there were
  - 76 live mobile money services in 22 countries

- **Innovation**: Delivering innovative new services and apps.
  - Number of M2M connections to reach 476 million by 2020

Source: GSMA
Asia-Pacific Regional Issue Papers

• Series of issue papers to provide guidance to decision-makers and stakeholders
• Key findings, information on the state of play, opportunities as well as questions to think about
• Topics include (available at www.internetsociety.org/apac)
  - Gender
  - Digital Access
  - Online Privacy
  - Policies for the Digital Economy
  - Local Content
  - Internet of Things
  - Social Media
  - Climate Change
  - Financial Inclusion
  - Rural Connectivity
  - Frugal Innovation and Entrepreneurship
  - Enabling E-services
  - Disaster Risk Reduction
  - Community Empowerment
  - Internet Safety
Collaboration, Coordination & Cooperation to further Access and Trust in the region

Some highlights of our work this year
An integrated regional strategy

**Diversity** of region requires a **dynamic** approach

Focus on **building capacity** for developing countries, **enhancing** security & stability of Internet infrastructure, **raising** awareness on access and trust issues, **advocating** for an open and accessible Internet, **supporting** the open standards development process, **facilitating** multistakeholder dialogue, and **collaborating** with partners and stakeholders to **reduce** duplication of efforts and **maximise** our resources.

Our work plan **prioritises** cross-collaboration within and between stakeholders and issues.
Our work under Access

*Community Networks*: building infrastructure and community capacity to leverage connectivity, facilitating exchange of knowledge and expertise (CNXAPAC)

*Digital Accessibility*: raising awareness among target groups (policymakers, software developers); development of workshop toolkit

*Technical Outreach*: support of NOGs (including advocating greater gender diversity of fellowship programmes), technical assistance (including establishing neutral IXPs)

*Leadership Development*: online training (IG for youth and APrIGF/APIGA fellows), IETF Public Policy track, mentoring and face-to-face training

*Policy advocacy and principles*: Regional issue papers, studies (LLDCs, SIDS, CNs), joint workshops/events, speaking engagements, country engagement

*Shaping the IG conversation*: support of national and regional IGFs, SIGs, promoting participant diversity (including gender and developing countries)
Our work under Trust

Furthering Online Privacy: sub-regional approach to gather views and best practices on online privacy to further discussions on trust in the digital economy and the future, mindful of the diversity of the region and its nuances

Asia Internet Symposium: focused events to drill down on Internet topics of local importance and a way forward to help local stakeholders make informed choices and decisions (Vietnam and cybersecurity)

Collaborative Approach to security: promotion of MANRS to the operators/RIR community, and the collaborative security approach to industry, governments and regional policy/regulatory forums

Engaging stakeholders: across sectors to advocate for shared responsibility for our collective digital security – both now and into the future
A (small!) sampling of our activities
IETF Awareness
16 workshops in 2016 reaching 1000+ participants in Indonesia, Philippines, Singapore
2017: South Asia (Bangladesh, Pakistan, Sri Lanka)
3 Drafts, 2 Fellows at IETF 100

Online Privacy Workshops
in India, Philippines, Singapore, Vanuatu with partners including National Privacy authorities, Media, Chapters, Government Agencies

Digital Accessibility Workshops
in Indonesia and Sri Lanka, with partners including Chapters, Government Agencies, Disabilities Groups

Moderated IG Course
for 60+ participants from 20+ economies conducted online over two 5-week periods

Drafts, Fellows at IETF 100

Online Privacy Workshops
Mapping Online Child Protection in Asia-Pacific

an overview of initiatives, policies and best practices across 11 economies covering low, moderate, high Internet penetration levels

Formation of APASA partnering with APNIC, DotAsia and ICANN, we formed the APAC Alliance for Schools and Academies of Internet Governance (APASA) to streamline funding and inter-organisational collaboration for IG initiatives in the region

New IXPs and IXP Mapping Project in Pakistan and Papua New Guinea, working with government agencies, local operator community and RIR and launch of regional IXP Mapping project
Our year so far

- 25 Economies
- 50 Speaking Engagements
- 30 Events and Activities
- 3,000+ People Trained
Media Coverage

ars technica
Việt Nam News
CIO
SECURITY BRIEF ASIA
ET Telecom.com
THE STRAITS TIMES
www.news.cn
THE NATION
IDG
Bangkok Post
Beijing Bulletin
GLOBAL TIMES
ZDNet MOBILE
OPEN GOV

The best news, you have our word on it

Discover China. Discover the World

Insightful, in trend, independent

Papua New Guinea Today
Keep in touch!

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Curated news from Asia-Pacific

https://www.scoop.it/t/internet-in-asia-pacific

Regional Newsletter

What does the Internet mean for APAC?
*Internet For Me video
Thank you.

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https://www.scoop.it/t/internet-in-asia-pacific
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