

# Security @ APNIC

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IGCJ22, Tokyo, Japan

# APNIC

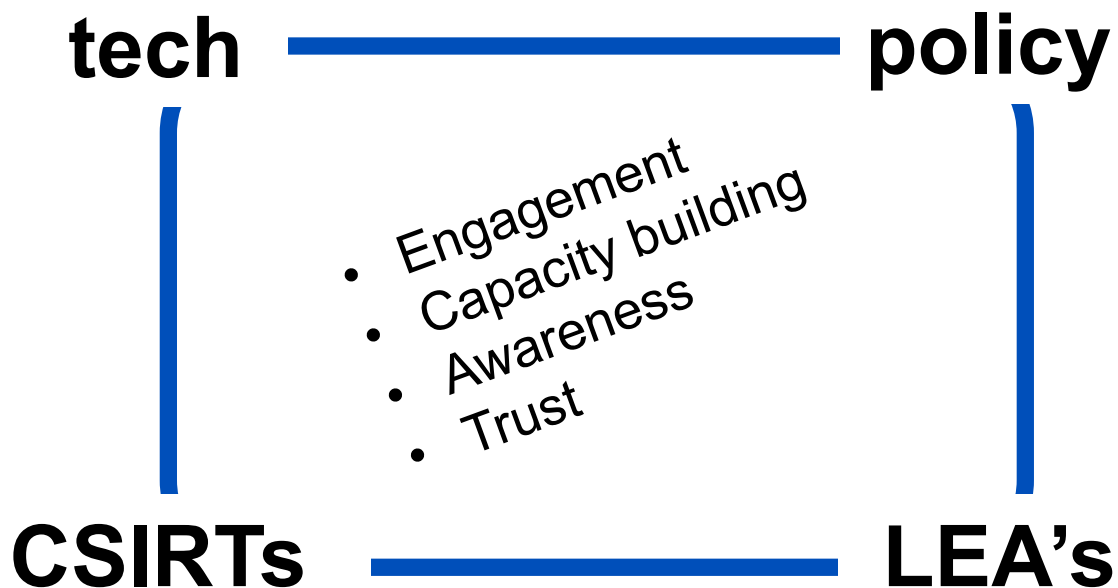


*A global, open,  
stable and **secure**  
Internet that serves  
the entire Asia  
Pacific community*

# 2016 APNIC survey results

Does APNIC have a role to play?	% Agree APNIC can assist	
Getting more IPv4 addresses	80%	
Routing security	67%	✓
Brokers selling/leasing IPv4 addresses	65%	
Risks of deploying IPv6	65%	✓
Lack of awareness of IPv6 in my organization	63%	
Customer unwillingness to use IPv6	61%	
Network security – intrusion and other breaches	54%	✓
Deploying IPv6 in customer networks	54%	✓
DDoS attacks	53%	✓
Cost of deploying IPv6	52%	
Lack of IPv6 applications	50%	
Phishing, Spam, Malware, Ransomware	50%	✓

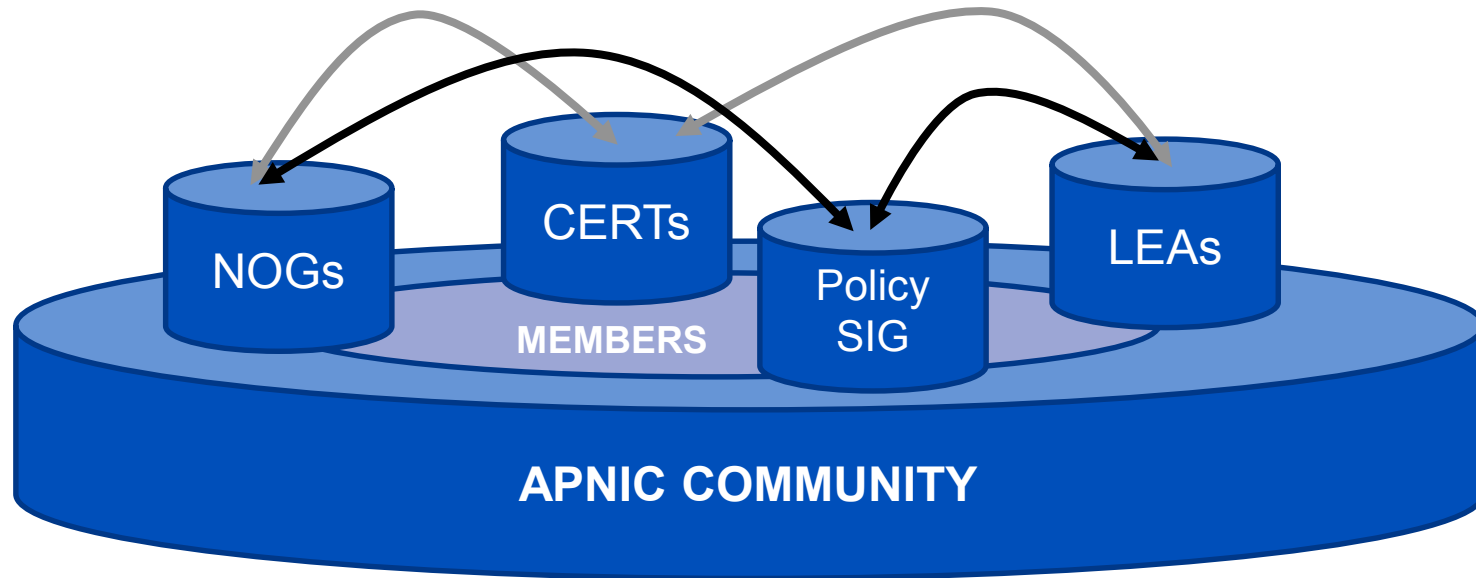
# Security @ APNIC



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- Security training and capacity building
- Awareness raising and deployment of best practices
- Development of the AP security community
- Bridges between security community and network operators
- Follow cyberpolicy discussions

# Security @ APNIC



# 2017 highlights



- Training and participation at 20 NOG and CERT events, APSIG 2017, APriGF 2017, ASEAN CSCAP Cybersecurity Workshop; KISA APISC; CNCERT, FS-ISAC
- CERT.to: Hosted and trained two team members
- Ongoing CERT development in the Pacific
- MoU signed with FIRST
  - FIRST workshops and conference at APRICOT 2017 and APNIC 44
- Adli Wahid re-elected to FIRST Board
- Second security specialist recruited
- 34 security-tagged blog posts

[apnic.net/security](http://apnic.net/security)

# Public Safety and LEA's

## ***2017 highlights:***

- LEA training and engagement with INTERPOL Singapore, Global Cybercrime Expert Group
- Europol-INTERPOL Cybercrime Conference, The Hague, Netherlands
- APNIC's contribution to the Third Country Training Program on Cybersecurity for ASEAN countries hosted by Singapore.
- In partnership with INTERPOL, APNIC contributed to a cybercrime training course for LEA's from across the Pacific

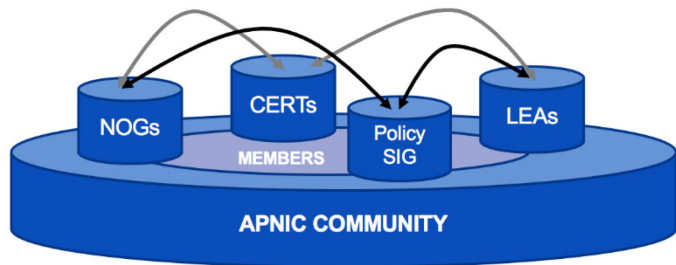


# Cyberpolicy

## ***2017 highlights:***

- GCCS 2017
- CSCAP Workshop on Cybersecurity, Semarang, Indonesia
- IGF
  - Best Practices Forum on Cybersecurity
  - Workshop on International cooperation between CERTs
- Cyberdrills in APriIGF and INSIG

# Conclusion



- Much demand from APNIC members on security-related matters
- Response: training and technical assistance
- Emphasis on protocols:
  - Whois accuracy
  - RPKI
  - DNSSEC
  - KSK rollover
- In addition: engagement and awareness raising
- Three important communities:
  - Network operators
  - LEA's
  - CERTs



# Next Conference



# APRICOT 2018



## APNIC 45

**KATHMANDU, NEPAL**  
19 - 28 February 2018

<https://2018.apricot.net>



# Later...



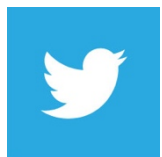
APNIC 46  
Noumea, New Caledonia  
6 to 13 September 2018



APRICOT 2019  
Daejeon, Republic of Korea  
19 Feb – 1 March 2019 (TBC)



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# Thanks!

