Asia Pacific Network Information Centre (APNIC)

Addressing the Internet in the Asia Pacific

Presented by
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What is APNIC?

- One of five regional Internet address registries globally
- Managing Internet number resources
  - IPv4, IPv6 and ASNs
- Supports training, education and Internet development
- A neutral, independent, not-for-profit, membership-based organization (1993)
Our Cyber Capacity Building Approach

- Neutral
- Technically driven
- Needs based
- Building leadership of local trainers
- Progressive learning
- Supporting career development and organizational sustainability
## APNIC F2F Cyber Missions (2020)

**94** Planned

**27** Virtual/Remote

### South Asia
- AF
- BD
- BT
- IN
- ID
- TH
- TL
- VN

### Oceania
#### Australia and New Zealand
- AU
- CC
- CA
- NF
- NZ

#### Melanesia
- FJ
- PG
- SB
- VU

#### Polynesia
- AS
- CN
- HK
- JP
- KR
- MN
- MO
- TW

### South-eastern Asia
- BIN
- CL
- CX
- ID
- KH
- LA
- MY
- PH
- SG
- TH

### Micronesia
- FM
- GU
- KI
- MH
- MP
- NR
- PW

### Complete
- Planned
- Foundation Supported
- Remote
Adapting to COVID-19 Impact

• Shifting **F2F capacity-building workshops to virtual events**

• **Networking from Home virtual conferences** to build community and encourage information-sharing and collaboration
Adapting to COVID-19 Impact

• Increasing online-learning content in the APNIC Academy
Adapting to COVID-19 Impact

- Further promotion of [APNIC Community Honeynet Project](#) and Dashboard for Autonomous System Health (DASH)
Adapting to COVID-19 Impact

• Sharing latest information and current trend topics in APNIC’s Blog (average of 50,000 hits monthly)

- RHOMBUS: a new IoT malware
  By Lisandro Ubiedo on 22 May 2020
  Guest Post: RHOMBUS is a new adaptation of the Mirai codebase with new methodologies to persist and drop different stages and updates, while also backdooring the instance.

- NXNSAttack: upgrade resolvers to stop new kind of random subdomain attack
  By Petr Špaček on 21 May 2020
  Guest Post: If you operate your own DNS resolver, no matter what brand it is, upgrade it to the latest version now!

- Cooperating and defending against COVID-19 scammers
  By Juha Saarinen on 14 May 2020
  Guest Post: The newly established COVID-19 Cyber Threat Coalition comprises thousands of independent and vendor information security researchers.

- Common setups to secure your networks from home
  By Tashi Phuntsho on 7 May 2020
  Need help with setting up your network to allow your remote employees to access internal business services securely?

- Blind trust
  By Merike Kaeo on 29 Apr 2020
  Guest Post: We are currently living in a world of eroding trust and it is time to rethink what, and how we trust.

- Detecting Linux kernel process masquerading with command line forensics
  By Craig Rowland on 27 Apr 2020
  Guest Post: Learn how to use Linux command line to investigate suspicious processes trying to masquerade as kernel threads.