APNIC

2015
Annual Report
addressing the Internet in the Asia Pacific

Contents

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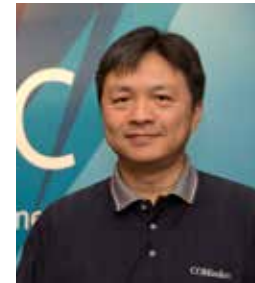
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INTRODUCTION FROM THE DIRECTOR GENERAL

Looking back on 2015, it seems that APNIC made special efforts, even more than usual, on Member service throughout the year. In this short note I'll try to cover our most important achievements of 2015.

We made it easier for Members to interact with APNIC. We introduced "instant feedback" for all Member service tickets, and on the APNIC website. The home page received a makeover and the Services section was updated and improved for easier navigation. New options were added for payment of Member fees. The usability of MyAPNIC was improved, with better tools to manage whois objects, better responsiveness, and a new, modern design.

Our core technical focus was strengthened. The 'Ready to ROA' campaign encouraged Members to certify their resources, and tripled RPKI adoption in the region to 2.7%. We deployed the Registration Data Access Protocol (RDAP) into production in 2015, supporting whois queries and responses in a structured, standardised format. We deployed redundant whois servers around the world, better able to handle query traffic and the occasional DDoS attack.

More than 2,900 trainees received APNIC technical training in 2015, and more than 40 fellowships were awarded for delegates to attend regional and global events. We provided Technical Assistance to 31 Members, in a trial which covered Sri Lanka, Bangladesh and Thailand. We supported new RIPE Atlas Anchors in India, Nepal, Philippines, Pakistan and the Maldives, and

distributed an additional 120 Atlas probes throughout the region. The APNIC Labs DNSSEC measurement system was improved, and provided critical data to ICANN to assist preparations for the planned DNS root zone key signing key rollover in 2016.

We continued to support IPv6. APNIC provided IPv6 training to 539 trainees in 2015, and we made more than a dozen IPv6 presentations at technical events around the region. With ARIN reaching the end of its IPv4 free pool, and four out of five RIRs having now reached IPv4 exhaustion, the need for IPv6 became clearer than ever. The good news was that IPv6 continued to grow: by the end of 2015, APNIC Labs measured global user capability at 5.5%, and Google reported IPv6 usage at 10%.

APNIC remains transparent and accountable. The 2015 Activity Plan and Budget were published at the start of the year to provide a clear account of APNIC plans, activities and expenditure. This Annual Report closes 2015 by reporting against the very activities and measures set out at the start of the year.

Additional transparency improvements in 2015 included: an online tracker for actions on the last APNIC Survey, increased reporting of APNIC activity on the Blog and social media, and a comparative RIR governance matrix.

The IANA Stewardship Transition shone a spotlight during 2015 on ICANN's accountability, and indirectly on all Internet technical organizations. In response we

have shown that APNIC and the other RIRs compare favourably with our peers. The transition of IANA Stewardship is expected to be completed in 2016, and the APNIC community is ready to assume its share of that responsibility.

There was more! 2015 saw a very successful APRICOT in Fukuoka; and the largest ever stand-alone APNIC conference, in Jakarta, with 529 attending. And APNIC membership passed 5,000 organizations in August. All in all, 2015 was very big year for APNIC, our Members, and the numbers community; and you can read much more in this detailed report.

Before I sign off, I'd like to recognise the contribution of two long-standing Executive Council (EC) Members who decided not to seek re-election at APNIC 41. Maemura Akinori and Che-Hoo Cheng have served the APNIC community on the EC for 16 and 18 years respectively, both serving time as EC Chair (Akinori for 13 years; and Che-Hoo for two). APNIC has benefitted greatly from their leadership during that time, and the strength of the organization is a testament to their efforts. They have my sincerest thanks for their enormous contribution to the APNIC community.

Paul Wilson
Director General
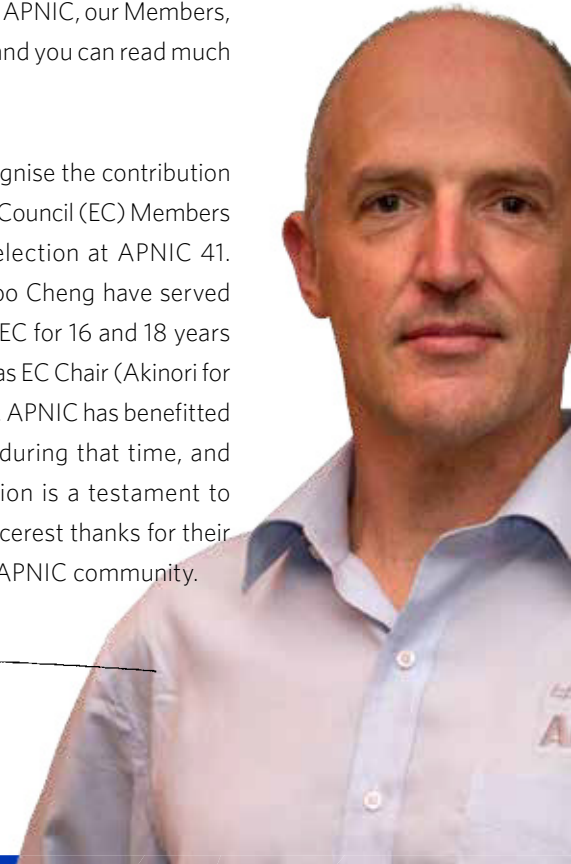
MESSAGE FROM THE EC CHAIR

I am always happy to provide my thoughts to you, the APNIC membership and community, in the Annual Report as Chair of the APNIC Executive Council (EC).

2015 was one of the most memorable years in my career with the Internet. In February to March, APRICOT-APAN2015 was held in Fukuoka, Japan. It was the second joint conference with APAN (Asia Pacific Advanced Network) after the successful first in Hong Kong in 2011. It was fabulous to welcome various friends from all over the region and from around the world to my lovely hometown of Fukuoka!

The EC now has quarterly face-to-face meetings each year, two of which are held at APNIC Conferences. For 2015, we had decided to hold the other two in our region to see our community at APNIC Regional Meetings (ARMs), and went to Manila where PhNOG was jointly held with ARM in June, and to Guam in December with PacNOG. We experienced how wonderful the communities in our region are, and talked with a lot of fantastic people there. The community runs the Internet. We realized how that comes, and got more confident that APNIC needs to continue doing its job with the community, hand-in-hand.

In the global Internet, 2015 was the year to design the new IANA, Internet Assigned Numbers Authority, into the future. The CRISP team, working with the global Numbers community, completed the proposal for the Numbers function in time in January. After

that, active discussion with the Protocol Parameters and Domain Names communities continued. At the time of writing, the integrated proposal, including the accountability enhancement of ICANN, is still receiving some fine tuning before the submission goes to the US Government. But we will have the new IANA in the near future, which will then be genuinely run by the Internet community.

The Internet community that I mentioned is not the same as it was, but involves far more stakeholders who need the Internet. APNIC definitely needs a strong operation and accountability in which the Internet community can place its confidence.

Technically, the Internet of Things and Mobile Internet are two concepts which will change the Internet dramatically. APNIC underpins the Internet's infrastructure through its core business of resource management, and through its other activities like skills development, community support and research, it helps ensure Internet infrastructure can be sustainably developed. APNIC's responsible execution of this technical role is important so the Internet can cope with dramatic growth and change.

With this in our mind, the EC determined a new strategic plan for 2016–2019 which pursues a high level of stable operation, coupled with a renewed core technical focus on technologies such as IPv6, RPKI and DNSSEC.

"We are APNIC", I said in Fukuoka (after APAN's then Chairman, Sureswaran Ramadass, said "We are APAN"). It sounded a bit funny at that time, but is true that APNIC consists of its Members within a broader community, with the EC and Secretariat to help. I am confident with the current performance of APNIC, which you will see in this Annual Report, but your suggestions, visions and thoughts are all precious for APNIC to perform even better.

See you in conferences and anywhere in the region or around the globe, and please tell us what you think on APNIC!

Maemura Akinori

VISION

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

MISSION

APNIC...

- **Functions** as the Regional Internet Registry for the Asia Pacific, in the service of the community of Members and others

- **Provides** Internet registry services to the highest possible standards of trust, neutrality and accuracy

- **Provides** information, training and supporting services to assist the community in building and managing the Internet

- **Supports** critical Internet infrastructure to assist in creating and maintaining a robust Internet environment

- **Provides** leadership and advocacy in support of its vision and the community

- **Facilitates** regional Internet development as needed throughout the APNIC community

APNIC in the Internet ecosystem

Governments/
Regulators

Industry
associations

At-large
communities

NGOs

Content   Access

**INTERNET
USERS**

Operator
groups

Applications

Standards
bodies

Name
registries

Number
registries

ENABLERS

PROVIDERS

**APNIC
is one of five RIRs**

INTERNET COMMUNITY

Collaboration

APNIC

Service

APNIC MEMBERS

Support

ASIA PACIFIC REGION

Original research

**Data collection
and measurements**

Publications

Local/regional/global events

Government outreach

**Intergovernmental & technical
organizations collaboration**

Internet security

Resource distribution
- IP addresses
- AS numbers

Registration services
- reverse DNS
- Internet routing
  registry
- resource certification
- whois registry

Policy development

Capacity building
- training
- workshops
- conferences
- fellowships
- grants

Infrastructure
- root servers
- IXPs
- engineering
  assistance

SERVING MEMBERS

DELEGATIONS
- 4,498 IPv4
- 785 IPv6
- 881 ASN

TRAINING
- 77 Face to face
- 2,194 Trained
- 29 Locations
- 117 eLearning classes
- 726 eLearners
- 138,278 Youtube views / 1M Minutes

MEMBER SERVICES
- 23,282 Tickets
- 1,255 Phone calls
- 2,054 Chat sessions
- 161 Skype calls
- 357 Instant feedback

TECHNICAL ASSISTANCE
- 31 Members in Sri Lanka Bangladesh Thailand

WHOIS
- 7.38B Queries
- 234 Queries/sec
- 16.4M RDAP queries

RPKI ADOPTION
- 0.8% to 2.7%

SOCIAL MEDIA
- 24,043 Youtube views / 179,221 Minutes
- 9.9M Facebook reach
- 1,017 Tweets / 5,213 Followers
- 1,529 LinkedIn followers
- 137,161 Slideshare views
- 255,497 Flickr views

APNIC BLOG
- 376 Posts
- 44 Guest posts
- 116,892 Views
- 174 Comments

RIR TRANSFERS
- 184 Intra-RIR
- 38 Inter-RIR

REGIONAL DEVELOPMENT

APNIC 39 & 40
- 1,364 Attendees
- 2,324 Remote users
- 105 Economies
- 40 Fellowships

REGIONAL MEETINGS
- 5 ARMs
- 314 Attendees

NOGS
- 17 Attended
- 13 Sponsored

RIPE ATLAS
- 5 Anchors supported
- 120 Probes distributed

MEMBER OUTREACH
- 11 Member Gatherings
- 300 Attendees

GLOBAL COLLABORATION

ENGAGEMENTS
- 32 Events
- 58 Presented at other meetings
- 18 Presented at technical forums

CORPORATE

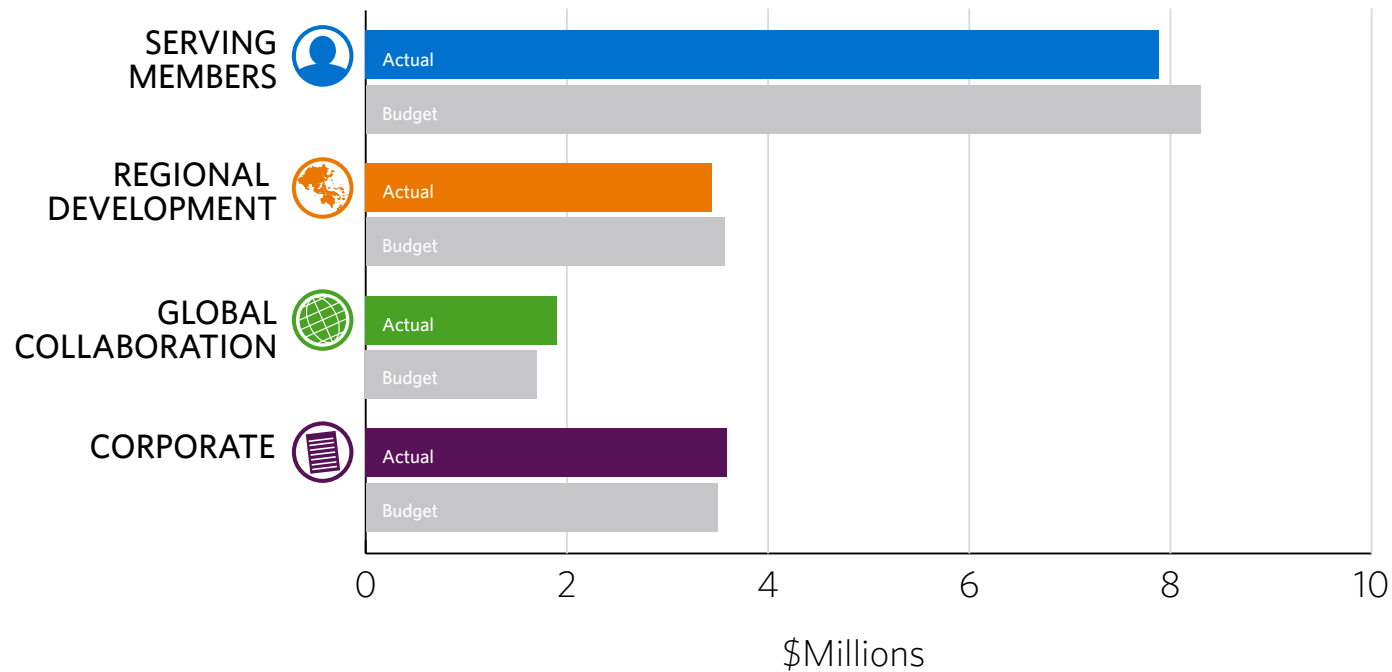- 671 Job applications
- 6,900 Invoices issued
- 3 Staff exchanges

Financial performance

A detailed breakdown of the 2015 financial performance is available on Page 44.

Notes on the Report

Alongside the activities in this report, a small table summarizes the resources (both financial and human) which were required to successfully complete the activity. These resources are summarized under the following headings:

FTE: The number of Full-Time Equivalent employees required to complete the activity in 2015. In all cases, contributions from more than one employee are involved, and the FTE number comprises a percentage of time from each employee. For example – an FTE of 1.6 may be made up of four employees who each dedicated a total of 40% (0.4) of their time to the activity during 2015.

Expenses: Refers to all operational costs directly incurred by the activity.

CAPEX: Refers to Capital Expenditure (for purchase of equipment, hardware, software, property, or buildings) required by the activity.

All expenditure is in Australian Dollars.

SERVING MEMBERS

GOALS AND STRATEGIES

● Ensure that APNIC services are widely known and used by all who need them

● Listen to community needs through surveys and other feedback mechanisms

● Add value to APNIC membership through responsive service provision

● Cultivate community support throughout the region through effective engagement programs

● Maintain and improve core registry services

● Adopt the best current practices, technologies and standards

● Continuous improvement of services in response to community feedback and anticipation of future needs

Serving Members

	Planned	Actual
FTE	41.2	41.6
Expenses	$8,297,437	$7,887,747
CAPEX	$922,883	$583,405

Membership growth

Member Tier

| AS | VS | S | M | L | VL | XL |
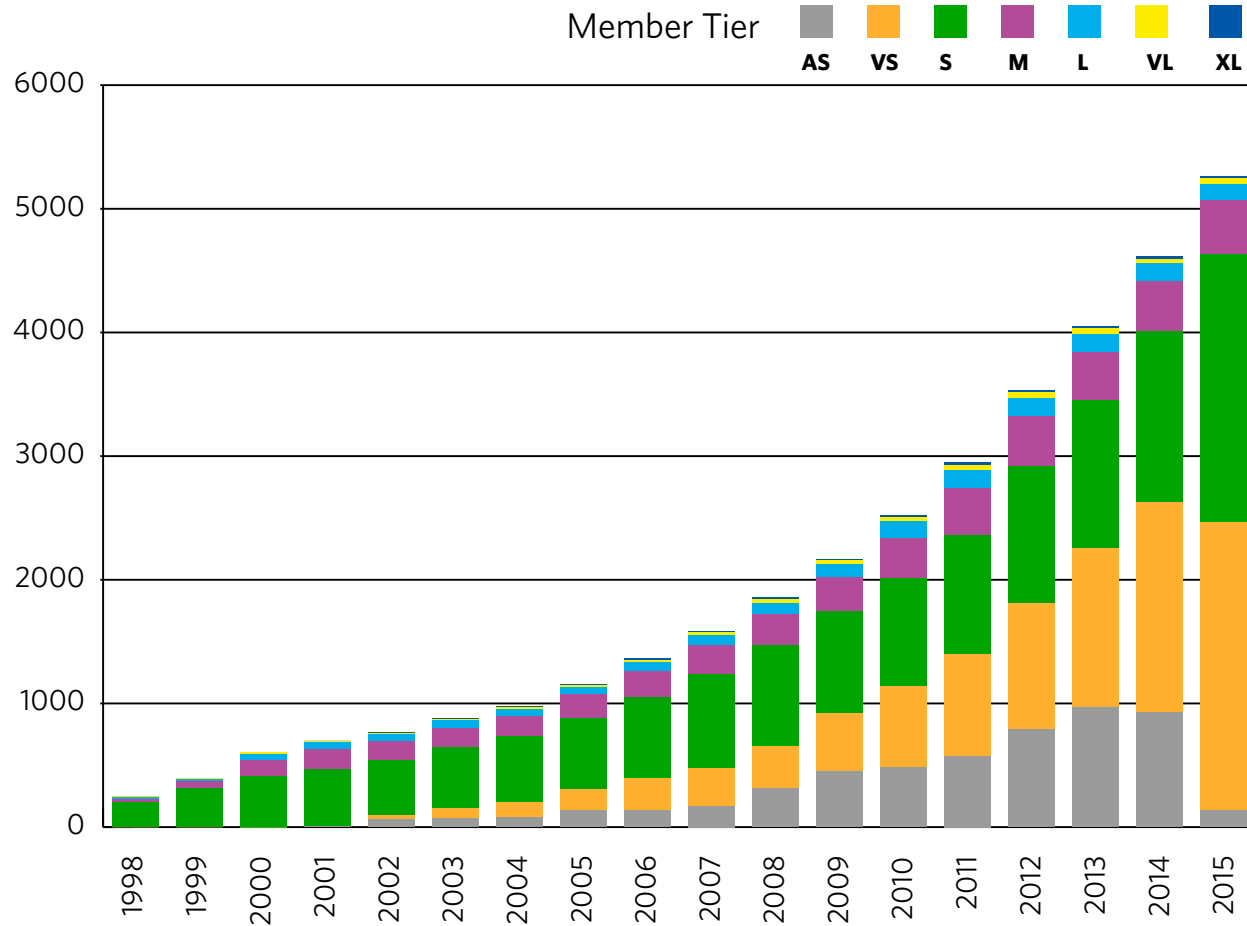
Under the fee structure revision for 2015, new Members pay the annual fee (and join the membership tier) determined by their initial resource allocation. This accounts for the change in Associate Members (AS) between 2014 and 2015.

Registration services

CORE ACTIVITIES:

IPv4, IPv6 and ASN management

APNIC's core activity as a Regional Internet Registry is the distribution and registration of Internet number resources (IP addresses and AS numbers).

In 2015, APNIC made 785 IPv6 delegations, 4,498 IPv4 delegations, and 881 AS number assignments. It also processed 184 transfers within the Asia Pacific region and 38 transfers between APNIC and other RIR regions.

For a detailed breakdown of Internet number resource distribution in 2015, please refer to the charts on page 13.

Registry services development and maintenance

APNIC maintains a publicly accessible whois database and associated registry services which support the use of Internet number resources.

In 2015, APNIC deployed the Registration Data Access Protocol (RDAP) service into production. RDAP standardizes the whois query and response format, allowing for automated, machine-based queries through JSON (Javascript Object Notation) query and responses. RDAP supports redirection; so, for example, querying APNIC for an ARIN address will redirect to ARIN's service, and vice-versa. RDAP also supports internationalization, with data presented in UTF-8 character encoding.

www.apnic.net/whois

www.apnic.net/rdap

| DELEGATIONS | 4,498 IPv4 | 785 IPv6 | 881 ASN |
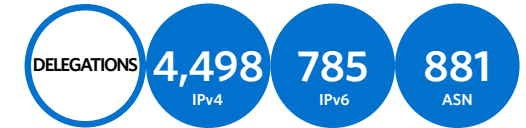
Registration services

	Planned	Actual
FTE	6.7	7.3
Expenses	$1,296,115	$1,150,169
CAPEX	$6,000	$6,218

CUMULATIVE IPV4 DELEGATIONS
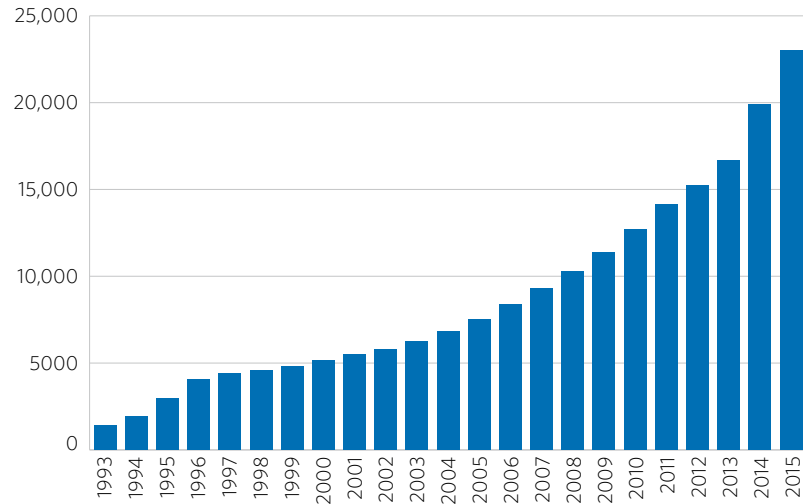
CUMULATIVE IPV6 DELEGATIONS
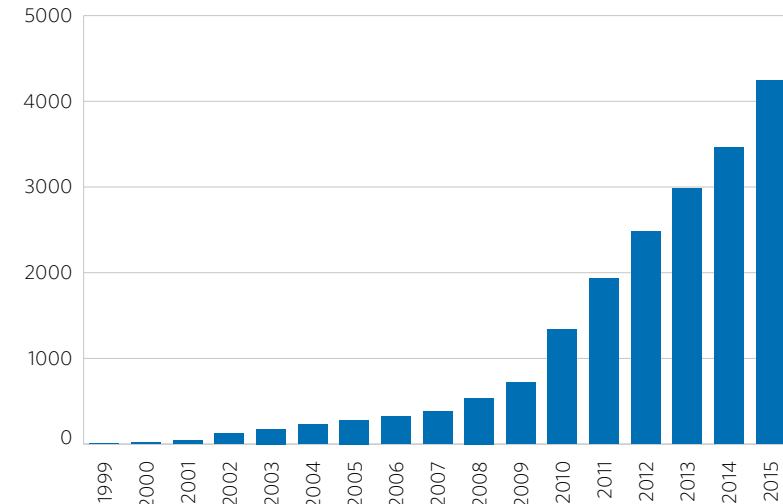
CUMULATIVE ASN DELEGATIONS

4-byte
2-byte
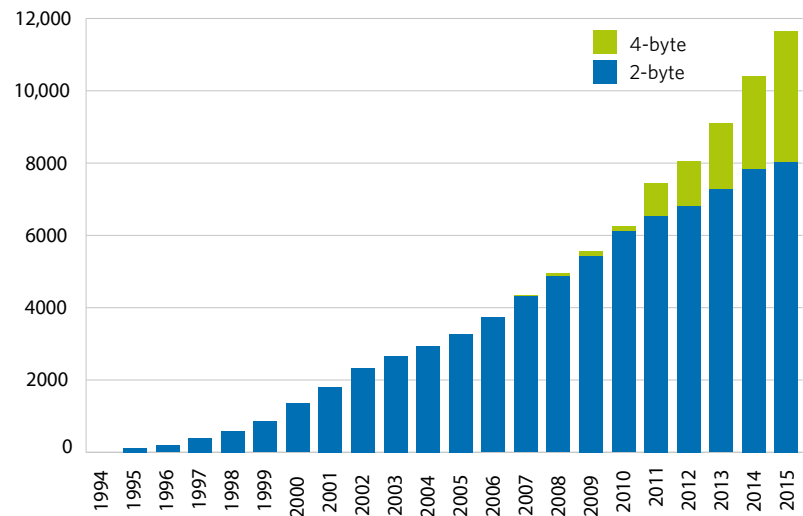
IPV4 MARKET TRANSFERS 2015

Inter-RIR
Intra-RIR

< Back to contents page
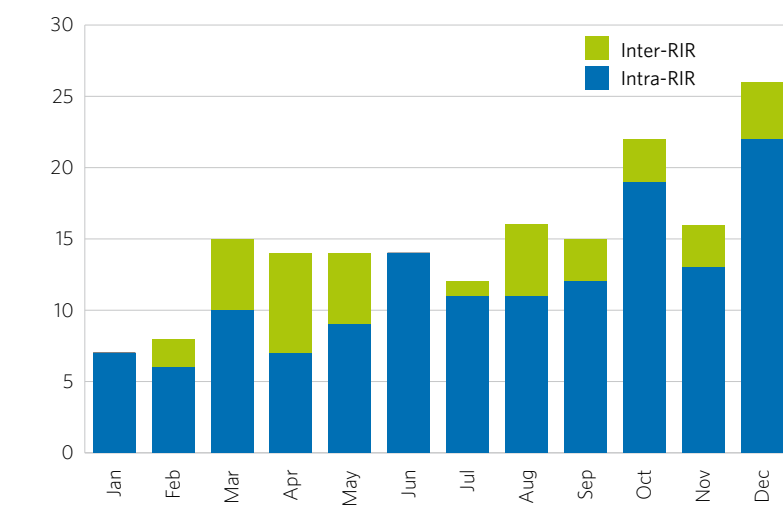
Registration services

KEY 2015 PROJECTS:

ARMS development

APNIC uses the APNIC Resource Management System (ARMS) to delegate and register IP addresses and AS numbers to Members. It has been constantly improved since 2002.

ARMS development in 2015 was focused on back-end redevelopment, involving the conversion of the existing Perl libraries into a set of Java services (generally HTTP-based, but some services are accessed via the internal message bus). In 2015, the ASN delegation functionality was redeveloped and deployed, with the client applications of that logic now using that service to allocate, transfer, and de-allocate ASNs. Work on ARMS will be ongoing for 2016.

RPKI promotion

APNIC supports Resource Public Key Infrastructure (RPKI), which cryptographically verifies the association between resource holders and their Internet number resources. Adoption of RPKI in the Asia Pacific region has been slow compared to some other regions.

To increase measurable RPKI adoption rates during 2015, APNIC conducted RPKI presentations and ROA sessions at events throughout the Asia Pacific to encourage the use of APNIC's Resource Certification service. RPKI adoption rates increased from under 1% to 2.7% in 2015.

www.apnic.net/rpki

2015 Planned Project	Member Benefit	2015 Achievements
Delegation and registration process migrated to the new system	Better overall experience in requesting and receiving ASNs and IP addresses	ASN delegation functionality was migrated from Perl to a Java service and deployed
Increase measureable RPKI adoption rates in the Asia Pacific region **Notification of invalid ROAs to Members**	Important tool to help prevent address hijacking	APNIC's RPKI awareness activities across the region have increased RPKI adoption rates from under 1% to 2.7% in 2015

Customer service

CORE ACTIVITIES:

Member Services/Helpdesk

The first point of contact for APNIC Members and others is the Helpdesk, which deals with enquiries regarding resource applications, membership, billing, the whois database, and instances of network abuse.

In 2015, the Member Services team handled more than 23,000 tickets, 2,054 chat sessions and 1,255 phone calls.

MyAPNIC development and maintenance

MyAPNIC is a secure services website for Members to manage Internet resources, update contact information, and receive APNIC services online, anytime.

In 2015, a MyAPNIC user survey was conducted for the first time and identified the following desired improvements:

- Improved speed and responsiveness
- Modernized design and navigation
- Creation of a tool to check whether ASNs are in use

- Simplified tools to manage whois objects
- A single page to manage reverse DNS delegations

These changes have been included in the Services Roadmap project for the September 2015 to March 2016 period. Two-factor authentication, as an alternative to the existing certificate-based authentication, was implemented in 2015.

Quality management

APNIC is an ISO 9001:2008 Quality Management System certified organisation, ensuring that it delivers a high quality and consistent service to our Members.

Each year APNIC is required to undergo a surveillance audit of its Quality Management System. APNIC passed this audit successfully in 2015.

MEMBER SERVICES

23,282 Tickets
1,255 Phone calls
2,054 Chat sessions
161 Skype calls
357 Instant feedback

Customer service

	Planned	Actual
FTE	15.7	16.0
Expenses	$3,081,702	$2,917,080
CAPEX	$77,000	$91,553

Customer service

KEY 2015 PROJECTS:

Billing service improvement

APNIC introduced a new merchant facility in 2015 as part of its aim to improve flexibility of membership payment. This facility allows for receiving payments via PayPal, which was in the final stages of testing at the end of 2015. Further enhancements, including recurring credit card billing, were developed in 2015 for general release in 2016.

Website improvements

Website improvements during 2015 focused on providing a better user experience for the community. The old Services information pages were updated, with the section split into an easier navigation structure, information revised, and duplicate pages removed. APNIC also redesigned the homepage, based on web visitor data and feedback, to make the most popular visitor tasks easier to complete and to remove visual clutter.

Implement instant service feedback mechanisms

To help APNIC keep improving its services to Members and the community in 2015, APNIC implemented instant online feedback tools for the following activities:

- Helpdesk support
- Hostmaster consultation
- MyAPNIC
- Member Gathering events

APNIC received 357 responses via the feedback tool from its implementation in mid-2015 to the end of the year.

2015 Planned Project	Member Benefit	2015 Achievements
Provide additional payment methods, including PayPal	Allow Members to choose from a greater variety of payment methods	New merchant facility introduced. PayPal and recurring credit card billing readied for 2016
Improved www.apnic.net home page with simple navigation **Improved IPv6 and Services pages with a streamlined structure and updated information**	Easier to find information on APNIC websites and an improved user experience	Services pages restructured and improved, and new APNIC home page created IPv6 pages review postponed to 2016
Implementation of an instant online feedback tool to gather opinions from recipients of APNIC services	Ability to provide timely feedback that will influence future improvements in APNIC services	Instant feedback service implemented across four Member contact points

Customer service

KEY 2015 PROJECTS :

Member outreach

APNIC membership outreach communication helps ensure that those organizations that need Internet number resources are aware of APNIC, and the services it offers them.

In 2015, eleven APNIC information sessions and Member Gathering events were held in nine economies: Bangladesh, Cambodia, Hong Kong, Lao PDR, Malaysia, Myanmar, Pakistan, Philippines and Singapore. More than 300 Members and network operators attended these events.

Implement a new Customer Relationship Management (CRM) system

APNIC is continuing to implement a more integrated and functional CRM system for managing communications with Members and other stakeholders.

Project planning and user requirements analysis were completed in 2015, with two specific CRM projects initiated following the planning phase – one for contact management and distribution, and the other for corporate relationship management. Work on the CRM project will be ongoing for 2016 and 2017.

Additional Project: Expansion of Helpdesk contact methods

APNIC integrated Skype into its Helpdesk contact centre technology in 2015 to provide Members with another method to contact Helpdesk staff. Regional toll-free phone services were investigated, but none with sufficient coverage at a reasonable cost were identified.

2015 Planned Project	Member Benefit	2015 Achievements
Pilot of roadshow program and Member gathering events throughout the region to increase awareness of APNIC services	Greater understanding of ways to manage the impact of IPv4 address exhaustion and help increase IPv6 deployment	Eleven events held in nine economies, with more than 300 Members and network operators attending
New CRM system implemented	Improved customer service experience	Project planning and user requirements indicated project scope was larger than initially anticipated. Project underway and due for completion 2017
Unplanned project – Integrate Skype into Helpdesk telephony system	Additional contact method for improved access to Helpdesk	Skype integration completed and in use

Technical infrastructure

CORE ACTIVITIES:

Maintenance of APNIC systems and online services

APNIC uses metropolitan Dark Fibre to connect its office to facilities at two independent data centres.

APNIC switched to a more cost-effective Dark Fibre provider in 2015, reducing operational expenses significantly while maintaining service levels and capacity. In addition APNIC moved to 'containerization' of online services, for higher efficiency of server resource usage.

Technical infrastructure

	Planned	Actual
FTE	12.7	13.3
Expenses	$2,858,742	$2,866,933
CAPEX	$769,883	$462,061

Technical infrastructure

KEY 2015 PROJECTS:

Review of backup management

In 2015, APNIC reviewed its data backup approach against best current practice to see where improvements could be made. From the detailed review, a new system was chosen and implemented, providing system improvements and reduced costs.

Whois version update

A project planned for 2015, but now moved to 2016, is upgrading the Master and NRTM whois services to the latest RIPE whois software version, in sync with RIPE NCC's latest code releases. These upgrades will allow for a more stable and updated whois system.

Enhanced systems monitoring

After a comprehensive review, the Sensu monitoring system was successfully integrated into APNIC's Puppet configuration system in 2015. The system monitors services to proactively prevent system errors and provides faster recovery and rebuild (should an incident occur) through improved automated system deployment.

2015 Planned Project	Member Benefit	2015 Achievements
Review of data backup approach Review backup management software to ensure APNIC is making full use of its virtualised technology environment	Maintain and improve upon the high quality of APNIC data safety and integrity	Review of backup approach completed, with new technology implemented to improve APNIC's backup systems
Updated Master and NRTM whois	Stable and updated whois system	Project postponed to 2016
Inclusion of improved monitoring setup in systems configuration management	Faster recovery after potential incidents Reduced potential downtime frequency and duration	New monitoring system integrated into APNIC systems

Technical infrastructure

KEY 2015 PROJECTS :

Adoption of ISO 27001:2013 Information Security Standard

APNIC plans to adopt the ISO/IEC 27001:2013 Information Security Standard that specifies the requirements for implementing, maintaining and continually improving its information security management systems.

In 2015, APNIC completed an initial Information Security Management Benchmark (ISMB) test to help identify areas of priority. From this test, an ISMB framework was established according to the ISO 27001 standard, to be used as the basis for ongoing work in 2016.

Additional Project: IDN and EAI support on APNIC systems

APNIC completed a gap analysis in 2015 to examine whether its systems are able to correctly handle IDN (Internationalized Domain Names) and EAI (Email Address Internationalization) information. The outcome was a set of requirements which, when executed, will provide APNIC systems the capability to work with IDN and EAI information.

2015 Planned Project	Member Benefit	2015 Achievements
Risk assessment in key areas relevant to APNIC **Security policies and procedure documents to be checked and revised where necessary to be in accordance with the ISO 27001 standard**	Assurance that APNIC's information security is in line with international standards	Risk assessment completed and a security framework established for planned continuation of project in 2016
Unplanned Project: **Analysis of APNIC's IDN and EAI system capability**	Ability for Members to access APNIC services using internationalized domain name or email information	Analysis and project recommendations completed

Member training

CORE ACTIVITIES:

Training services

APNIC supports Internet growth and development in the Asia Pacific region by providing training and education services. The training program aims to build the capacities of APNIC community members on Internet number resource management and best practices in network operation.

In 2015, APNIC held 77 face-to-face training sessions in 29 locations around the region, training 2,194 participants. An additional 726 technical trainees participated in 117 eLearning courses delivered by APNIC.

training.apnic.net

Technical assistance

APNIC's technical and training staff respond to requests from Members for technical assistance by providing one-on-one support in a format that is neutral, independent and cost effective. In many cases this is done through partnerships and collaboration with other recognised technical experts.

In 2015, APNIC provided Technical Assistance to Members in Sri Lanka (January – 8 Members), Bangladesh (May – 13 Members), and Thailand (July – 10 Members). Assistance provided ranged from IPv6 network deployment advice, RPKI information and ROA creation, and network security guidance.

apnic.net/tas

TRAINING

| 77 Face to face | 2,194 Trained | 29 Locations |
| 117 eLearning classes | 726 eLearners | 138,278 Youtube views / 1M Minutes |

TECHNICAL ASSISTANCE

31 Members — in Sri Lanka Bangladesh Thailand

Member training

	Planned	Actual
FTE	6.1	5.0
Expenses	$1,060,878	$953,564
CAPEX	$70,000	$23,573

Member training

KEY PROJECTS

Training needs assessment

In 2015, APNIC conducted a thorough training needs assessment which surveyed the community and provided recommendations to improve the effectiveness of APNIC's training activities. In response to the findings, APNIC took the following actions:

- Reduced weekly eLearning sessions from four to three sessions
- Updated eLearning content to maintain relevance
- Changed eLearning time slots to 11:00; 13:00 and 15:00 (UTC+10) to increase participation
- Recruited two new trainers to meet the demand for increased training around the region

Curriculum revamp and accreditation system development

APNIC continually maintains its face-to-face and on-line training curricula to ensure relevance to today's best current practices.

Updates in 2015 included revised Internet Resource Management (IRM) and Advanced Routing course materials; additional modules for MPLS training; new hands-on exercises for IPv6 courses; and new, peer-reviewed DNS training modules. The training lab was also upgraded to support multiple vendors (including the addition of Juniper equipment). In addition, APNIC starting preparing for the introduction of Huawei and MikroTik-related training content.

Preliminary work on developing an exam-based accreditation system for both the face-to-face and online training also began (to be competed 2016).

2015 Planned Project	Member Benefit	2015 Achievements
Detailed report on the needs, priorities and expectations of Members regarding training	Improved training delivery alignment to Members' needs	Training needs assessment completed and recommendations enacted to improve APNIC training
Revised course material on the five subjects: IPv6, security, number resources, routing, and DNS **An examination-based accreditation system**	Continuing access to high-quality course material Members will have staff certified to have reached a technical skill level	Training curriculum updated and training lab equipment upgraded. Preliminary work on exam-based accreditation system begun for 2016 completion

REGIONAL DEVELOPMENT & OUTREACH

GOAL AND STRATEGIES:

- Develop cost effective and sustainable ways to support AP Internet infrastructure and industry development

- Technical: strengthen the region's technical infrastructure robustness and develop technical skills and knowledge (as needed)

- Policy: contribute uniquely to the development of a policy environment which can maximise the value of the Internet to the AP region

- Partnership: work with others in attracting resources and implementing development strategies

Regional development and outreach

	Planned	Actual
FTE	13.8	13.2
Expenses	$ 3,566,259	$3,440,953
CAPEX	$207,500	$ 42,550

APNIC conferences

CORE ACTIVITIES:

APNIC Conferences

APNIC conferences provide Members and the technical community with opportunities to participate in training, hear from global experts, participate in policy discussions and attend formal Member meetings.

APNIC's two conferences in 2015 were APRICOT 2015 in Fukuoka, Japan, and APNIC 40 in Jakarta, Indonesia. A combined 1,364 delegates from 54 economies attended the conferences in 2015, with an additional 2,324 users watching sessions remotely.

conference.apnic.net

APNIC Regional Meetings

Regional Meetings provide additional opportunities for community members to meet with their peers, share experiences, and get the latest updates on APNIC's activities.

During 2015, APNIC held five regional meetings in Thailand, Philippines, Mongolia, Guam, and Lao PDR, welcoming 314 attendees.

www.apnic.net/arm

APNIC 39 & 40

1,364 Attendees
2,324 Remote users
105 Economies represented
40 Fellowships

REGIONAL MEETINGS

5 ARMs
314 Attendees

APNIC conferences

	Planned	Actual
FTE	4.8	4.8
Expenses	$1,243,203	$1,243,539
CAPEX	$27,500	$ 12,984

Regional technical development

CORE ACTIVITIES:

Policy development

APNIC supports community policy development primarily through the Policy SIG, which develops policies and procedures that relate to the management and use of Internet address resources by APNIC, NIRs, and Members in the Asia Pacific region. APNIC facilitates twice-yearly Policy SIG meetings, the Policy SIG mailing list, the election and support of ASO Address Council Members from the APNIC region, and exchanges policy-related information with other RIRs and ICANN.

Policy SIG results
APNIC 39 (APRICOT 2015)

- prop-112v001: On demand expansion of IPv6 address allocation size in legacy space.
  This proposal did not reach consensus and was abandoned.

- prop-113: Modification in the IPv4 eligibility criteria
- prop-114: Modification in the ASN eligibility criteria
- prop-115: Registration of detailed assignment information in whois DB
  These proposals did not reach consensus and were returned to the authors and Policy SIG mailing list for further consideration.

Masato Yamanishi was elected as the Chair of the Policy SIG.

I HELP RUN THE NET
APNIC Policy SIG

Regional technical development

	Planned	Actual
FTE	3.4	3.4
Expenses	$ 1,092,557	$953,465
CAPEX	$ 180,000	$29,566

Regional technical development

CORE ACTIVITIES:

Policy SIG Results
APNIC 40

- prop-113: Modification in the IPv4 eligibility criteria
- prop-114: Modification in the ASN eligibility criteria
    These proposals reached consensus and were recommended to the EC for ratification
    as APNIC policy.

- prop-115: Registration of detailed assignment information in whois DB
    This proposal did not reach consensus and was returned to the author and Policy SIG
    mailing list for further consideration.

Sumon Ahmed Sabir was elected as the Policy SIG Co-Chair for a term of two years.

In response to Member survey feedback, a summary of policy proposals and outcomes
discussed at APNIC 40 were made available in nine languages. The translated summaries
will continue to be made available in 2016 and beyond.

www.apnic.net/policy

Regional technical development

CORE ACTIVITIES:

Sharing technical knowledge and insights

In 2015, APNIC speakers delivered technical presentations at 58 events around the region, covering topics such as IPv6, DNSSEC, and RPKI.

APNIC staff produced 376 posts for the APNIC Blog, with community members contributing 44 guest posts in 2015.

IXP and Root server deployment

APNIC supports a number of IXP (Internet Exchange Point) and DNS root server installations in the region, coordinating with hosts and root server operators, managing maintenance work and handling requests for new installations.

In 2015, APNIC worked with the Samoan government and NSRC by providing funds for equipment and technical support to help establish an IXP and a new L-root server instance in Samoa. APNIC also provided technical training support for New Caledonia's new IXP in 2015.

REGIONAL MEETINGS

5 Meetings

314 Attendees

Presented at **58** other meetings

Presented at **18** technical forums

NOGS

Attended **17** NOG events

Sponsored **13** NOG events

Regional technical development

KEY PROJECTS

Cooperation SIG establishment and support structure

The APNIC community resolved to establish the Cooperation SIG at APNIC 38 in September 2014, to facilitate discussion about Internet issues which may require cooperation between the APNIC community and others.

The new SIG was launched at APNIC 39, where a Chair and Co-Chair were elected and a SIG Charter was adopted.

Regional technical community development strategy

During 2015, APNIC provided sponsorship for 13 NOG events and sent staff to 17 national and regional NOGs. A total of 40 fellowships were provided, with nine of those awarded to females, and six to youths. APNIC-supported RIPE Atlas Anchors were deployed in India, Nepal, Philippines, Pakistan and the Maldives; with at least 120 RIPE Atlas probes distributed to network operators in the APNIC community.

2015 Planned Project	Member Benefit	2015 Achievements
Facilitation of two Cooperation SIG meetings including one election process **Management of mailing list**	New forum to discuss matters and issues relating to Internet public policy and governance New mechanism to potentially provide feedback to policy makers	Cooperation SIG established, with Chair and Co-Chair elected. Two SIG meetings held in 2015 and mailing list hosted by APNIC
Sponsorship of up to six NOG events **Provision of at least 20 fellowships** **Deployment of four RIPE Atlas anchors and at least 10 RIPE Atlas probes**	Improved collaboration and cooperation though increased engagement at events Improved regional technical knowledge Improved regional technical infrastructure	40 fellowships provided Five RIPE Atlas anchors deployed and 120+ RIPE Atlas probes distributed

Community engagement

CORE ACTIVITIES:

Collaboration with other AP organizations

APNIC continues to collaborate with other Asia Pacific organizations in projects and partnerships that develop the Internet in the region. The collaboration includes human capacity development (training), strengthening Internet critical infrastructure, research and measurements, meetings and conferences, and policy development.

New Memorandums of Understanding (MoUs) were signed in 2015 with organizations including APCERT, APAN, Sri Lanka Next Generation (SLNG), and Telecom Vanuatu.

ISIF Asia grants and awards program

The Information Society Innovation Fund (ISIF Asia) is a grants and awards program aimed at stimulating creative solutions to ICT development needs in the Asia Pacific region. APNIC operates the ISIF Asia Secretariat, providing administrative support, facilitating the selection process, grantee reporting and dissemination strategy, fund raising, and program evaluation.

In 2015, ISIF Asia awarded grants to four projects from Bangladesh, Nepal, India and the Pacific Islands. The grant recipients receive funding of up to AUD 30,000 to help develop their projects.

Five projects from India, Indonesia, and Pakistan received ISIF Asia Awards of AUD 3,000 for their ISIF-supported projects. The winners attended the 10th Internet Governance Forum in João Pessoa, Brazil, in November 2015 where an awards ceremony was held. ISIF Asia also provided travel assistance to several recipients to attend events including APNIC 40, APrIGF 2015, ICTD 2015 and ICG 2015, through the ISIF Capacity Building Fund.

www.isif.asia

Community engagement

	Planned	Actual
FTE	5.6	5.1
Expenses	$1,230,499	$ 1,243,949
CAPEX	–	–

Community engagement

CORE ACTIVITIES:

Regional IGF

APNIC contributes actively to national and regional IGFs to ensure that IP addressing and critical Internet infrastructure issues are understood on all levels.

APNIC staff participated in the 2015 Asia Pacific Regional Internet Governance Forum (APrIGF) in Macao, to join discussions and collaboration on Internet governance issues at a regional level. APNIC Director General, Paul Wilson, was re-elected as Chair of the APrIGF Multistakeholder Steering Group and will hold the position until 2017.

Government and sub-regional liaison

Governments and sub-regulatory bodies are important partners in supporting the sustainable growth of the Internet and IPv6 deployment. APNIC provides these organizations with advice on IP addressing and critical Internet infrastructure issues wherever possible.

In 2015, APNIC participated in the Asia Pacific Economic Cooperation Telecommunications and Information Working Group's APEC TEL 51 and 52 in 2015, providing updates on IPv6 deployment and network security issues in the region.

APNIC also participated at the 2015 Asia Pacific Telecommunity (APT) Cybersecurity Forum and attended the APT preparatory meeting for the World Telecommunication Standardization Assembly (WTSA), to be held during 2016.

Community engagement

KEY PROJECTS

Finalize a plan for an APNIC foundation / development mechanism

APNIC has been investigating new structures and mechanisms to support expansion of APNIC's development services and attract additional support from new sources.

A concept note on a proposed "APNIC Foundation" was considered positively by the APNIC Executive Council in 2015, followed by a further detailed review of the requirements to establish a foundation as a charitable organization registered in Hong Kong.

At the same time, the World Bank, the Japanese International Cooperation Agency, and the ITU provided support for APNIC's development activities.

Additional Project: Internet operations research grants

In 2015, APNIC established the ISIF Asia Internet Operations Research Grants to support independent technical research on Internet operations, infrastructure, protocols and related issues. The AUD 60,000 fund aims to support the development of an Internet research community to help improve the availability, reliability, security and application of the Internet in the Asia Pacific. The awardees will be announced in 2016.

www.isif.asia/researchgrant

2015 Planned Project	Member Benefit	2015 Achievements
A concept note on the strategy and implementation of the chosen development mechanism	Additional source of development funding Expanded development services	Concept note developed and presented to APNIC EC

Unplanned Project	Member Benefit	2015 Achievements
Establish a grants program to support independent research on Internet operations	Research which helps Members plan and design their network infrastructure	Grants program established and submissions received for first round of grants

GLOBAL COLLABORATION

GOAL AND STRATEGIES:

● Promote and strengthen the open, multi-stakeholder, bottom-up and transparent Internet governance model and policy development process

● Develop and maintain APNIC's position as a neutral and cooperative source of technical expertise

● Engage with a relevant stakeholder base – governments, law enforcement agencies, civil society, Internet organizations, businesses, academic/research institutions and so on

Global collaboration

	Planned	Actual
FTE	4.8	4.8
Expenses	$ 1,703,670	$1,900,080
CAPEX	$79,500	$37,884
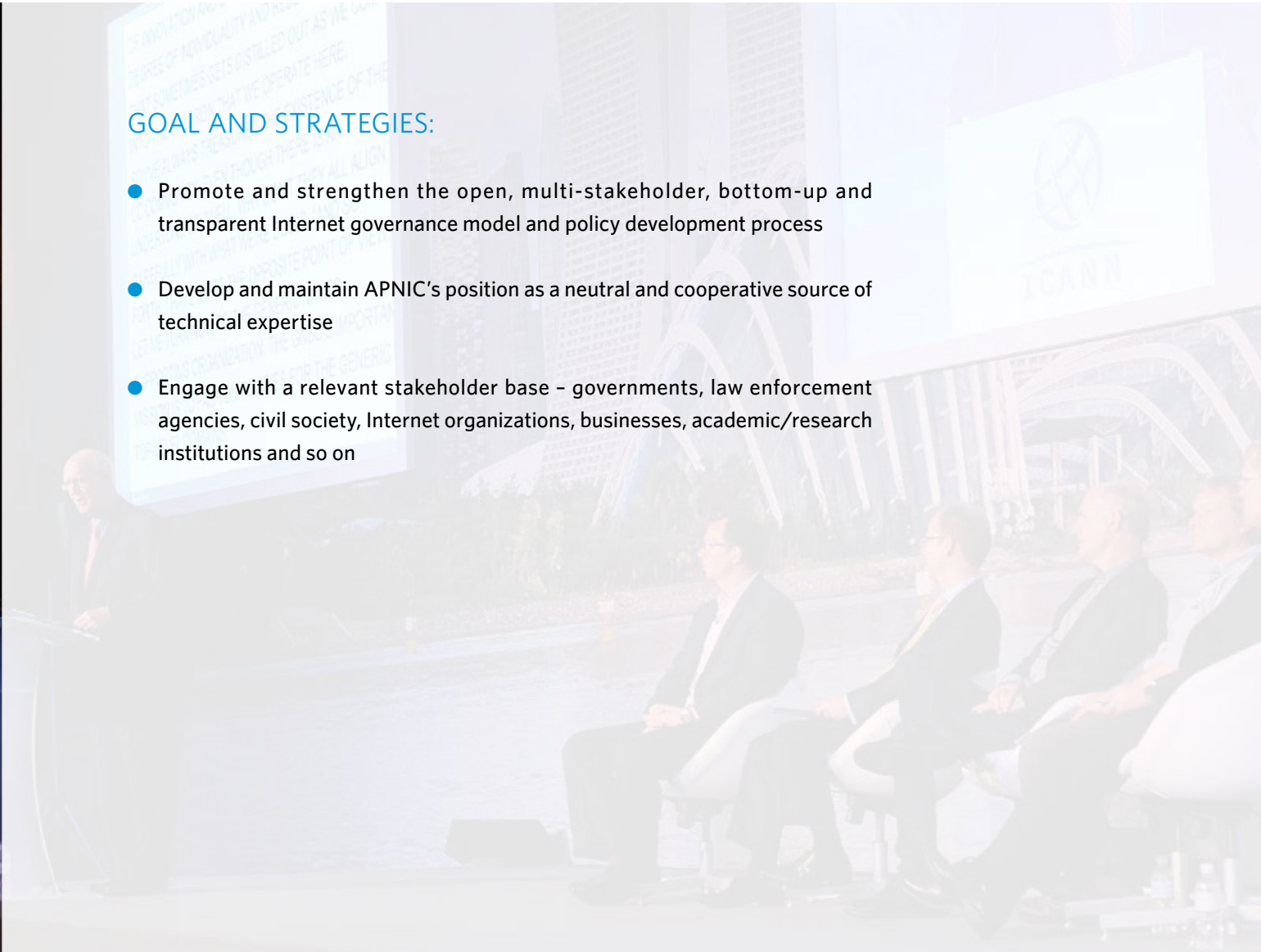
Global technical community collaboration

CORE ACTIVITIES:

Collaboration work with other RIRs

APNIC works with other RIRs to share experiences and expertise, and collaborate on joint projects and activities. Through the Number Resource Organisation (NRO), the five RIRs work together on issues and projects of importance to the entire RIR community.

In 2015, some of the highlights included:

- An RIR stability fund was established through voluntary pledges of funds, from individual RIR financial reserves, should emergency funding be required to maintain the stability of an RIR due to an unforeseen event (such as a natural disaster).
- Senior R&D Scientist, George Michaelson, spent several months in residency with both the RIPE NCC Labs and LACNIC R&D teams to collaborate on research projects.
- Visits from two recently-appointed RIR CEOs (Oscar Robles, LACNIC, and Alan Barrett, AFRINIC) to the APNIC offices in Brisbane to learn more about how APNIC operates.

- Event Project Manager, Blandine Cousin, assisted AFRINIC in staging AFRINIC 22 in Pointe Noire, Congo.
- NRO support for the Internet Governance Forum (IGF) in João Pessoa, Brazil, including the development of a joint IPv6 best practice guide released during the event.

Global technical community collaboration

	Planned	Actual
FTE	2.3	2.3
Expenses	$898,545	$1,043,737
CAPEX	–	$754

Global technical community collaboration

CORE ACTIVITIES:

Collaboration with I* (ICANN, IANA, IETF, ISOC)

APNIC maintains relationships with global technical organizations such as ICANN, IANA, IETF, and ISOC to ensure global Internet discussions and policies include regional technical considerations.

In 2015, coordination meetings between the I* organizations were held in London and via conference calls, with discussions focusing primarily on the IANA Stewardship Transition and the WSIS+10 review process.

APNIC's Chief Scientist, Geoff Huston, was appointed to ICANN's Security and Stability Advisory Committee (SSAC) in February 2015, contributing research and advice to the ICANN Board.

Participation in other global Internet forums

APNIC provided Asia Pacific technical perspectives in several global Internet forums in 2015, including:

- World Internet Conference in Wuzhen, China. Paul Wilson was a speaker and invited to join the conference's 'High Level Advisory Council' which will provide advice on future events.
- Mobile World Congress. APNIC participated for the first time in the GSMA Ministerial Program of Mobile World Congress in Barcelona, and Paul Wilson delivered a keynote presentation on IPv6 at the 'Internet of Things Summit' during Mobile World Congress in Shanghai.
- 27th Annual FIRST Conference. APNIC's Adli Wahid was re-elected as a member of the FIRST Board of Directors.

A full library of event wrap reports, covering all regional and global engagements by APNIC staff, is available on the APNIC Blog.

Global technical community collaboration

KEY PROJECTS

IANA Stewardship Transition plan

APNIC contributed to the IANA Stewardship Transition process at a global level through the IANA Stewardship Transition Coordination Group (ICG), and at a regional level by supporting the appointees to the Consolidated RIR IANA Stewardship Proposal (CRISP) Team. The ICG team included ASO/NRO representatives Paul Wilson (APNIC), Alan Barrett (AFRINIC), and Hartmut Glaser (Address Council). The APNIC community was represented on the CRISP team by Izumi Okutani (Chair), Dr Govind, and APNIC's Craig Ng.

In January 2015, the CRISP Team submitted the Internet number community's Final Proposal to the ICG. The proposal was the result of consensus output of community discussions held in each RIR region. The ICG consolidated the contribution from CRISP into its final proposal at the end of 2015, and has since been awaiting the Cross Community Working Group on Enhancing ICANN Accountability (CCWG) to complete its related work so the final proposal can be submitted to the ICANN Board and subsequently, to the US Government.

www.apnic.net/ianaxfer

2015 Planned Project	Member Benefit	2015 Achievements
Successful participation in development of the Internet numbering community's transition plan **Delivery of the IANA Stewardship Transition plan to the US Government**	Assured continuity of IANA services	Numbering community plan submitted on schedule to ICG. Final proposal will be submitted to US Government by the ICG once CCWG completes its work

Inter-governmental outreach

CORE ACTIVITIES:

Inter-governmental liaison

2015 marked the 10-year review of the World Summit on Information Society (WSIS+10), and the Internet Governance Forum (IGF). APNIC made official submissions to the WSIS+10 Review consultation process, participated in the development of the Pattaya Key Messages (an Asia Pacific submission to the Review), and provided advice to government participants from the Asia Pacific region who attended the WSIS+10 UN General Assembly High-Level Meeting. The output document from WSIS+10 supported a multistakeholder Internet governance model and renewed the mandate of the IGF.

APNIC contributed to three INTERPOL meetings and workshops held in Singapore and China in 2015. APNIC Security Specialist Adli Wahid was invited to join the INTERPOL Global Cybercrime Expert Group. Geoff Huston continued his work with the OECD in 2015, attending two meetings to provide advice and research data to the OECD in preparation for its 2016 Ministerial Meeting that will address the digital economy, innovation, growth and social prosperity.

Inter-governmental outreach

	Planned	Actual
FTE	1.3	1.3
Expenses	$449,637	$485,649
CAPEX	–	–

Global research

CORE ACTIVITIES:

Global research and measurements

APNIC Labs delivers globally-recognized research and measurement reports of key technologies including IPv6, BGP and DNSSEC.

In 2015, the Labs measurement platform was recoded to use HTML5 instead of Flash, allowing measurement of mobile devices. Improved data visualizations were also developed for some of Labs' core reports.

APNIC Labs provided critical data on the behaviour of DNS resolvers when dealing with large DNS responses, contributing to global preparations for the DNS Root Zone key rollover in 2016. Labs also completed an experiment that highlighted some issues with ICANN's Universal Acceptance program for new Generic Top Level Domains.

Technical advocacy at global forums

In 2015, APNIC shared its research findings at 18 technical forums across the globe, helping network engineers and policy makers make better decisions about Internet design and development.

Global research

	Planned	Actual
FTE	1.2	1.2
Expenses	$355,488	$ 370,694
CAPEX	$79,500	$37,130

CORPORATE

GOAL AND STRATEGIES:

- Create a resilient organization to meet APNIC's goals and obligations

- Maintain a sustainable business model for the organization

- Motivate and align skilled people by providing a clear vision, optimal structure and enabling conditions to deliver tangible outcomes

- Provision adequate resources to support membership growth and additional services

- Maintain and attract the right human resources to meet organizational needs

Corporate

	Planned	Actual
FTE	14.3	14.3
Expenses	$ 3,497,927	$ 3,589,490
CAPEX	$34,500	$ 44,444

Human resources management

CORE ACTIVITIES:

Staff training and development

APNIC staff regularly undertake skills training and professional development, relevant to their roles, to improve their effectiveness and expertise.

In 2015, staff exchanges were completed with LACNIC, RIPE NCC and AFRINIC for three APNIC staff members. A comprehensive training plan ensured that staff training needs were met as effectively and economically as possible. The third annual staff engagement survey results in 2015 confirm that APNIC continues to meet global High Performance benchmarks, as measured independently by the Hay Group.

Human resource management

	Planned	Actual
FTE	4.4	4.4
Expenses	$955,142	$1,043,320
CAPEX	–	–

Human resources management

KEY PROJECTS

Recruitment

The focus of recruitment in 2015 was to expand APNIC's capacity for training and improve the coordination and effectiveness of APNIC's community outreach efforts.

Systematic management of contractors and consultants

APNIC standardized agreements and procedures for engaging with contractors and consultants in 2015.

KPI measurement improvements

APNIC expanded internal KPI systems to improve alignment of organizational goals with individual performance plans, and measurement of performance.

2015 Planned Project	Member Benefit	2015 Achievements
Recruitment of: **1 x Trainer (subject to training needs assessment findings)** **1 x External relations manager**	Additional training coverage Dedicated external relations resource (previously part-time) to gather and respond to Member and community needs	2 x trainers recruited 1 x External relations manager recruited
Standardized terms and conditions for consultants and contractors **Consultant and contractor performance evaluation process**	Diligent management of professional fee expenses	New standard agreement introduced, including guidelines for performance evaluation
Expanded internal KPI dashboard populated with updated economy/sub-regional data and indicators **Cascading new goals to individual performance plans**	Improved staff accountability to performance measures linked to overall APNIC objectives	Improved internal KPI dashboard established and all goals cascaded to individual performance plans / appraisals

Finance and administration

CORE ACTIVITIES:

Financial management

APNIC reviewed its banking provider in 2015 and selected Westpac (Australia) as its new provider. All transactional banking will be transferred to Westpac by January 2016.

A new merchant payment facility was also introduced in 2015 to provide additional Member payment options. The new facility allows for payments via PayPal, and others which will be enabled in 2016.

APNIC successfully renewed the existing private ruling of the Australian Taxation Office, confirming APNIC's "mutuality" status (which exempts Member fee contributions from company taxation) through to the end of June 2017.

Office management

APNIC's office management team maintained a healthy and productive work environment for APNIC staff, including managing office supplies, telephone/fax costs, postage/shipment, and general administrative tasks.

Travel management

APNIC staff, APNIC Executive Council members, and APNIC NRO NC members undertake significant travel to cover various events in the Asia Pacific region and globally. APNIC's incumbent corporate travel provider was reviewed in 2015 for service quality and pricing alongside alternative suppliers. A new provider, Pulse Travel, was selected in November 2015 based on a favourable analysis.

Finance & administration

	Planned	Actual
FTE	8.0	8.0
Expenses	$1,394,258	$ 1,403,214
CAPEX	$6,000	$ 7,713

Legal, Governance and Facilities

CORE ACTIVITIES:

Legal counsel

In addition to providing ongoing legal advice, drafting and reviewing contracts, and corporate governance guidance, APNIC's legal counsel was heavily involved in the development of the draft Service Level Agreement (SLA) between the IANA Numbering Services Operator and the five RIRs.

Workplace health and safety compliance

APNIC has a legal responsibility to provide a safe work environment to staff, contractors, and visitors. A range of activities to comply with these requirements, including quarterly audits and inspections, were completed in 2015 to minimize the risk of workplace incidents. No significant workplace accident or injury was recorded in 2015.

Building and office facilities

APNIC took an active approach to managing APNIC's main office in Brisbane, including oversight of utility equipment, interior fit-outs, office furniture, building security, and repair and maintenance.

Legal & governance

	Planned	Actual
FTE	1.6	1.6
Expenses	$712,084	$681,216
CAPEX	–	–

Facilities

	Planned	Actual
FTE	0.3	0.3
Expenses	$436,443	$461,740
CAPEX	$28,500	$36,731

Facilities

KEY PROJECTS

Facilities review

During 2015, the Secretariat commenced a review of APNIC's office facilities to determine its requirements over the next 5–10 years. APNIC moved to Cordelia Street in South Brisbane in December 2010, and there has been a significant change in the surrounding property market since then, with a large number of large residential developments either planned or under construction on neighbouring sites.

An analysis was presented to the APNIC EC in December identifying options for APNIC to review and update its current investment, and this work will continue in 2016.

2015 Planned Project	Member Benefit	2015 Achievements
Comprehensive facilities review	Care and maintenance of a significant APNIC financial asset	Review of APNIC facilities underway with an analysis of options presented to EC; work to continue in 2016.

2015 FINANCIAL REPORT BY ACTIVITY

	FTE			CAPEX			OPEX		
	Budget 2015	Actual 2015	Variance	Budget 2015	Actual 2015	Variance	Budget 2015	Actual 2015	Variance
Activity									
Serving Members									
Technical Infrastructure	12.7	13.3	0.7	769,883	462,061	-307,822	2,858,742	2,866,933	8,191
Member Training	6.1	5.0	-1.1	70,000	23,573	-46,427	1,060,878	953,564	-107,314
Customer Service	15.7	16.0	0.3	77,000	91,553	14,553	3,081,702	2,917,080	-164,622
Registration Services	6.7	7.3	0.5	6,000	6,218	218	1,296,115	1,150,169	-145,946
Total	41.2	41.6	0.5	922,883	583,405	-339,478	8,297,437	7,887,747	-409,690
Regional Development									
Regional Technical Development	3.4	3.4	0.0	180,000	29,566	-150,434	1,092,557	953,465	-139,092
Community Engagement	5.6	5.1	-0.5	—	—	—	1,230,499	1,243,949	13,450
APNIC Conferences	4.8	4.8	0.0	27,500	12,984	-14,516	1,243,203	1,243,539	336
Total	13.8	13.2	0.0	207,500	42,550	-164,950	3,566,259	3,440,953	-125,306
Global Collaboration									
Inter-governmental Outreach	1.3	1.3	0.0	—	—	—	449,637	485,649	36,012
Global Technical Community	2.3	2.3	0.0		754	754	898,545	1,043,737	145,192
Global Research	1.2	1.2	0.0	79,500	37,130	-42,370	355,488	370,694	15,206
Total	4.8	4.8	0.0	79,500	37,884	-41,616	1,703,670	1,900,080	196,410
Corporate									
Legal & Governance	1.6	1.6	0.0	—	—	—	712,084	681,216	-30,868
Human Resource Management	4.4	4.4	0.0	—	—	—	955,142	1,043,320	88,178
Finance & Administration	8.0	8.0	0.0	6,000	7,713	1,713	1,394,258	1,403,214	8,956
Facilities	0.3	0.3	0.0	28,500	36,731	8,231	436,443	461,740	25,297
Total	14.3	14.3	0.0	34,500	44,444	9,944	3,497,927	3,589,490	91,563
Total	**74.0**	**73.9**	**-0.1**	**1,244,382**	**708,282**	**-536,101**	**17,065,293**	**16,818,270**	**-247,023**

STATEMENT OF FINANCIAL POSITION

Notes: For a better understanding of APNIC Pty Ltd's financial position and performance, as represented by the results of its operations for the financial year ended 31 December 2015, the statement of financial position, and statement of income, should be read in conjunction with the annual statutory financial report and the audit report contained therein.

Assets

	2015 (AUD)	2014 (AUD)	% change from 2014
Current assets			
Cash and cash equivalents	1,785,266	1,062,097	68%
Trade and other receivables	5,486,288	5,335,670	3%
Other current assets	553,685	486,032	14%
Total current assets	7,825,239	6,883,799	14%
Non-current assets			
Available-for-sale financial assets	18,951,801	17,924,950	6%
Property, plant and equipment	7,842,424	7,905,733	-1%
Deferred tax assets	139,580	157,749	-12%
Total non-current assets	26,933,805	25,988,432	4%
Total assets	34,759,044	32,872,231	6%

Liabilities

	2015 (AUD)	2014 (AUD)	% change from 2014
Current liabilities			
Payables	1,196,385	1,215,729	-2%
Provisions	1,138,287	1,374,701	-17%
Unearned revenue	8,546,573	8,366,881	2%
			-1%
Total current liabilities	10,881,245	10,957,311	
Non-current liabilities			
Deferred tax liabilities	276,432	284,963	-3%
Provisions	281,908	241,459	17%
Total non-current liabilities	558,340	526,422	6%
Total liabilities	11,439,585	11,483,733	-0%
Net Assets	**23,319,459**	**21,388,498**	**9%**

Equity

	2015 (AUD)	2014 (AUD)	% change from 2014
Share capital	1	1	0%
Reserves	589,460	614,663	-4%
Retained earnings	22,729,998	20,773,834	9%
Total equity	**23,319,459**	**21,388,498**	**9%**

STATEMENT OF INCOME

	2015(AUD)	2014 (AUD)	% change from 2014
Revenue			
IP resource application fees	(18,375)	1,323,250	-101%
Investment income	792,041	754,563	5%
Membership fees	16,933,413	15,903,111	6%
Non-member fees	243,049	254,706	-5%
Reactivation fees	37,600	67,800	-45%
Sign-up fees	456,000	0	0%
Sundry income	303,523	292,872	4%
Foreign exchange gain	27,185	26,629	2%
Total revenue	**18,774,436**	**18,622,931**	**1%**
Expenses			
Communication expenses	591,885	483,803	22%
Computer expenses	520,784	572,528	-9%
Depreciation expense	764,145	765,548	-0%
ICANN contract fees	284,161	260,333	9%
Meeting and training expenses	350,313	374,850	-7%
Office operating expenses	315,608	312,744	1%
Professional fees	1,195,494	1,052,757	14%
Salaries and personnel expenses	9,586,575	8,731,164	10%
Sponsorship/ publicity expenses	575,775	340,946	69%
Travel expenses	1,961,551	1,955,471	0%
Other operating expenses	659,204	718,286	-8%
Total expenses	**16,805,495**	**15,568,430**	**8%**
Operating surplus			
Operating surplus before income tax	1,968,941	3,054,501	-36%
Income tax benefit / (expense)	(12,777)	34,609	-137%
Operating surplus after income tax	**1,956,164**	**3,089,110**	**-37%**

CASH FLOW STATEMENT

For the year ended 31 December

	2015(AUD)	2014 (AUD)	% change from 201
Cash flows from operating activities			
Receipts from members and customers	18,570,973	18,712,686	-1%
Payments to suppliers, employees and grantees	(17,227,843)	(16,195,699)	6%
Grants received	799,587	875,783	-9%
Interest received	142,420	179,033	-20%
Net cash inflow from operating activities	**2,285,137**	**3,571,803**	**-36%**
Cash flows from investing activities			
Redemption of short-term deposits	(400,000)	214,795	-286%
Payments for property, plant and equipment	(709,029)	(707,464)	0%
Proceeds from disposal of property, plant and equipment	7,230	24,678	-71%
Purchase of available-for-sale financial assets	(500,000)	(3,008,343)	-83%
Net cash outflow from investing activities	**(1,601,799)**	**(3,476,334)**	**-54%**
Net increase (decrease) in cash and cash equivalents:	**683,338**	**95,469**	**616%**
Cash and cash equivalents at the beginning of year	1,062,097	943,980	13%
Effects of exchange rate changes on cash and cash equivalents	39,831	22,648	76%
Cash at the end of year	**1,785,266**	**1,062,097**	**68%**

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Supporters

APNIC acknowledges and thanks the following organizations for their generous support during 2015.

APNIC Events Supporters (In alphabetical order)

Afilias

Akamai

ALAXALA Networks Corporation

Alcatel-Lucent

APIA, Asia Pacific Internet Association

APJII, Asosiasi Penyelenggara Jasa Internet Indonesia

Arbor Networks, Inc.

BTI Systems

CNNIC, China Network Information Center

Communications Regulatory Commission of Mongolia

Curvature Solutions Pte Ltd.

Denso Corporation

Digital Japan Investment Management G.K.

DMM. Com

DotAsia Organisation

Equinix

First Media

Google

Hong Kong Broadband Network Ltd.

ICANN

Internet Initiative Japan Inc.

IPv4 Market Group

ISIF, Information Society Innovation Fund

ISOC

IT Federation

Japan Registry Services Co., Ltd.

JPNIC, Japan Network Information Centre

Juniper Networks, Inc.

KISA, Korea Internet & Security Agency

LANIC

Merdeka

Microsoft Corporation

Mitsui Knowledge Industry

National Institute of Informatics

National Institute of Information and Communications Technology

Nippon Telegraph And Telephone Corporation

Nissho Electronics Corporation

NIXI, National Internet Exchange of India

Nominum

NSRC, Network Startup Resource Centre

NTT Communications

OPT Nouvelle-Caledonie

PACNOG

PANDI

PHCOLO Inc

PhNOG

PT Pandata System

Seiko Solutions Inc.

TEIN

Telekom Indonesia

TeliaSoneira

ThNOG

TWNIC, Taiwan Network Information Centre

Training Sponsors in 2015 were:

APJII, Asosiasi Penyelenggara Jasa Internet Indonesia

Cook Islands Government

ISOC Bangalore

Myanmar Ministry of Telecommunications and IT

MyIX, Malaysia Internet Exchange

National Communications Authority of Timor-Leste

NPIX, Internet Exchange Nepal

OPT Nouvelle-Caledonie

PITA, Pacific Islands Telecommunications Association

SLNG, Sri Lanka Next Generation

Telecom Fiji Limited

Telecom Niue

UP ITDC, University of the Philippines Information Technology Development Center

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