APNIC Update to the IGF

Joyce Chen
IGF – Open Consultation & MAG meeting
23 February 2022
Strategic Pillars

VISION
A global, open, stable, and secure Internet.

MISSION
To provide essential services as a Regional Internet Registry, and to support Internet development in the Asia Pacific region.

STRATEGIC PILLARS
1. MEMBERSHIP
2. REGISTRY
3. DEVELOPMENT
4. INFORMATION
5. CAPABILITY

VALUES
Passion – Trust – Curiosity – Accountability – Inclusion

CREDO
WE ARE APNIC
Member Services

- APNIC is a member-based not-for-profit organization
- Total Members: direct 8,768; indirect 12,089
REGISTRY
APNIC – Regional Internet Registry for Asia-Pacific

• Coordinate logical addressing layer of the Internet.
• We allocate and register IPv4, IPv6 and AS numbers.
• IPv4 is running low. We promote IPv6 deployment.
• Commitment to routing security with RPKI to improve route management
• 37.65% IPv6 capability for AP region
Multistakeholder Policy Development

• Policy SIG is where the APNIC community gather to develop policies which relate to the management and use of Internet number resources within the Asia Pacific region
  • Policy SIG Community Consultation in March; Policy Document Review Working Group formed with 44 participants
  • WG submitted nine proposals for APNIC 52 Policy SIG; four were accepted and all reached consensus
APNIC Conferences

• 2 APNIC conferences per year
  – APRICOT in February
  – APNIC Conference in September

Fellowship Program

• New six-month online program
  – Technical, policy and Internet governance presentations
  – Training by APNIC Academy
  – Sessions with community mentors
Internet Governance Commitment

• GLOBAL >
  – MAG and IGFSA Executive Committee;
  – Conducted three IGF sessions

• REGIONAL >
  – APrIGF: including MSG, PC and fellowships;
  – Conducted two APrIGF workshops
  – IGF regional: SEA IGF, Pacific IGF, APIGA, APSIG

• NATIONAL >
  – HKIGF, bdSIG, India IGF 2021, Youth IGF
  Bangladesh, Youth IGF Vietnam, Youth IGF India,
  NetThing 2021 (AU)
Technical Community Support

• Participate in tech community events
  – Such as NOG events

• Security events
  – Including training sessions and CERTs
Government Engagement

- ITU meetings
- APT (Secretary General and Secretariat)
- OECD
- APEC TEL
- LEA training and engagement with other national LEAs
## APNIC Academy

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<thead>
<tr>
<th></th>
<th>Instructor-led</th>
<th>Self-paced</th>
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<tbody>
<tr>
<td>Courses</td>
<td>96</td>
<td>1,735 completions; 3,340 hours contact</td>
</tr>
<tr>
<td>Students</td>
<td>2,382</td>
<td>5,428 new (17,018 in total)</td>
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<tr>
<td>Locations</td>
<td></td>
<td>48 economies</td>
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<tr>
<td>Virtual Labs</td>
<td></td>
<td>6,070 labs 6,902 hours</td>
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<tr>
<td>Webinars</td>
<td>20 webinars</td>
<td>1,202 attendees</td>
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Dave Phelan, APNIC
Internet Infrastructure Support

• IXPs
• Root servers
• Community Honeynet and Security Threat Sharing Platform
• RIPE Atlas
Study on Internet’s Technical Success Factors

Joint project with LACNIC

Report published and presented at 2021 IGF:
https://www.youtube.com/watch?v=nl1n4VGRHng

https://www.apnic.net/internetstudy
Supporting APNIC’s development activities

Information Society Innovation Fund (ISIF Asia)
USD 1.82 million in grant funding has been awarded to 22 projects covering 16 economies

https://blog.apnic.net/2022/02/01/2021-isif-asia-grant-recipients-announced/
Information Resources

- Blog > blog.apnic.net
  - 70k views per month
- Resource Explorer (REx)
- DASH
- NetOX
CAPABILITY
APNIC STAFF

joyce@apnic.net