

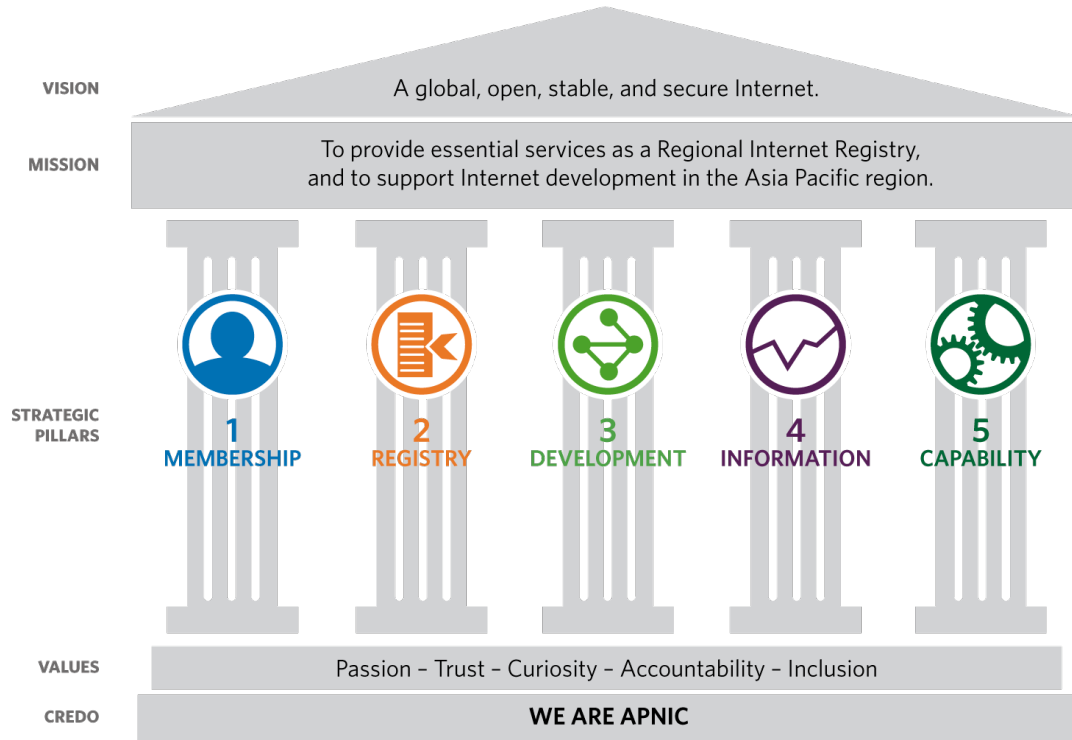
# APNIC Update

ARIN 49

Paul Wilson

Director General, APNIC

# Strategic Plan 2020-2023



# Pillars and Workstreams



## Membership

- 1A. Member Services
- 1B. Membership Products
- 1C. Membership Reporting



## Registry

- 2A. Registration Services
- 2B. Registry Products
- 2C. Policy Development



## Development

- 3A. APNIC Conferences
- 3B. Foundation Support
- 3C. Community Engagement
- 3D. Community Participation
- 3E. APNIC Academy
- 3F. Internet Infrastructure Support



## Information

- 4A. Information Products
- 4B. Research and Analysis



## Capability

- 5A. Internal Technical Infrastructure
- 5B. Finance and Business Services
- 5C. Employee Experience
- 5D. Governance

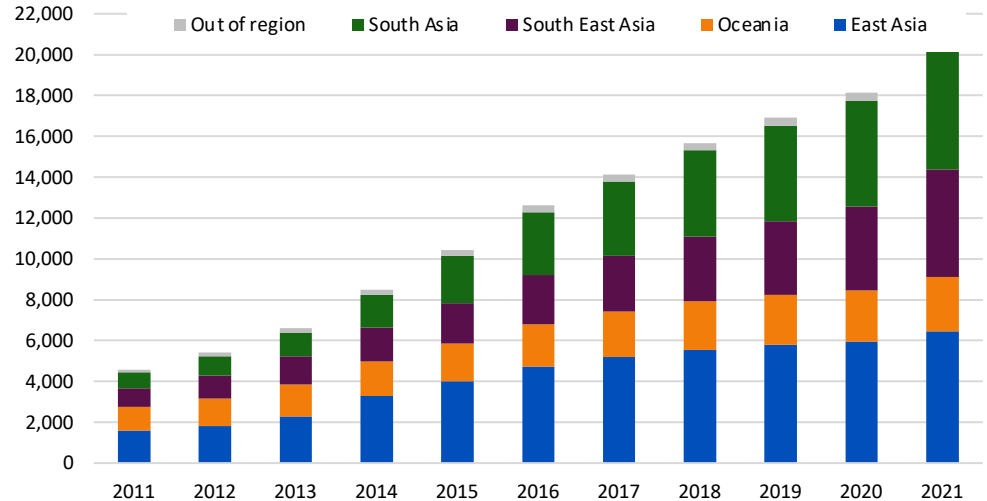
# 2022 Focus Areas

1. Security, Integrity and Resilience
  - Improving availability, security processes and systems, IRT
  - Strengthening RIR system security
2. Next Generation Registry
  - RPKI, RDAP, APIs and other critical registry products
  - Registry architecture for new technologies and requirements
3. Connected Online Community
  - Building online connection with Members and the community
  - 'Online-first' approach for all events
4. Capacity for Development
  - 'Right-sizing' APNIC for growing demands
  - Designing and delivering services where they are most needed

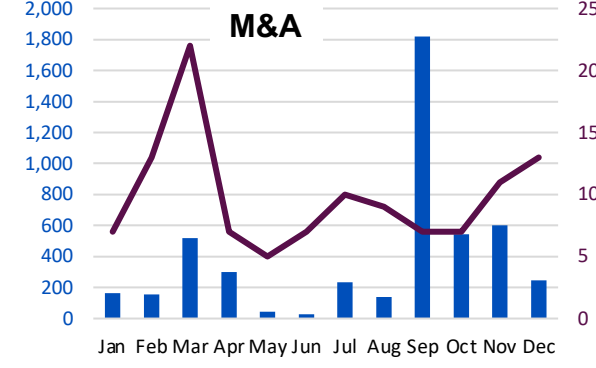
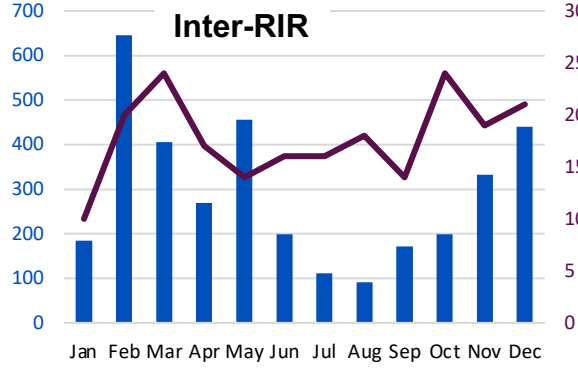
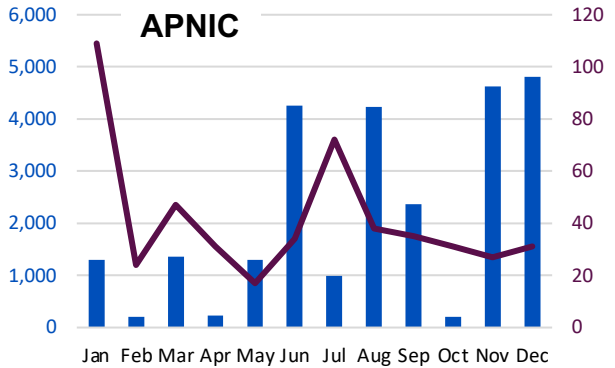
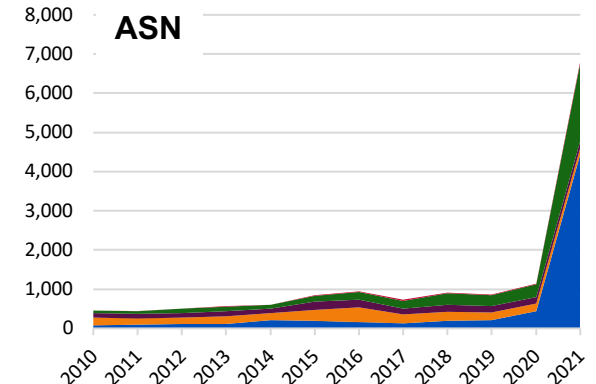
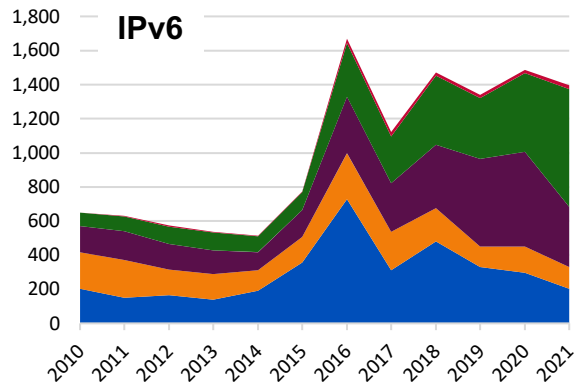
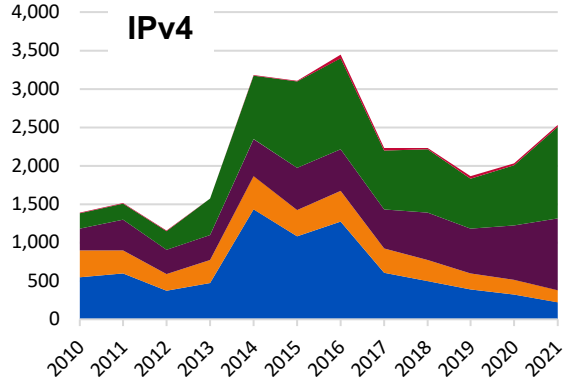
# Member Services



- Total Members 8,768 (↑5% annual) NIR sub-accounts 12,089 (↑21%)
- Service satisfaction 93% ‘excellent’ and ‘above average’
- Helpdesk SLA 100% met
- 526 feedback group members
- 2,125 feedback items
  - 473 actionable and resolved



# Delegations and Transfers





# IPv4 Address Pool

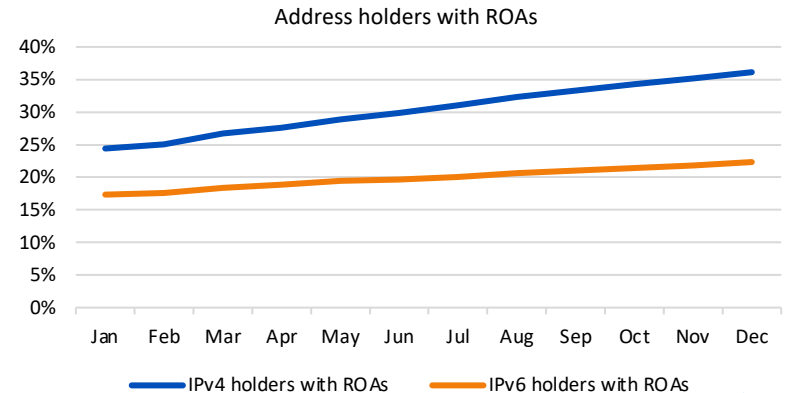
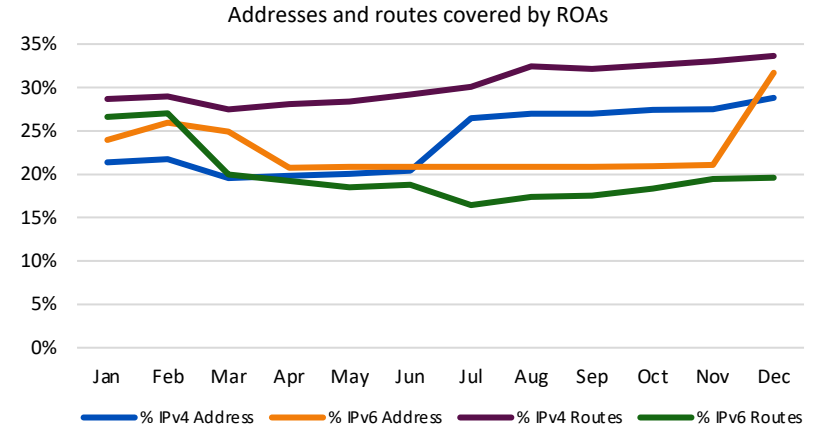
- IPv4 Reclamation
  - 1,909 /24s (488,704 IPv4) returned to APNIC voluntarily in 2021
  - 4,300 /24s (1.1M IPv4) to be reclaimed in 2022
- 99.4% IPv4 address pool allocated; 0.6% available
  
- New treatment of historical registrations
  - Membership required from 1 Jan 2023
  - Potentially 3000+ holders

# RPKI



- 11 CCs reached 90%+ ROA coverage
- 18 RPKI training events
- Five RPKI success stories
- New ROA measurement tool  
<https://stats.labs.apnic.net/roa>

	Jan 2021	Dec 2021
% IPv4 address holders with ROAs	24.4%	36.1%
% IPv4 addresses covered by ROAs	21.4%	28.8%
% IPv6 address holders with ROAs	17.3%	22.3%
% IPv6 addresses covered by ROAs	24.0%	31.7%





# APNIC Academy

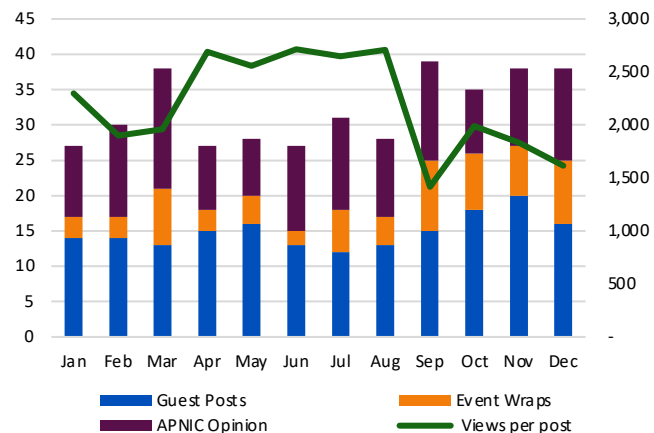
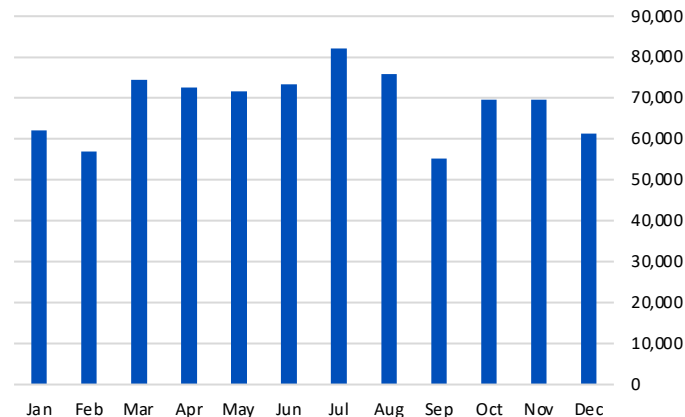


- All online due to COVID-19
- Community Trainers
  - 30 CTs with 28 engaged for 68 events
  - New retainer model launched
- Technical assistance (TA)
  - 34 Members in 14 economies
  - RPKI, network design, IPv6, DNSSEC and IXP setup
  - Online platform launched
- Courseware
  - Network Management and Monitoring (new)
  - Network Automation courses (new)
  - Routing, IPv6 and network security (updated)
- Translation
  - Deployed to online video-based courses

	Instructor-led	Self-paced
<b>Courses</b>	96	1,735 completions; 3,340 hours
<b>Students</b>	2,382	5,428 new (17,018 in total)
<b>Locations</b>		48 economies
<b>Virtual Labs</b>		6,070 labs 6,902 hours
<b>Webinars</b>	20 webinars 1,202 attendees	

# APNIC Blog

- 70,000+ views/month
- 3M+ views total
- New Podcast: PING



# PING!



12 episodes

PING is a podcast for people who want to look behind the scenes into the workings of the Internet. Each fortnight we will chat with people who have built and are improving the health of the Internet. The views expressed by the featured speakers [more](#)

## PING APNIC

News

★★★★★ 5.0 • 2 Ratings

[Listen on Apple Podcasts ↗](#)



APR 13, 2022

### PING - E12 - What will resource security look like in the next 30 years? >

In our twelfth episode, we're talking all things Resource Public Key Infrastructure (RPKI) with Job Snijders, Principal Engineer at Fastly. Job shares his thoughts on the benefits of managing an RPKI publication point, including the experience and insights it can give you. We also touch on a recent...

[▶ PLAY](#) 41 min

MAR 30, 2022

### PING - E11 - Certificate revocation is broken, long live certificate... >

In our eleventh episode, we are again talking to APNIC's Chief Scientist, Geoff Huston, this time about certificate revocation. This has been a hotly debated subject for some time, namely whether it still serves a purpose given that many web browsers give you the option to ignore revoked certificates o...

[▶ PLAY](#) 48 min

**APIDT**

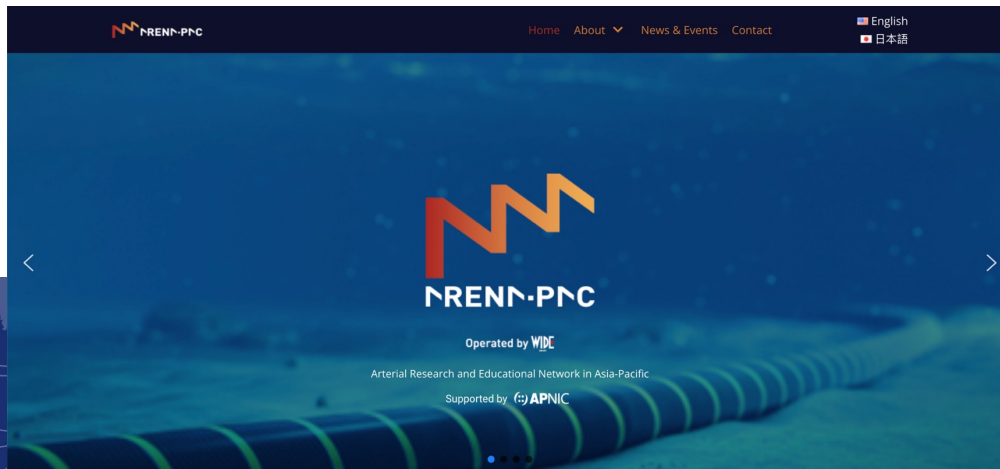
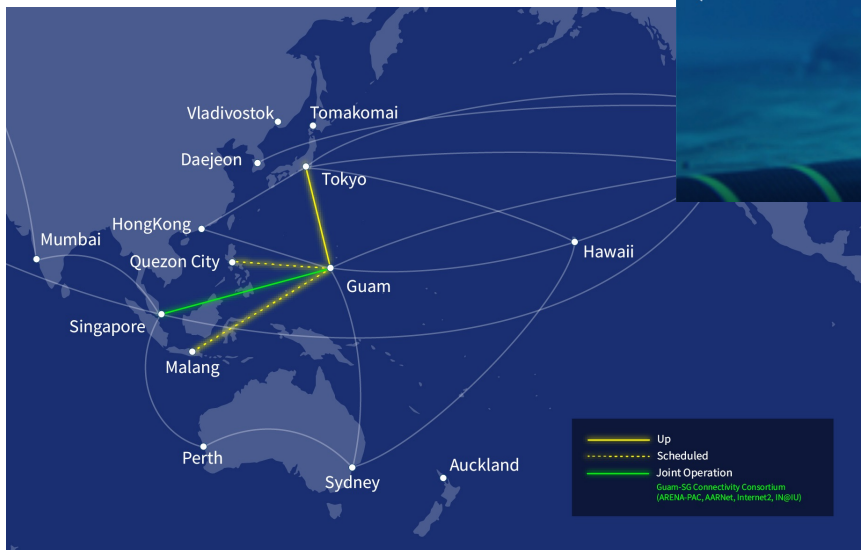
Funding Asia Pacific Internet Development

# Asia Pacific Internet Development Trust

Funding Asia Pacific Internet Development

# ARENA-PAC

## Arterial Research and Educational Network in the Asia-Pacific



<https://www.arena-pac.net/>



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TOWARDS A GLOBAL, OPEN, STABLE AND SECURE INTERNET THAT IS AFFORDABLE AND ACCESSIBLE TO THE ENTIRE ASIA PACIFIC COMMUNITY.

# Save The Date

- Hybrid event, "Online First"
- Face-to-face in Singapore
- Full online participation
- Co-located with SGNOG, APrIGF and APSIG





# THANKS!

