Last /8 address pool
Product Management

• Systematic approach to product development
  – Lifecycle management
  – User-centric
  – Agile

• Three cross-functional product teams
  – Registry
  – Membership
  – Information Services

• Three support teams
  – Web development
  – Platform
  – DevOps

• More in 2020
Information Products

- **DASH** – Dashboard for AS Health
  - Launched at APNIC 48
  - Helps operators monitor suspicious traffic coming from their networks
  - Uses data from APNIC Honeynet Project

- **NetOX** – based on RIPEstat
  - Includes RQC functions
  - New widgets (AS relationships, PoC, IRR explorer, transfer history, abuse contacts)

- **Internet Directory v2.1**
  - Economy comparisons
  - IPv6 capability
  - VizAS
Membership Products

- MyAPNIC+SSO integration:
  - Event registration
  - Academy
  - Information products
- IRT and contact validation
  - 1,000 emails, 62% confirmation
  - Validation extended to IRT objects and ‘abuse-c’
- Implemented independent election platform, BigPulse
  - Online proxy and voting
  - APNIC EC and NRO NC

apnic.net/myapnic
Registry Products

• RDAP – Registry Data Access Protocol
  – Google cloud-based APNIC RDAP service
  – IETF draft for RDAP mirroring

• RPKI
  – Promotion in NOGs, training, ROA signing
  – Conference content, New Routing Security/RPKI SIG
  – IETF draft for Resource Tagged Attestation (RTA)

• NIR Support
  – Improved synchronization and consistency of NIR who data
  – Support for whois, RDAP and RPKI
  – API specifications to support APNIC-NIR automation

• IP address management
  – Resource Quality Check (RQC)
  – Reclaiming unused IPv4
**blog.apnic.net**

**2019 Views**

- **Average**: 48,026 / month

**Guest Blog Posts**

- **159**

**Top 5**

- Guest Post
- Security
- DNS
- IPv6
- BGP

As at 31 Dec
External Engagement Summary

* Includes Foundation engagements

Engagement summary by type

Engagement summary by month

Event Records vs Engagement Counts

Start Month

APNIC
CERT Engagement
Coordination
Development
Foundation Engagement
Foundation Projects
Government
Internet Governance

Member Outreach
Membership Development
NOG
Other
Security
Technical
Technical Assistance
Training
### Training

<table>
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<tr>
<td>Face-to-face training</td>
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<tr>
<td>Economies</td>
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<tr>
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</table>
APNIC Academy

- **New webinar platform**
  - 12 webinars

- **New courses**
  - IPv6 fundamentals (5 modules);
  - IPv6 Address Planning (in development)

- **New Labs**
  - Cisco, Mikrotik etc etc

- **Access to ‘eduroam’**
  - APNIC Members only

- **Support for 8 languages**
  - EN, CNx2, JP, KR, TH, VN, ID

- [academy.apnic.net](http://academy.apnic.net)
IPv6

- IPv6 Training
  - 18 face-to-face, 539 trainees
  - New 5-module Academy course
- 57 blog posts
  - IPv6 Week promotion
  - 4 new success stories (30 total)
- IPv6 deployment sessions at APNIC conferences; IPv6-only Wi-Fi
- 3 technical assistance engagements
- Members holding IPv6: 64.07%
- Regional IPv6 capability: 29.87% (APNIC Labs)
Security

- 19 security engagements including presentations and workshops
  - 31 face-to-face trainings
  - 11 CERT meetings
  - 8 LEA workshops
- Webinars on DDoS mitigation, DNS security and cybersecurity awareness
- FIRST tracks at APNIC 47 and 48
- APNIC Community Honeynet expanded to BT, BD, MY, WS, TO and ID
- 93 security-related blog posts

[apnic.net/security]
Internet Governance

- APrIGF 2019 (RU)
- VanIGF - First local IGF event in VU
- Sylvia Cadena reappointed to IGF MAG; Rajesh Chharia appointed as a new member
- APIGA 2019 – IG Academy (KR)
- Nethui 2019 – APNIC sponsored fellows (NZ)
- NetThing 2019 – revived auIGF (AU)
- inSIG 2019 and Youth IGF (IN)
- Global IGF: APNIC coordinated sessions on Safety and Security, cybernorms, data governance and safety; supported NRO CCG (DE)
‘To have a global, open, stable and secure Internet that is affordable and accessible to the entire Asia Pacific community’

• Six board members now appointed: Edward Tian (CN), Sharad Sanghi (IN), Sylvia Sumarlin (ID), Michael Malone (AU), Danish Lakhani (PK), Jun Murai (JP)
• Second board meeting held in May
• Second annual report including audited financial statements published in September
• Foundation now funding administrative and project support positions (AU, PG, FJ)
• APNIC continues to provide other administrative support
Strategic Plan 2020-2023

A global, open, stable, and secure Internet.

To provide essential services as a Regional Internet Registry, and to support Internet development in the Asia Pacific region.

1. MEMBERSHIP
2. REGISTRY
3. DEVELOPMENT
4. INFORMATION
5. CAPABILITY

Our Principles
Passion - Trust - Curiosity - Accountability - Inclusion

WE ARE APNIC
APNIC Survey 2020

Reclaiming/recovering unused address space: 57%
Monitoring and reporting usage: 54%
Provide incentives for the return of address space: 52%
Share information and best practice on resource transfers: 39%
Purchase addresses for distribution: 25%
Take no action: 5%
Other: 3%

APNIC.net/survey
See you in Dhaka!

- **APNIC 50** will be held in Dhaka, Bangladesh
- 3 to 10 September 2020
- Hosted by ISPAB
Thanks!