APNIC

APNIC History

Serving the Asia Pacific
Internet Community since 1993

APNIC

1993

APNIC is launched in Japan to undertake resource registration, information provision, network operations support, and NIC cooperation for the Asia Pacific region

Delegates at the 1st APCCIRN meeting in Honolulu decide that Jun Murai & Masaki Hirabaru (WIDE Project/ JNIC) would operate the Asia Pacific Network Information Centre ("APNIC") experiment in cooperation with other countries

The experiment was from September 1993 to June 1994

APNIC is established as a project in Tokyo by APCCIRN, fully funded by JPNIC, and secures the domain name APNIC.NET

Jun Murai asks David Conrad, working for Internet Initiative Japan (IIJ), if he'd be interested in helping start up APNIC

Jun Murai gives a status report on the goals of the pilot project to the 2nd APCCIRN meeting in San Francisco

David Conrad (APNIC's first Director General) presents an APNIC midterm status report at the APCCIRN/APEPG meeting in Taipei, Taiwan

"To facilitate communication, business, and culture using Internet technologies"

The distribution of the registration function is desirable, and in keeping with that goal, it is necessary to develop a plan which manages the distribution of the network number space. The demand for network numbers has grown significantly within the last two years and as a result the allocation of network numbers must be approached in a more systematic fashion. - *RFC 1466*

The pentium processor is invented

The World Wide Web is born at CERN

Development of CIDR support in routing protocols underway

Japan has the fastest bandwidth speed in the world, at 2.17 Mbps

STATISTICS

1
Staff

405
IPv4

APNIC

1994

In the early days, much of APNIC's work is based on and around a few mailing lists hosted on a computer at the University of Tokyo

IANA publicly recognizes APNIC's status in the Asia Pacific region by delegating the IPv4 blocks 202/8 and 203/8 for distribution

The APNIC report at the CCIRN meeting in Amsterdam records that APNIC has 27 Members from 12 economies

The APNIC pilot project is reported as successfully completed at the APCCIRN/ APEPG meeting in Prague, Czech Republic

JPNIC

KRNIC

AUNIC

NETSCAPE

Netscape releases the Navigator browser in October under the code name Mozilla

In late 1994 SSL encryption is introduced to make transactions secure

CIDR and BGP4 deployment by major network operators across the Internet

APCCIRN becomes the Asia Pacific Networking Group (APNG)

eCommerce arrives on the Internet:

- Pizza Hut offers online ordering
- The first online bank opens
- There are attempts to offer flower delivery and magazine subscriptions online

STATISTICS

Members	Staff	ASN	IPv4
27	2	1	513

APNIC

1995

The APNIC pilot project is deemed a success. Work continues as the "interim APNIC". According to David Conrad "running a regional NIC is not for the weak of heart, shallow of mind, or shy of disposition"

APNIC holds its first Meeting at Chulalongkorn University in Bangkok, Thailand. It welcomes 82 attendees, is run by volunteers, and is free. Topics discussed centre on APNIC funding and membership fees

Jon Postel, the RIPE NCC, APNIC, and InterNIC start collaboration on drafting RFC2050, the first comprehensive description of a global address management policy and procedures

APNIC holds its second Meeting in Hawaii, in conjunction with APNG

APNIC introduces three member types into the membership structure: ISP (Local IR), Enterprise, and National

APNIC leads the creation of the Asia and Pacific Rim Internet Conference on Operational Technologies (APRICOT)

By the end of the year, APNIC staff comprises David Conrad, Masaya Nakayama, and Yoshiko Chong Fong

APRICOT Asia Pacific Regional INTERNET Conference on Operational Technologies

1 Bangkok, Thailand

2 Hawaii, USA

Java computer language invented

DVD (Digital Versatile Disc or Digital Video Disc) invented

The US Space Shuttle (STS-71) docks to the Mir space station for the first time

Internet users number 16 million, 4% of the population

STATISTICS

Members	Staff	ASN	IPv4
55	3	47	993

APNIC

1996

APNIC is successful in securing its long-term, independent existence by becoming a legal entity

APNIC holds APNIC 3 in conjunction with the first ever APRICOT at the RELC in Singapore

The first APNIC Executive Council (EC) is formed from the five economies financially supporting APNIC. The inaugural EC includes:
- Geoff Huston (Australia, Chair)
- Jun Murai (Japan, Treasurer)
- Tze Meng Tan (Malaysia, Secretary)
- Sanjaya (Indonesia)
- B A C Abeyantha (Sri Lanka)

APNIC 4 is held as part of the INET96 conference in Montreal, Canada

Kyoko Day joins APNIC full time as the fifth member of staff, bringing the organization to two full time and three part time staff

APNIC is registered in the Seychelles as a non-profit, international organization

APNIC membership has four membership tiers: Large, Medium, Small, and Enterprise

APNIC's equipment exists of "two service machines and a router with connectivity to the APNIC Secretariat provided by a 128 kbps link"

3 Singapore

4 Montreal, Canada

Internet address space is distributed according to the following three goals:
1) Conservation
2) Routability
3) Registration

Regional Internet Registries (RIRs) operate in large geopolitical regions such as continents. Currently there are three RIRs established; InterNIC serving North America, RIPE NCC serving Europe, and APNIC serving the Asia Pacific region. - RFC2050

Web TV invented

Ebay started the online auction and shopping website

STATISTICS

114 Members

5 Staff

63 ASN

1050 IPv4

APNIC

1997

This year, APNIC starts to investigate new locations for doing business and turns to the consultancy firm KPMG for assistance

APNIC 5 is held in Hong Kong along with APRICOT 97

The Secretariat notes at APNIC 5 that 108 Members in 24 economies are being served. The Secretariat discusses the introduction of the Confederation membership category

At APNIC 5, the minutes record discussion of critical staffing limitations

APNIC 5 also features the first formal election for EC positions. Dr Xing Li (China) and Prof Dr Srisakdi Charmonman (Thailand) are elected

APNIC 6 is held in Kuala Lumpur, Malaysia

The American Registry of Internet Numbers (ARIN) is chartered to take over from InterNIC in 1998

APNIC identifies the need to move from Japan due to the complexity of operation and to reduce cost

In its search for a new home base, APNIC is asked to consider "democracy, stability, and good IT infrastructure and training". Brisbane, Australia is identified as the most appropriate new location

5 Hong Kong

6 Kuala Lumpur, Malaysia

APRICOT becomes the Asia Pacific Regional Internet Conference on Operational Technologies and adopts logo designed by Bob Coggeshall.

Singapore became the second country in Asia after Japan to be linked to the global Internet2 infrastructure via the launch of the Singapore Advanced Research and Education Network (SingAREN).

Hong Kong returned to Chinese rule

STATISTICS

APNIC

1998

Without any interruption in normal services, APNIC moves into its new home in Brisbane

APNIC begins relocating to Brisbane, Australia, in February, completing the move in August

APNIC reregistered as an Australian company, APNIC Pty Ltd

APNIC 7 is held at the Shangri-La Hotel, Makati City, Manila, Philippines, in conjunction with APRICOT 98

Yoshiko Chong Fong continues to support APNIC's hostmaster function from Tokyo during the transition to Brisbane. Kyoko Day moves to Brisbane

David Conrad resigns as Director General, and is replaced by Paul Wilson

In August, Paul Wilson joins five other staff in Brisbane:

- Anne Lord, Senior Hostmaster and Trainer
- Kyoko Day, Business Manager
- Paul Gampe, Senior Systems Administrator
- Connie Chan, Membership Officer
- Fabrina Hossain, Hostmaster

ICANN and the three RIRs operating at the time (APNIC, ARIN and the RIPE NCC) create the Address Supporting Organisation Address Council (ASO/AC) under an MoU

APNIC conducts its first Member Survey

APNIC WHOIS queries pass 1,000,000 per month

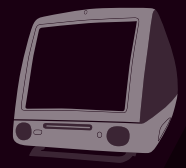
ARIN ICANN

7 Manila, Philippines

The BGP table passes 50,000 prefixes for the first time

Google!

Google files for incorporation in California on September 4



Apple Computer unveils the iMac

STATISTICS

249 Members

6 Staff

108 ASN

166 IPv4

APNIC

1999

Under Paul Wilson's direction, APNIC starts to build a broader suite of membership services, dedicating more resources to training, technical development, and communication

APNIC 8 is held with APRICOT 99 at the Suntec Singapore International Convention & Exhibition Centre, in Singapore

IANA delegates the initial IPv6 address space to the RIRs to begin immediate global IPv6 deployment

All of APNIC's primary allocation and assignment policies are brought together in a single document

The EC resolves to increase the number of EC members from five to seven, to increase the EC's ability to draw from a wider geographical membership range

The APNIC community adopts its first IPv6 allocation and assignment policy

APNIC makes its first IPv6 allocation to the WIDE project

APNIC begins work on Resource certification

8 Singapore

You can create a live journal on LiveJournal.com

6,000,000,000

The human population of the world surpasses six billion

STATISTICS

Members	Staff	ASN	IPv6	IPv4
396	12	128	5	232

APNIC

2000

APNIC introduces the biannual meeting model, with a second standalone meeting rebranded the "Open Policy Meeting". The OPM reflects the "Internet Model" of development, which is inherently open, transparent, and inclusive

APNIC 9 is held in Seoul, Korea in conjunction with APRICOT 2000

APNIC introduces the Special Interest Groups (SIGs) and Birds of a Feather (BoF) sessions at APNIC 9. SIGs help to provide an open public forum to discuss topics of interest to APNIC and the Internet community in the region. BoF sessions are informal discussion groups on topics of interest to the community

APNIC joins with the other RIRs on the Early Registration Transfer (ERX) project, which redistributes legacy address records along regional lines

APNIC membership grows by a record 52% and the Medium, Large, and Very Large categories grow by at least 100%

The previously self-determined membership tier selection comes under review and a proposal is accepted to base the minimum membership category on the amount of address space held

8 Seoul, Korea

9 Brisbane, Australia

APNIC Open Policy Meeting OCTOBER 2000 BRISBANE AUSTRALIA

Sydney 2000

2000 Summer Olympics in Sydney, Australia

The billionth living person in India is born

In December, the BGP table passes 100,000 prefixes for the first time

304 million Internet users, 5.0% of the population

STATISTICS

Members	Staff	ASN	IPv6	IPv4
602	23	230	14	353

APNIC

2001

APNIC awards founding Members with certificates at APNIC 12 to acknowledge and recognize the contributions they had made in helping APNIC establish and grow successfully

APNIC 11 is held in Kuala Lumpur, Malaysia, in conjunction with APRICOT 2001

The membership structure is further refined and expanded with the addition of a new "associate tier"

APNIC removes the account start-up fees to help lower the bar to enter into APNIC membership

The membership structure is expanded again to include Very Small and Extra Large categories to provide more options to accommodate different sizes of organization.

APNIC 12 is held in Taipei, Taiwan.

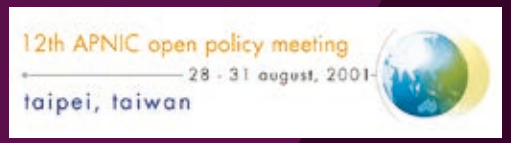
APNIC introduces a new membership agreement after a two-year consultation period. The new agreement makes clearer statements of the democratic principles underlying APNIC's activities and helps strengthen the central role of the policy development process

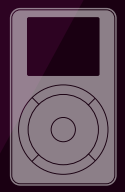
APNIC conducts the second Member and Stakeholder Survey

APNIC issues the first APSTER newsletter

11 Kuala Lumpur, Malaysia

12 Taipei, Taiwan





Apple's iPod released - would eventually become the most popular portable media player on the market

Wikipedia goes online

The Dotcom Crash wipes billions off the tech stock market

3G network technology becomes available for commercial use first in Japan.

STATISTICS

699	31	220	25	360
Members	Staff	ASN	IPv6	IPv4

APNIC

2002

APNIC launches the MyAPNIC Member portal and a multilingual helpdesk

APNIC 13 is held in Bangkok, Thailand, in conjunction with APRICOT 2002

APNIC launches a multilingual Helpdesk service to reflect the diversity of both APNIC staff and its membership

The MyAPNIC Member services website significantly streamlines account administration, billing, and resource services for Members

APNIC 14 is held in Kitakyushu, Japan

APNIC announces a new trial project with the Internet Software Consortium (ISC) to deploy new instances of the F-Root server across the region

APNIC joins the Internet Routing Registry (IRR) to assist with route filtering and router configuration

APNIC adds IPv6 to the apnic.net nameserver

LACNIC becomes the 4th RIR

LACNIC

My APNIC

13 Bangkok, Thailand

APNIC Open Policy Meeting
3 - 7 March 2002 • Bangkok Thailand

14 Kitakyushu,Japan

APNIC Open Policy Meeting
3 - 6 September 2002 Kitakyushu - Japan

€

The Euro enters circulation

The world's first cyborg is created

The dwarf planet Quaoar is discovered

STATISTICS

767	33	203	86	301
Members	Staff	ASN	IPv6	IPv4

APNIC

2003

APNIC expands its training program to meet Member demand and now includes three levels of Internet resource management courses and a comprehensive DNS workshop

APNIC 15 is held in Taipei, Taiwan, in conjunction with APRICOT 2003

APNIC 16 is held in Seoul, Korea

APNIC enters into a MoU with the three other RIRs to form the Number Resource Organization (NRO)

APNIC deploys two F-root nameservers in Taipei and Singapore bringing the total number of instances to five in the region

APNIC enters into an agreement with Netnod Autonomica to jointly deploy I-root servers

APNIC becomes one of the first organizations to become an International Telecommunication Union (ITU) Sector-D member

The RIR Boards revise the NRO MoU to undertake joint activities, including joint technical projects, liaison activities, and policy coordination

SANOG, the network operations group for South Asia, holds its first meeting in Kathmandu, Nepal

NRO

15 Taipei, Taiwan

16 Seoul, Korea

Concorde makes its last commercial flight, bringing the era of airliner supersonic travel to a close, at least for the time being

The human genome sequenced

STATISTICS

Members	Staff	ASN	IPv6	IPv4
879	40	198	50	422

APNIC

2004

APNIC introduces live transcription at APNIC Meetings to encourage wider participation from the membership, especially during the Policy SIG sessions

APNIC 17 is held in Kuala Lumpur, Malaysia, in conjunction with APRICOT 2004

APNIC 18 is held in Nadi, Fiji

PacNOG establishes a mailing list for ISP operations engineers in the Pacific region following APNIC 18

APNIC helps establish I-root server instances in Brisbane, Jakarta, Kuala Lumpur, and Singapore

A new ASO MoU between ICANN and the NRO creates the NRO Number Council (NC)

Training services expand to over 25 economies

APNIC participates in the United Nations World Summit on the Information Society (WSIS) process

APNIC receives "Consultative Status" recognition by the United Nations Economic and Social Council (ECOSOC). Consultative status provide NGOs with access to various United Nations human rights mechanisms

17 Kuala Lumpur, Malaysia

18 Nadi, Fiji

Facebook is launched

Motorola RAZR V3 is released

"Web 2.0" emerges

Measuring 509m (1,671 ft) to the tip of its spire, Taipei 101 becomes the tallest building in the world. It is the first skyscraper to break the half-kilometer mark.

STATISTICS

Members	Staff	ASN	IPv6	IPv4
978	44	186	57	568

APNIC

2005

APNIC reaches the significant milestone of 1,000 Members

APNIC 19 is held in Kyoto, Japan, in conjunction with APRICOT 2005

APNIC 20 is held in Hanoi, Vietnam

APNIC collaborates with the RIPE NCC to deploy the K-root

APNIC begins applying digital certificate technology to certify Internet number resources, following the model provided by RFC3779

AFRINIC emerges as the 5th RIR

APNIC participates as part of the NRO in the WSIS Exhibition's ICT4ALL Internet Pavilion in Kram PalExpo as a way of increasing knowledge of the Internet model of development

APNIC Helpdesk deploys live webchat

AfriNIC
The Internet Numbers Registry for Africa

19 Kyoto, Japan

20 Hanoi, Vietnam

YouTube

YouTube - the online video sharing and viewing community - is invented by Steve Chen, Chad Hurley and Jawed Karim. The first YouTube video posted was posted by co-founder Jawed Karim at the San Diego Zoo. It was uploaded on April 23, 2005.

1,018 million internet users, 15.7% of the population

France has the fastest bandwidth at 200,000 Mbs, with China at 136,106 Mbs

STATISTICS

Members	Staff	ASN	IPv6	IPv4
1157	46	245	51	705

APNIC

2006

To reach an even broader audience, APNIC begins trialling web-based training delivery, known as eLearning

APNIC 21 is held in Perth, Australia, in conjunction with APRICOT 2006

APNIC 21 features the first of many sessions dedicated to fee discussions

APNIC 22 is held in Kaohsiung, Taiwan

APNIC holds a major panel session at APNIC 22 titled "IPv4 exhaustion: what's the real story", featuring Paul Wilson, Tomoya Yoshida, Maemura Akinori, and Geoff Huston

APNIC Helpdesk launches a VoIP telephony system for all Members, allowing free phone calls to the Helpdesk

The NRO, ICANN and ISOC jointly host a new Internet Pavilion at the ITU Telecom World event in Hong Kong

APNIC holds 38 training sessions in 17 locations

APNIC takes action to improve the routability of newly allocated address space and clean up poor nameserver configurations

21 Perth, Australia

22 Kaohsiung, Taiwan

The first tweet was written by co-founder Jack Dorsey on March 21, 2006

The one billionth song is purchased from Apple iTunes

Pluto is demoted to "dwarf planet" status

Google purchases YouTube for US$1.65 billion in stock

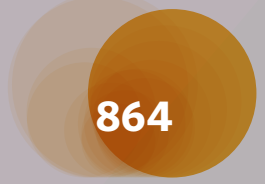
STATISTICS

Members

Staff

ASN

IPv6



IPv4

APNIC

2007

At APNIC 24 in New Delhi, the APNIC community resolves to actively promote the adoption of IPv6 and focus efforts on the comprehensive deployment of IPv6 in the region

APNIC 23 is held in Bali, Indonesia, in conjunction with APRICOT 2007

APNIC 24 is held in New Delhi, India, in conjunction with SANOG 10

The APNIC EC determines that APNIC fees will be set in Australian dollars

APNIC launches "Apstats" to graphically display live, interactive reports of APNIC's resource and membership statistics

The APNIC community adopts a policy to begin the phased introduction of 4-byte ASNs

In 2007, networks in China become the largest consumers of IPv4 addresses in the region

APNIC deploys the Nominium authoritative nameserver to meet rigorous security and stability requirements in the Asia Pacific region

APNIC now supports over 20 root nameserver deployments

APNIC membership reaches 1,500

23 Bali, Indonesia

24 New Delhi, India

Apple Introduces the iPhone on June 29th

Amazon releases the kindle

Singapore Airlines is the first airline to fly the new Airbus passenger jet A380 on scheduled service between Singapore and Sydney, Australia

By the end of 2007, ecommerce sales accounted for 3.4 percent of total retail sales.

STATISTICS

Members

Staff

ASN

IPv6

IPv4

APNIC

2008

APNIC introduces the IPv6 Program to meet the changing demands of the community and to help Members transition smoothly to IPv6

APNIC urges operators and service providers to "begin planning for this transition as soon as practically possible" so they are able to provide IPv6 support and IPv6 services by 2010

APNIC 25 is held in Taipei, Taiwan in conjunction with APRICOT 2008

APNIC hosts its inaugural Internet governance meeting, "Partnering toward IGF in Asia"

APNIC 26 is held in Christchurch, New Zealand

IPv6 connectivity showcases at the Open Policy Meetings

IPv4 consumption dominates policy discussions

The first phase of the Resource certification project goes public with MyAPNIC upgraded to include GUI-based access to resource certification

APNIC joins the 6DEPLOY project, part of the European Union's 7th Framework Program, as a sponsoring partner

APNIC extends the RIPE NCC test Traffic Measurement (TTM) project by helping to establish and operate 12 servers around the Asia Pacific region

APNIC launches the Information Society Innovation Fund (ISIF) to help advance local and regional Internet technology projects for the benefit of Asia Pacific users and communities

25 Taipei, Taiwan

26 Christchurch, New Zealand

The Large Hadron Collider (LHC), the world's largest and highest-energy particle accelerator, is considered "one of the great engineering milestones of mankind". Built by the European Organization for Nuclear Research (CERN)

In March, the BGP table passes 250,000 prefixes for the first time

Internet access is disrupted in the Middle East and India due to breaks in submarine cable systems in the Mediterranean

By 2008 Google had processed over 1,000,000,000,000 (one trillion) unique URLs, while the number of individual web pages was growing by several billion per day and the number of individual users had reached nearly 1.5 billion

STATISTICS

APNIC

2009

As APNIC's primary method of sharing valuable information, the apnic.net website is redeveloped, driven by a robust content management system

APNIC 27 is held in Manila, Philippines, in conjunction with APRICOT 2009

APNIC 28 is held in Beijing, China

APNIC participates in the ITU World Technology Policy Forum as an ITU-D sector member, by responding on behalf of the RIRs to the Telecommunication Standardization Bureau questionnaire on IPv6 address allocation

MyAPNIC undergoes a redesign

The APNIC community adopts a proposal which provides for a sanctioned approach to address resource transfers

APNIC's makes available all of its online services via native IPv6

APNIC starts a phased project to implement Domain Names Security (DNSSEC) Extensions to establish authenticity and integrity of the domain system data

APNIC starts assigning 4-byte ASNs by default when receiving requests

APNIC and the RIPE NCC announce they are running RPKI prototypes in an effort to secure the Internet's routing system

27 Manila, Philippines

28 Beijing, China

Scientists engineer new plastics without the use of fossil fuels

The mouse genome is sequenced

3D scanning enters the consumer market

The first exoplanet that could contain liquid water is discovered

Sina Weibo is established

STATISTICS

APNIC

2010

APNIC launches "Kickstart IPv6" to make the IPv6 deployment process as easy as possible

"Kickstart IPv6" means that existing IPv4 holders can automatically receive an IPv6 allocation through the MyAPNIC website.

APNIC 29 is held in Kuala Lumpur, Malaysia, in conjunction with APRICOT 2010

APNIC holds a community consultation at APNIC 29 to encourage multistakeholder input into ITU IPv6 discussions

APNIC 30 is held at the Gold Coast, Australia

APNIC makes 402 kickstart allocations to more than 25 economies, including 12 economies that receive their first allocation

With the implementation of the new fee schedule, from 1 January 2010, APNIC develops a new Fee Calculator to assist Members with calculating their fees

APNIC is a co-organizer of the Asia Pacific regional IGF (APrIGF)

APNIC participates in three ITU-related processes, discussing matters including IP addressing and cybersecurity (IPv6 Group, WTDC, ITU Plenipotentiary (PP-10)

APNIC relocates to its new premises in South Brisbane

29 Kuala Lumpur, Malaysia

30 Gold Coast, Australia

Apple debuts the iPad

Scientists create synthetic life

Scientists trap antimatter

Speech-to-speech translation is common in mobile phones

1,966 million Internet users, 28.7% of the population

STATISTICS

APNIC

2011

APNIC's request to IANA for two unused /8 blocks of IPv4 triggers the final global distribution policy where IANA makes an equal and final allocation to the five RIRs

APNIC 31 is held in Hong Kong in conjunction with APRICOT 2011

APNIC 32 is held in Busan, South Korea

The NRO announces in February that the free pool of available IPv4 space is fully depleted

In April, APNIC makes its last regular IPv4 allocation and starts allocating from the last /8 block

APNIC launches APNIC Labs in response to one of the five priorities revealed from the 2009 Member and Stakeholder Survey

APNIC launches the IPv6 Capability Tracker in time for World IPv6 Day

APNIC completes DNSSEC implementation, allowing APNIC Members to "digitally sign" their DNS records

ISIF Asia introduces the ISIF Asia Awards to acknowledge the important contributions ICT innovators have made with creative solutions to the social and economic development of the Asia Pacific region

APNIC Training: 2,599 participants (eLearning and Face-to-Face), 36 locations

31 Hong Kong

32 Busan, South Korea

The world's first synthetic transplant occurs

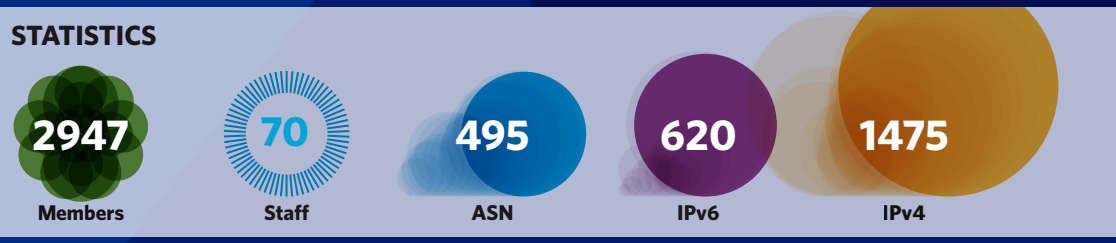
7,000,000,000

Global population reaches 7 billion

Multi-touch surface computing enters the consumer market

Estimated total online retail sales of merchandise during 2011 at $188.1 billion

STATISTICS



APNIC

2012

APNIC's service offering expands to include transfers with APNIC establishing a sanctioned mechanism to allow transfers of IPv4 addresses both intra and inter-regionally

APNIC 33 is held in New Delhi, India, in conjunction with APRICOT 2012

APNIC 34 is held in Phnom Penh, Cambodia, with the first ever, highly successful, workshop week

APNIC and the RIPE NCC formalize a close working relationship with a MoU

ISIF Asia joins with AFRINIC's FIRE and LACNIC's FRIDA programs to form the Seed Alliance to promote innovation and support Internet development on a wider scale

APNIC processes the first inter-RIR transfer between the ARIN region and an APNIC Member

APNIC launches a transfer broker registration service, complemented by a pre-approval service that allows recipients to seek pre-approval of their IPv4 address needs

APNIC participates in the World IPv6 Launch as a website operator

APNIC Chief Scientist, Geoff Huston, is inducted into the Internet Hall of Fame

APNIC participates on behalf of the NRO in the World Conference on Telecommunications (WCIT-12), helping to inform discussion about updates to International Telecommunications Regulations

33 New Deli, India

34 Busan, South Korea

Twitter reaches the half billion accounts mark in June 2012. Jakarta is the top city by number of Tweets followed by Tokyo and London

2,405 million Internet users, 34.3% of the population

STATISTICS

Members	Staff	ASN	IPv6	IPv4
3534	71	581	562	1075

APNIC

1993 **20** 2013

2013

As of June 2013, research suggests that 1.29% of Internet users (about 29.3 million people) prefer "to use IPv6 when presented with a dual stack object to fetch". It is not the end of the IPv4 era, either for APNIC as a registry or its Members

APNIC 35 is held in Singapore as part of APRICOT 2013

APNIC celebrates its 20th anniversary at APNIC 36 in Xi'an, China

By early 2013, almost 48% of APNIC Members held both IPv4 and IPv6 address space - compared with RIPE NCC (62%), LACNIC (54%), ARIN (38%) and AFRINIC (32%)

APNIC receives ISO 9001:2008 Certification. ISO 9001 is an internationally recognized quality management standard that provides assurance that APNIC has the type of management systems in place to deliver a quality experience for all Members and stakeholders

APNIC's Vision

For a global, open, stable, and secure Internet that serves the entire Asia Pacific community

35 Singapore

36 Xi'an, China

Sina Weibo passes 500 Million users

STATISTICS

Members	Staff	ASN	IPv6	IPv4
3779	68	306	255	744

APNIC

2014

The US government signals its intention to transition the stewardship of the IANA functions to the global Internet community. The IANA IPv4 Recovered Pool is triggered. Many APNIC Members request and receive additional blocks of IPv4 space

APNIC 37 is held in Petaling Jaya, Malaysia, as part of APRICOT 2014

APNIC 38 is held in Brisbane, Australia

In May, IANA's Recovered Pool of IPv4 addresses to the RIRs is triggered when LACNIC's pool of available IPv4 space falls below a /9. APNIC receives a /11, allowing APNIC Members to request a small block of IPv4 space

APNIC participates in the NetMundial Conference in April 2014

The US Department of Commerce's National Telecommunications and Information Administration (NTIA) announces its intention to transition the IANA functions from the US government's stewardship to the Internet community

Paul Wilson is appointed to the IANA Stewardship Transition Coordination Group (ICG), responsible for coordinating the development of a proposal among the communities affected by the IANA functions

37 Jaya, Malaysia

38 Brisbane, Australia

40% of world's population with Internet access

3B Internet users; two-thirds of world's Internet users are from developing economies

3,000,000,000

Mobile cellular subscriptions reach almost 7B (3.6B in AP region)

STATISTICS

Members	Staff	ASN	IPv6	IPv4
4,051	70	646	484	3914

APNIC

2015

Maemura Akinori and Che-Hoo Cheng retire from the APNIC Executive Council after 16 and 18 years of service respectively. APNIC membership reaches a milestone, surpassing 5,000 direct Members

APNIC 39 is held in Fukuoka, Japan, as part of APRICOT 2015.APNIC 40 is held in Jakarta, Indonesia. This is the largest ever stand-alone APNIC conference, with 529 attending

APNIC launches a new fee schedule with reductions in fees for all account holders. APNIC direct membership exceeds 5,000 organizations in August 2015

Long-standing APNIC Executive Council members, Maemura Akinori and Che-Hoo Cheng, retire from the EC. APNIC recognizes their contribution and gives sincerest thanks for their leadership

APNIC improves MyAPNIC by increasing speed and responsiveness; modernizing the design; and simplifying tools to manage whois objects.

APNIC implements instant feedback service mechanisms to provide timely feedback and further improve services to Members

The APNIC Blog wins 'Best Blog' at the Asia Pacific Excellence Awards in Singapore

39 **Fukuoka, Japan**

40 **Jakarta, Indonesia**

42.4% of world's population with Internet

3.2B Internet users

3,200,000,000

7B+ mobile cellular subscriptions

STATISTICS

Members	Staff	ASN	IPv6	IPv4
5268	76	881	785	4498

APNIC

2016

A historic milestone is reached with the successful transition of the IANA functions. APNIC welcomed its 6,000th Member during the year. 2016 also set new records in the number of delegations across IPv4, IPv6, and ASNs, with IPv6 growth surging

APNIC 41 is held in Auckland, New Zealand, as part of APRICOT 2016

APNIC 42 is held in Colombo, Sri Lanka

APNIC expands its training services with the development of a new online training portal, APNIC Academy, and the expansion of face-to-face training with nine recognized Internet operational experts volunteering as Community Trainers

The global Internet community celebrates the successful conclusion of the IANA stewardship transition, which occurs at midnight on 30 September 2016

The APNIC Executive Council passes the "Colombo Declaration" to thank the APNIC community for its important contribution to the transition

The APNIC Foundation is officially incorporated in Hong Kong in September. The Foundation aims to secure alternative sources of funding to support APNIC's development services to meet increasing demand for training, infrastructure support, and technical assistance

APNIC works closely with the Tongan community on the creation of the first CERT in the Pacific Islands, CERT.to

41 Auckland, New Zealand

42 Colombo, Sri Lanka

47% of world's population with Internet

3.4B Internet users

3,400,000,000

STATISTICS

5,994	75	1,516	1,644	3,457
Members	Staff	ASN	IPv6	IPv4

APNIC

2017

Improving the APNIC registry, growing regional IPv6 capability, increasing community participation, and enhancing resource data and statistics reporting are the key aims for APNIC in 2017, reflecting the theme 'Building the NIC in APNIC'

APNIC 43 is held in Ho Chi Minh City, Viet Nam, as part of APRICOT 2017

APNIC 44 is held in Taichung, Taiwan

APNIC launches the APNIC Academy, with 1,852 enrolling in the first two courses, and 318 receiving a completion certificate

APNIC focuses on improving the APNIC registry, upgrading the whois server codebase, implementing a new 'organization object' and rolling out, 'whowas', a new interface that allows users to view the history of registry records in a timeline format

IPv6 deployment growth remains a key aim with the percentage of Members holding IPv6 increasing from 50% to 57% and total regional IPv6 capability rising from 7% to 19%

The APNIC Foundation welcomes three members to the APNIC Foundation Board: Ms Sylvia Sumarlin from Indonesia, who is the Chair of the Federasi Teknologi Informasi Indonisia; Mr Edward Tian from China, who is the founder and Chairman of China Broadband Capital Partners; and Mr Sharad Sanghi from India, who is Managing Director and CEO of Netmagic

43 Ho Chi Minh City, Viet Nam

44 Taichung, Taiwan

50% of world's population with Internet

3.8B Internet users worldwide

3,800,000,000

4.9B unique mobile users worldwide; 3.9B mobile subscriptions in the Asia Pacific

STATISTICS

Members	Staff	ASN	IPv6	IPv4
6,557	77	1,226	1,377	2,235

APNIC

2018

Supporting network security across the region was a priority, including increasing RPKI and ROA adoption, through training, engagements and collaboration

APNIC 45 is held in Kathmandu, Nepal, as part of APRICOT 2018

APNIC 46 is held in Nouméa, New Caledonia

IPv6 adoption increased, with the proportion of Members holding IPv6 resources reaching 61% and total IPv6 capability reaching 22%

Members with resource certificates grew to 21.9% up from 13% in 2017, and those with Route Origin Authorizations (ROAs) grew to 11.3%, up from 7.4% in 2017

APNIC focuses on Pacific engagement and support in 2018, with new CERTs officially launched in PNG and Vanuatu, 21 training sessions in 9 Pacific economies, and training held for the first time in Tokelau

45 Kathmandu, Nepal

46 Nouméa, New Caledonia

Blockchain technology is invented to protect cryptocurrency transactions

5G, the fifth generation of wireless technology is developed. It promises speeds in excess of 1Gbps

STATISTICS

7,162	80	912	1,430	2,199
Members	Staff	ASN	IPv6	IPv4

APNIC

2019

Routing security was in the spotlight, with APNIC 48 dedicating several sessions to RPKI. Policy developments caused significant changes to IPv4 delegations, but IPv6 adoption continued its steady growth

APNIC 47 is held in Daejeon, South Korea, as part of APRICOT 2019

APNIC 48 is held in Chiang Mai, Thailand

For the first time APNIC held an RPKI Deployathon and ROA Signing Social at APNIC 48. A Routing Security SIG was also formed

Maximum IPv4 delegations were reduced from a /22 to a /23 as a result of policy changes

The IPv4 recovered address pool and waiting list was abolished with all remaining and recovered IPv4 addresses being managed in a single pool

APNIC's Product Management approach was fully adopted in 2019, with separate cross-functional teams dedicated to Registry, Membership and Information Products

47 Daejeon, South Korea

48 Chiang Mai, Thailand

IBM announces the first commercial quantum computer, the IBM Q System One

STATISTICS

Members	Staff	ASN	IPv6	IPv4
7,776	77	1,560	1,472	2,027

APNIC

2020

2020 was defined by the COVID-19 pandemic and highlighted the critical importance of the Internet. APNIC adapted to new ways of working, while continuing to focus on RPKI and IPv6 deployment

APNIC 49 is held in Melbourne, Australia, as part of APRICOT 2020

APNIC 50 becomes the first time an APNIC conference is provided wholly online

APNIC and 21 NOGs host 'Networking from Home', an online event series for sharing of technical expertise and experience, following the cancellation or postponement of Asia-Pacific NOG events

APNIC offered live online training (46 tutorials and 18 webinars), in addition to the APNIC Academy courses, training 4,982 participants

APNIC recovered around 1.1M IPv4 addresses (which were added to the available IPv4 pool) as a result of the IPv4 reclamation project

RPKI adoption continued to grow with the percentage of Members with ROAs advancing from 27.2% to 50.67%. Mongolia achieved 100% ROA coverage in October 2020

The Asia Pacific Internet Development Trust (APIDT), a joint initiative of WIDE and APNIC, was established to support Internet development in the Asia Pacific region

49 Melbourne, Australia

50 Online

During the height of COVID-19, Zoom's daily participants jumped from 10M to over 200M in three months

STATISTICS

8,341	87	1,132	1,467	2,005
Members	Staff	ASN	IPv6	IPv4

APNIC

2021

The COVID pandemic continued to disrupt life in 2021; 'Work from Home' was the new normal around the region, proving again the importance of a stable and secure Internet

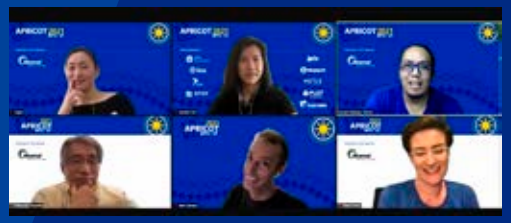
APNIC 51 and APNIC 52 are both held as online events

An expanded online five-month fellowship program was launched, with 46 fellows (52% female) participating in a structured schedule of training and mentoring

488,704 unrouted and unused IPv4 addresses were reclaimed as part of the IPv4 reclamation project

36% of IPv4 address holders and 22% of IPv6 address holders have ROAs, up from 24% and 17% in 2020, respectively

PING, a new podcast covering Internet measurement and research, is launched



51 Online

52 Online

4,700,000,000

Internet users grew by more than 330M over 2021, reaching a total of more than 4.7B

STATISTICS

8,768	111	6,808	1,398	2,532
Members	Staff	ASN	IPv6	IPv4

APNIC

2022

2022 saw a return to face-to-face engagements following COVID-19, including APNIC 54, which was held with APSIG 2022 and the APrIGF 2022 for the first time

APNIC 53 was held online as part of APRICOT 2022

APNIC 54 was held in Singapore as a hybrid offering (face-to-face and online), together with APSIG 2022 and the APrIGF 2022

The 2022 APNIC Survey had 1,622 responses, with Member satisfaction continuing to rate very highly

APNIC launched the new online community platform, Orbit

Internal security at APNIC was upgraded, with ISO27001 Information Security Management System certification achieved

The MyAPNIC user interface was overhauled with a new dashboard developed

53 Online

54 Singapore

65.6%

of the world's total population can access the Internet

STATISTICS

9,268	138	6,808	1,398	2,532
Members	Staff	ASN	IPv6	IPv4

APNIC

2023

2023 was defined by a combination of stronger organizational governance structures, greater Member power on by-law reform, and sustainable financial management

APNIC 55 was held in Manila, Philippines as part of APRICOT 2023

APNIC 56 was held in Kyoto, Japan

Members voted overwhelmingly in favour of five resolutions to amend the APNIC By-laws to strengthen EC election processes and eligibility criteria for EC nominees

The EC Fee Review Sub-committee was formed to address the ongoing impacts of high inflation on APNIC's expenses, and their recommendations were adopted

APNIC celebrated its 30th anniversary at APNIC 56, and honoured those who were involved in APNIC's creation

A new strategic plan for 2024-2027 was developed with four new pillars: Registry, Development, Engagement and Capability

55 The Philippines

56 Japan

Average daily Internet use:
6 h and 37 min

STATISTICS

9,944	134	844	1,353	1,927
Members	Staff	ASN	IPv6	IPv4

APNIC

2024

2024 was an important year of change for APNIC, with Jia Rong Low appointed as Director General in October, becoming the organization's first new leader in more than 25 years

APNIC 57 was held in Bangkok, Thailand as part of APRICOT 2024

APNIC 58 was held in Wellington, New Zealand

The ASO AC began the process to update ICP-2 (Internet Coordination Policy-2) by defining core principles and seeking community feedback, with APNIC supporting the ASO AC and NRO through the development of draft principles, community consultation at APNIC 58, and promotion of a global survey

Delegation audits commenced across the APNIC registry and National Internet Registries (NIRs), reinforcing APNIC's commitment to registry accuracy, resource stewardship, and compliance with community-developed policies

APNIC launched a new Registry API and enhanced MyAPNIC, enabling Members to automate resource management and simplify administrative tasks

The APNIC Blog celebrated its tenth anniversary, having grown into a leading Internet operations publication attracting more than 1.2 million views a year, with contributions from across the Asia Pacific community

57 Bangkok, Thailand

58 Wellington, New Zealand

5.5 billion
people have access to the Internet (68% of the world population)

Gender parity in Internet use:

World
Female 65% | Male 70%

Asia Pacific
Female 64% | Male 68%

STATISTICS

Members	Staff	ASN	IPv6	IPv4
10,170	137	719	1,266	1,672

APNIC

2025

In 2025, IPv6 capability exceeded 50% across all 56 APNIC economies for the first time, marking a historic milestone in the region's 25-year transition to IPv6 and a significant achievement for the Asia Pacific Internet community

APNIC 59 was held in Petaling Jaya, Malaysia as part of APRICOT 2025

APNIC 60 was held in Da Nang, Viet Nam

The ICP-2 review progressed through two rounds of global community consultation, with strong participation from APNIC Members helping shape the development of the future RIR Governance Document

Community consultation was undertaken on proposed APNIC By-law changes, including extending Executive Council terms from two to three years and introducing term limits to strengthen governance and succession planning

A Policy Fellowship pilot was launched at APNIC 60, bringing new participants into the Policy Development Process through mentoring and hands-on engagement with community policy discussions

APNIC contributed to the WSIS+20 review process, advocating for the multistakeholder Internet governance model and the role of the technical community in shaping the Internet's future

59 **Petaling Jaya, Malaysia**

60 **Da Nang, Viet Nam**

78 to 88%
of organizations reported using AI in at least one business function (Stanford AI Index Report).

STATISTICS

Members	Staff	ASN	IPv6	IPv4
10,330	110	660	1,247	1,400