

# APNIC Update

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APTLD 84



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



**Building the Internet together**

<https://www.youtube.com/watch?v=IKHCVYuMopM>

# APNIC 56 - 30<sup>th</sup> Anniversary in Kyoto, Japan



# Bylaw Reform 2023

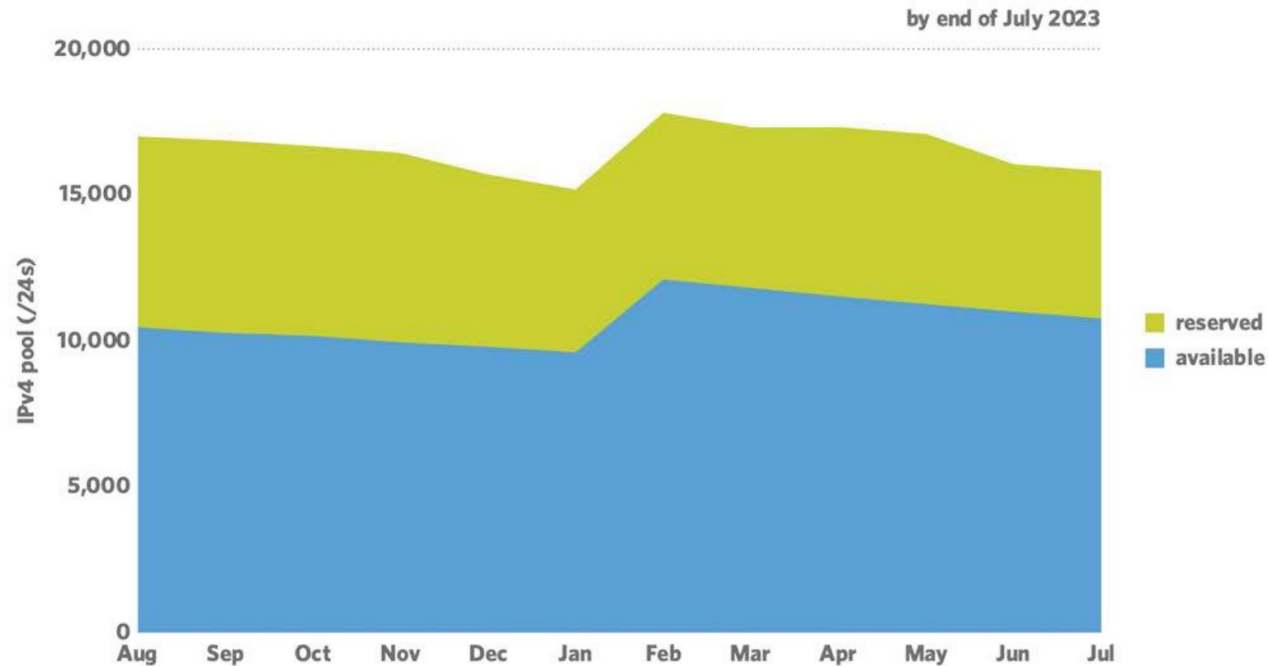
- **Resolution 1**  
A resolution to introduce new eligibility criteria for nominees in Executive Council elections.
- **Resolution 2**  
A resolution to preserve the independence and geographic representation of the Executive Council.
- **Resolution 3**  
A resolution to prevent individuals involved in litigation against APNIC from being nominees in Executive Council elections.
- **Resolution 4**  
A resolution to limit the control one organisation (or corporate group) can have on the Executive Council.
- **Resolution 5**  
A resolution to introduce a new independent body, the Electoral Committee, to have oversight of nominee eligibility and conduct in Executive Council elections.

All resolutions passed at APNIC 56.

<https://www.apnic.net/about-apnic/organization/structure/proposed-by-law-reform-2023/>

# Available IPv4

- IPv4 exhaustion from global pool



Available and reserved space increased due to historical resource transition project:

- 736,768 IP addresses (2,878 /24s) reclaimed
- 699,648 IP addresses (2,733 /24s) recycled

# Internet Development – Training and Support

- 135 online / hybrid / face-to-face training events in 27 economies (3,000+ participant completions)
- 36 technical community events supported

## **RPKI (Resource Public Key Infrastructure)**

- 19 training sessions (7 led by Community Trainers)
- Supported Members in Bangladesh, Maldives and Philippines with technical assistance
- Lao PDR reached 93.29% ROA coverage in July following training

## **IPv6 deployment**

- 31 training sessions
  - Including sessions in partnership with Mongolian government and with APT in Cambodia and PNG
- Supported Members in Bangladesh, Philippines and Nepal with technical assistance
- 43.31% IPv6 capability for Asia Pacific



# Retained Community Trainers

9 Active RCTs from:

- Bangladesh
- Laos
- Mongolia
- Nepal
- New Caledonia
- Pakistan
- The Philippines
- Sri Lanka
- Vanuatu



We need more!



# Internet Infrastructure Support

- Root server instances
  - M-root instances deployed in Jakarta and Kaohsiung
  - M-root deployment in progress in Bangladesh, Cambodia, Hong Kong, India (Mumbai and Kolkata), Mongolia, Myanmar, Nepal, Philippines, Pakistan
  - New sites identified in Cambodia and New Zealand
- IXPs
  - Three IXPs identified for upgrade in Fiji, Philippines and Vanuatu
  - Work is underway to bootstrap a Samoa IXP
- Community Honeynet and Threat Sharing
  - Platform upgraded to support 60 more sensors

# Internet Governance Commitment



APriGF in Brisbane, Australia hosted by AuDA  
NetThing and Pacific IGF also co-located



See you at IGF 2023 in Kyoto, Japan  
8-12 October 2023

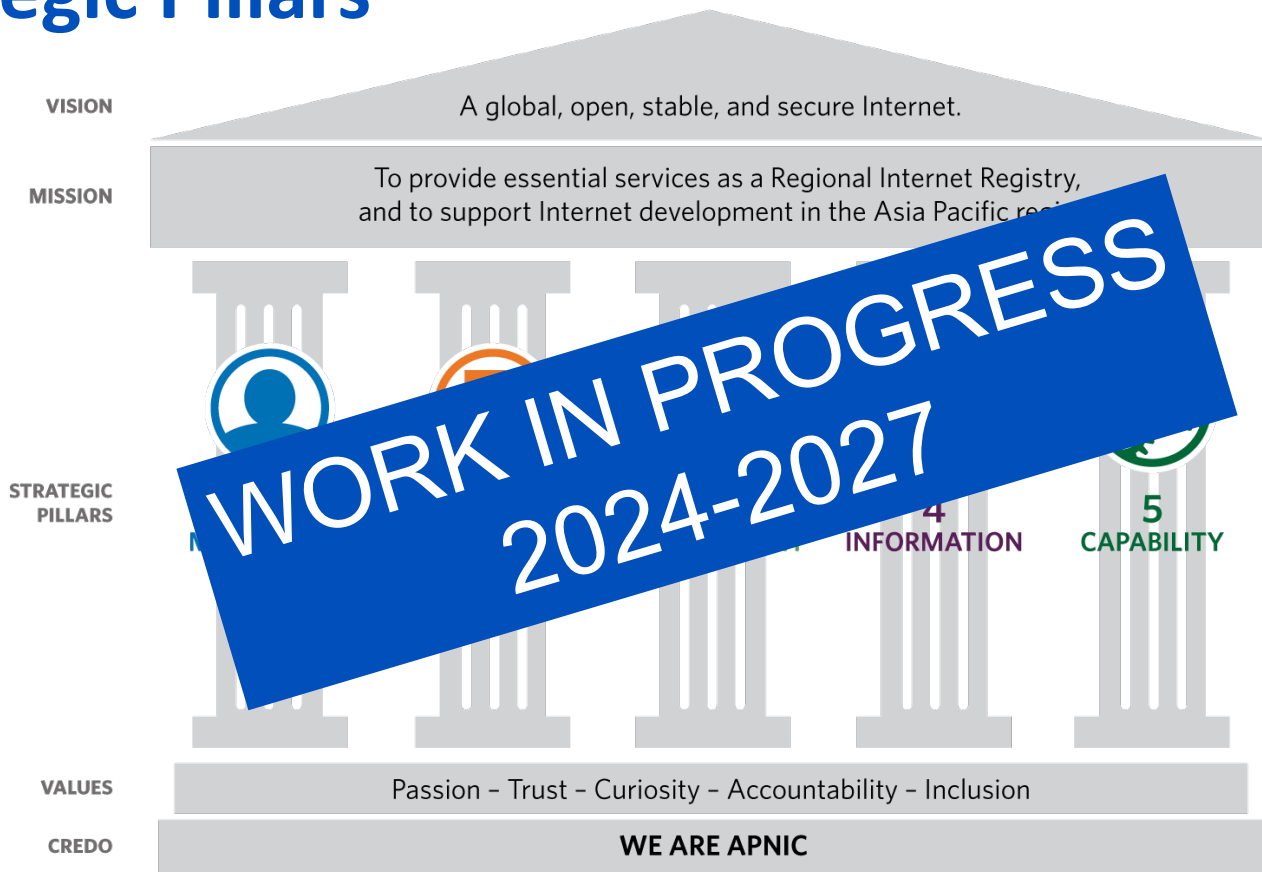
# IPGO



*To reconnect with other survivors, Nara fixes broken routers and restores dormant networks. Along the way, Nara must learn about routing, IP addresses, and how a network of networks... works!*



# Strategic Pillars



# Collaboration and Partnerships

- Training and technical assistance
- Fellowships
- Partnering with the APNIC Foundation on projects
- Co-locating meetings with APNIC
  - Upcoming APNIC conferences in Bangkok and Wellington



# THANK YOU!



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