Annual Report 2025

Tony Smith

APNIC 61 AGM
12 February 2026

Strategy Overview

Registry

Resource Delegations – IPv6

Resource Delegations – IPv4

Resource Delegations - ASN

IPv4 Transfers

IPv4 Pool

by end of December 2025
60K
50K
40K
30K
20K
10K
0
IPv4 pool (/24s)
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
reserved
available

Membership

- APNIC Members 10,330 (+160 net)
  - NIR sub accounts 15,737
- Helpdesk service satisfaction 95% ‘excellent’ and ‘above average’ ratings
  - Average Helpdesk response time is 7.6 business hours

Product & Service Development

- DASH improvements
  - Additional BGP sources added for improved global routing visibility
  - Alerts for bogons added
- QUIC adoption statistics from APNIC Labs added to REx
- Whois authorization mechanisms updated
  - Passwords deprecated; those using email for whois updates transitioned to OAuth2 tokens
- RPKI Signed Checklists (RSC) objects provided
- Prop-154 and Prop-156 implemented
- Mandatory MyAPNIC multi-factor authentication introduced
- Uptime maintained 99.99% or higher for core systems

roadmap.apnic.net

Resource Delegation Review Program

- Delegation reviews progress
  - Completed: JPNIC
  - NIR Results checking and remediation: IDNIC, VNNIC, TWNIC
  - Remaining in 2026: CNNIC, IRINN, KRNIC + APNIC
- Supporting activities at APNIC
  - Delegation procedure and process review completed
  - Policy compliance spot checks implemented
  - Account accuracy checks implemented
  - NIR agreement review – postponed until ICP-2 Review process is completed

Development

Technical Training

	Instructor-led	Self-paced
Courses	122	4,008 completions
Participants	3,676	1,789

- 99.2% training satisfaction rating
- Seven train-the-trainer sessions/workshops
- Network security and IPv6 deployment curriculum updated
- Training labs migrated from 3rd party provider to APNIC's own training labs setup (SG and AU)
- Curriculum review completed – focus on core, critical and foundational curriculum
- Community Trainer review completed – move to voluntary-only model

Infrastructure Development

- Vanuatu IX hardware upgraded and 12 engineers trained
- 37 Technical Assistance cases completed
- 2 RIPE Atlas Anchors deployed
- Supported two M-root deployments in Asia Pacific (NZ and LK)
- APNIC Honeynet feeds provided to DASH, ShadowServer Foundation, MISP and CERTs
  - Honeynet expanded with another 100 sensors

Technical & Security Community

- Supported 35 technical events including 25 NOGs and 6 security events
- Supported Security Operation Centre (SOC) projects with CERT VU, CERT Tonga and BtCIRT
- Supported CERT Kiribati's Annual Cybersecurity Boot Camp

BDNOG 19

Next Gen DNS Summit

INNOG 8

BtCIRT Workshop

Engagement

Research

- APNIC Labs
  - IPv6 capability, RPKI and DNSSEC adoption
  - BGP growth and anomaly detection
  - QUIC measurements
  - 32 presentations at technical events
  - 32 blog posts and 12 podcasts
- Cooperation
  - Routing data for MANRS (GCA)
  - DNSSEC measurements with ICANN
  - DNS measurement with Cloudflare
- 11 Honeynet Research presentations at security and technical events

Geoff Huston

Knowledge Exchange

- APNIC Blog
  - 117,422 views/month in 2025 (↑13.5%)
  - 120 Guest Posts
- PING Podcast
  - 24 episodes published
  - 13,718 ‘impactful plays’

Thank you to all community contributors

Policy

Proposal	Result
prop-162: WHOIS Privacy	Discussed at APNIC 59 and reached consensus at APNIC 60.
prop-163: Enhancing WHOIS transparency and efficiency through referrer server implementation	Did not reach consensus at APNIC 59. Proposal withdrawn by author.
Prop-164: Allocations of IPv6 Resources longer than a /32 with a nibble boundary alignment	Did not reach consensus at APNIC 60 and returned to the mailing list.
prop-165: Provision of IPv4 address space to IPv6-only networks for transitional purpose	Did not reach consensus at APNIC 60. Proposal withdrawn by author.
prop-166: Revocation of persistently non-functional RPKI certification authorities	Reached consensus at APNIC 60.
prop-167: Published statistics on directory service usage	Reached consensus at APNIC 60.

- PDP promoted and presented at six events in the region

Conferences

	APNIC 59 (APRICOT 2025)	APNIC 60
In-person	913	451
Remote (Zoom)	45	60
Economies	53	40
NPS	63	60

APNIC 60

APRICOT 2025

Diversity and Participation

- 41 Fellows from 398 applicants
  - 52% Female / 48% Male
  - 21% Youth Fellows
  - 10 volunteer mentors from the community
  - Plus: Three Policy Fellows under new pilot program + two TWNIC Fellows
- Newcomers welcome!
  - APRICOT 2025: 377 newcomers (35%)
  - APNIC 61: 193 newcomers (38%)

Community Engagement

Stakeholder cooperation

- Year-long contributions to the UN World Summit on the Information Society (WSIS)+20
  - APT
  - Technical Community Coalition for Multistakeholderism (TCCM)
  - APrIGF WSIS+20 Working Group Chair
  - IGF made a permanent forum of the United Nations
- Participated in ITU World Telecommunication Development Conference (WTDC-25)
- Supported ASO AC / NRO NC efforts to review ICP-2 and publish the draft RIR Governance Document
  - Including five community consultation sessions
- George Michaelson appointed to the IETF LLC Board
- Supported and participated in global, regional and economy level IGFs + Schools of Internet Governance

IETF Contributions

- Two RDAP extensions co-authored by APNIC staff published as RFCs
  - RFC 9877: Registration Data Access Protocol (RDAP) Extension for Geofeed Data (Oct 2025)
    - Defines structure for including geofeed data in RDAP responses
  - RFC 9910: Registration Data Access Protocol (RDAP) Regional Internet Registry (RIR) Search (Jan 2026)
    - Defines additional searches for Internet number resources, including search by name/handle, for more-specific and less-specific resources, and reverse searches
- An RPKI draft co-authored by APNIC staff was submitted to the Internet Engineering Steering Group (IESG) review:
  - Resource Public Key Infrastructure (RPKI) Manifest Number Handling
    - Clarifies the handling of manifest numbers by RPKI relying parties in exceptional situations where the previous handling could have led to long-term invalidity of an RPKI trust anchor

Capability

Secretariat Operations

- Review of investment and capital reserve management policies completed and changes implemented
- Employee Engagement survey results exceeded global benchmarks across culture, role satisfaction, inclusivity, diversity and overall engagement
- All WHS compliance requirements met
- Application licencing review completed
- APNIC passed certification for ISO27001: 2022 Information Security Management System
- Migrated to a new virtualisation platform

Governance

- Electoral Committee formed and oversaw 2025 EC elections – no findings of non-compliance
- Established public feedback and actions register for community communication with the EC
- 2026 Activity Plan and 2025 Annual Report available

apnic.net/annualreport

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