AP* - Secretariat

17 Feb, 2020

Melbourne
Pre-AP*

- 1990s APNG
  - Organization Updates during APNG Meetings

- 2000
  - Decided to spinoff the Organization Updates, and Named AP* Retreat
AP*

• Twice a Year
  During APRICOT in February, and
  During APNG, APAN or APNIC in July - September

• Updates of Internet Organizations in Asia and Elsewhere with Discussion

• AIT IntERlab as Secretariat with the following sponsors;
  Major Sponsors: IntERlab with Initial Funding from Toru Takahashi
  Other Sponsors: APNIC, APRICOT, ISOC,...
  Contributions by Participants
(Partial) **List of AP* Organizations**

AI3, APBioNet, APCERT, APDIP, APIA, APAN, APNG, APNGcamp, APNIC, APRALO, AP*, APOPS, APRICOT, APrIGF, APSIG, APTLD, ASREN, IDRC, IGFarab, INFITT, intERLab, SANOG, WIDE
2019 Chiangmai Main Points

• Main focus was on APNG Re-union
  • May have APNG re-union at APStar (Bangladesh)
• Funding of AP* Secretariat
  • Secretariat’s roles
    • Maintaining Web site
    • Meeting preparation
  • Funding USD2,500 from major AP organisations
Re-organization of AP*Sec

- intERLab has not been able to hire any secretary till now
- USD2,500
  - APNIC
  - ISOC (AP)
  - ICANN (AP)
  - APTLD (NOT yet)
  - APNIC Foundation?
Dinner hosted by DotAsia

18.30 - 21.00  AP* Retreat/ DotAsia Dinner:

Ground Floor Crown Riverwalk,
Crown Melbourne, 8 Whiteman St,
Southbank

(5-min walk from Crown Promenade)
Thank You
Internet Education and Research Laboratory (intERLab)

by

Kanchana Kanchanasut

www.interlab.ait.asia

APStar Retreat
17 Feb, 2020
intERLab Activities

- AP Internet Information Center
  - APStar Secretariat

- Internet Infrastructure HRD (trainings)
- e-Education
- Research (technical research and conference)
AP Internet Information Center
Logistics support for

2019 APSIG  
Asia Pacific School on Internet Governance

Dates: 2019-07-07~10  (Registration Desk Opens in 9am - 8pm, July 7 Sunday)
Location: Asia Institute of Technology (AIT), Pathum Thani (near Bangkok), Thailand
Meeting Room: B108, Conference Center, AIT
Local Organizer: intERIlab, AIT
Local Information: Accomodation, Local Transportation, Medical Care, and Visa

2019 APSIG Participants: 34 (af, bd/6, cn/5, id/3, in/4, jo, jp, kr/2, lk/3, mm, np/4, pk, th, us)

Cover Pages (Class, Sessions)

Video of 2019 APSIG
Internet Infrastructure HRD
2020 Workshop (1)

• BGP Peering Workshop, May 20-22
  • Philip Smith (NSRC) with Viraphand Samadi (AIT) and Kittinan Sriprasert (BKNIX)

• IS-IS design and best practices for Service Provider networks
• BGP protocol, attributes and policy control
• BGP scalability (including Route Reflectors and Communities)
• BGP Best Practices, including Aggregation
• BGP multihoming techniques (redundancy and load balancing)
• BGP Communities as used by Network Operators
• Peering Best Practices
2020 Workshop (2)

- Cyber Security Workshop (DNS Focused)
  Willem Toorop and Ralph Dolmans (NLnet Labs)
  12-14 November, 2020 (tentative)

- NS concepts, BIND (DNS server) and Resolver (DNS client), DNS debugging tools, troubleshooting, and techniques Reverse DNS, RNDC, Access control lists, TSIG, DNS security extensions (DNSSEC)

- DNS and IPv6, Secure DNS dynamic updates, DNS DDoS prevention with response rate limiting, DoT/DoH tradeoffs, DNS firewalls with RPZ, Passive DNS, DNS Security Analysis Threat Detection using passive DNS
IoT Workshops @ intERLab
https://interlab.ait.ac.th/sea-hazemon-tein-workshop/
E-Education
E-Education

• intERLab VClass learning platform by intERLab has been chosen for online courses by one of the ERASMUS MUNDUS (EU) project for interactive remote classrooms/labs for Manufactory
HRD through Academic & Research
Research Activities

<https://interlab.ait.ac.th>

• IoT and Future Internet Architecture (HAZEMON II)
• Air Quality Monitoring (Asia@Connect)
• Post-disaster networking — DUMBO
• Community Network
• Annual Academic Conference
  • AINTEC (2-4 December, 2020), Hiroshima, JAPAN <https://interlab.ait.ac.th/aintec2020/>
  • Hosted by the WIDE project
Future HRD?

• Less network engineering students – shortest of infrastructure engineers foreseeable

• More HRD through joint projects should be encouraged ****
New Curriculum on IoT

- Master degree curriculum
  - Networking
  - Data Science
  - System Engineering
- August semester at AIT, Thailand
Thank You