Asia Pacific Network Information Centre (APNIC)
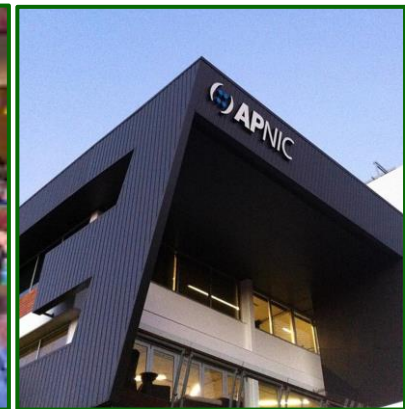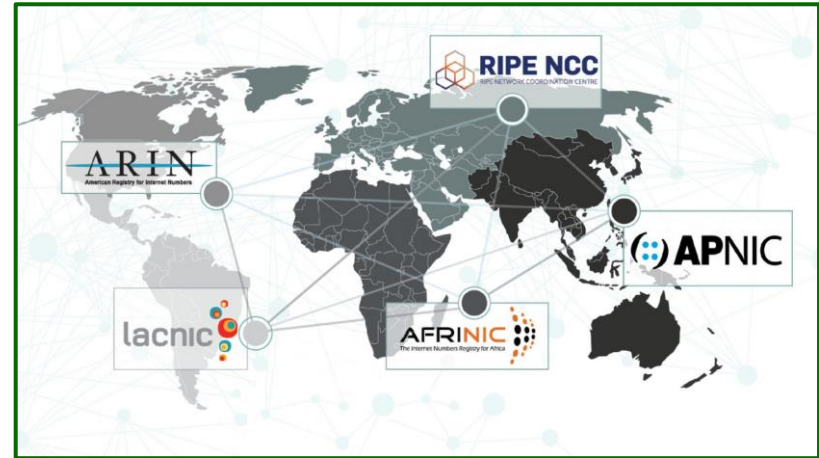
Addressing the Internet in the Asia Pacific

Presented by

Melody Bendindang
melody@apnic.net

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	○●●●●○RO
· BT	
· IN	○
· IO	
· LK	R
· MV	
· NP	RO
· PK	●●R R

South-eastern Asia

· BN	
· CC	
· CX	
· ID	R
· KH	R
· LA	
· MM	●●
· MY	R R R
· PH	●●●
· SG	○○R R R
· TH	○○○R○
· TL	
· VN	

Oceania

Australia and New Zealand

· AU	RRR●●○●●●●R ●RR
· CC	
· CX	
· NF	
· NZ	●●●

Melanesia

· FJ	R
· NC	
· PG	R●
· SB	R
· VU	○

Micronesia

· FM	
· GU	
· KI	
· MH	
· MP	
· NR	
· PW	

Polynesia

· AS	
· CK	○○○
· NU	
· PF	
· PN	
· TK	
· TO	
· TV	
· WF	
· WS	●

Eastern Asia

· CN	R
· HK	R R R
· JP	○●●
· KP	
· KR	
· MN	○○
· MO	
· TW	○○

Complete ●
Planned ○
Foundation Supported F
Remote R

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)
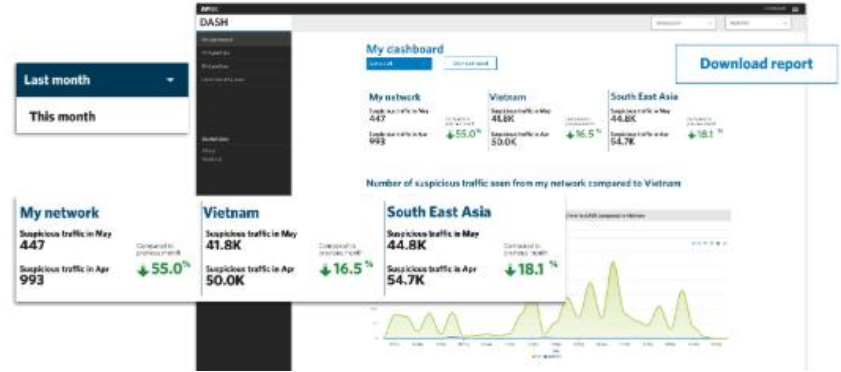
Adapting to COVID-19 Impact

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

RHOMBUS: a new IoT malware
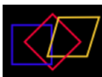By Lisandro Ubiedo on 22 May 2020

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.