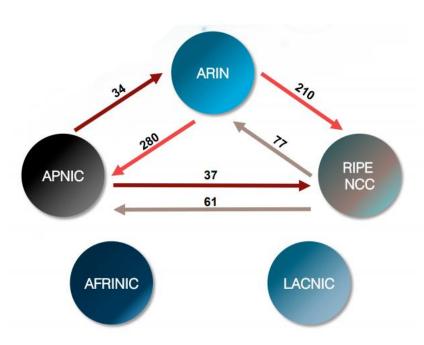


National Internet Registries (RIRs)



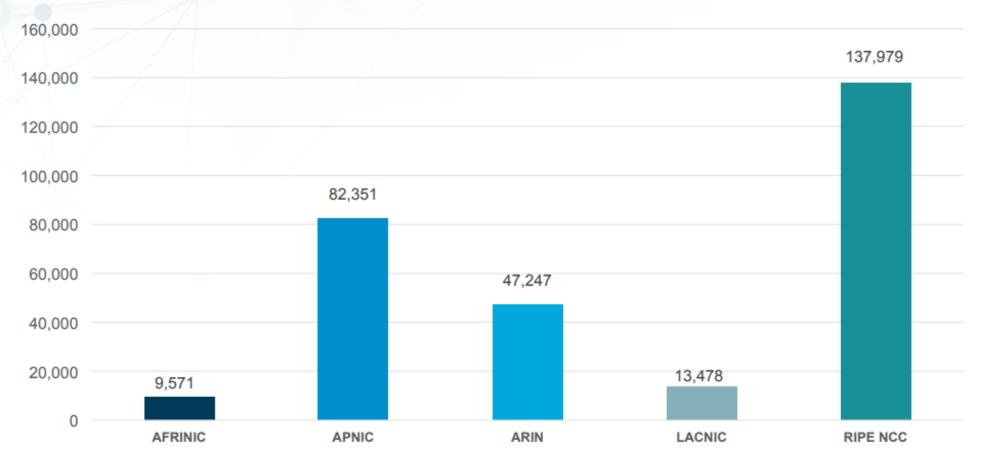


ICANNASO

Address Supporting Organization

Total IPv6 Space Currently Allocated

Total IPv6 space (in /32s) each RIR has allocated

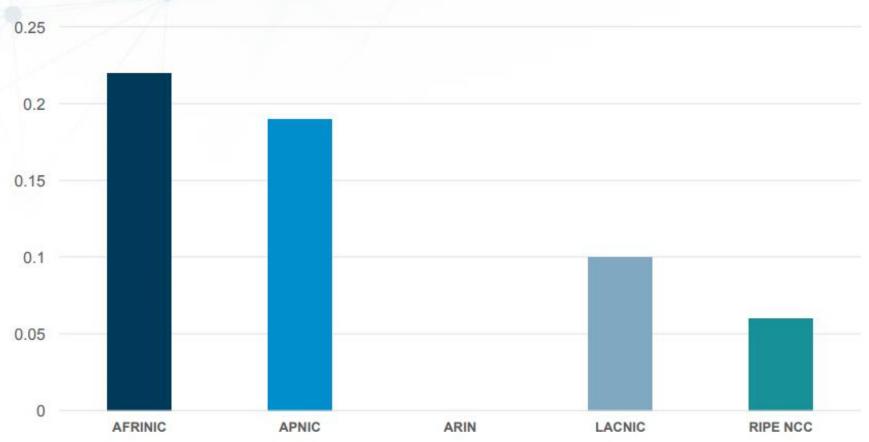


ICANN ASO

Address Supporting Organization

IPv4 Space Currently Available in Each RIR

Measured in /8s

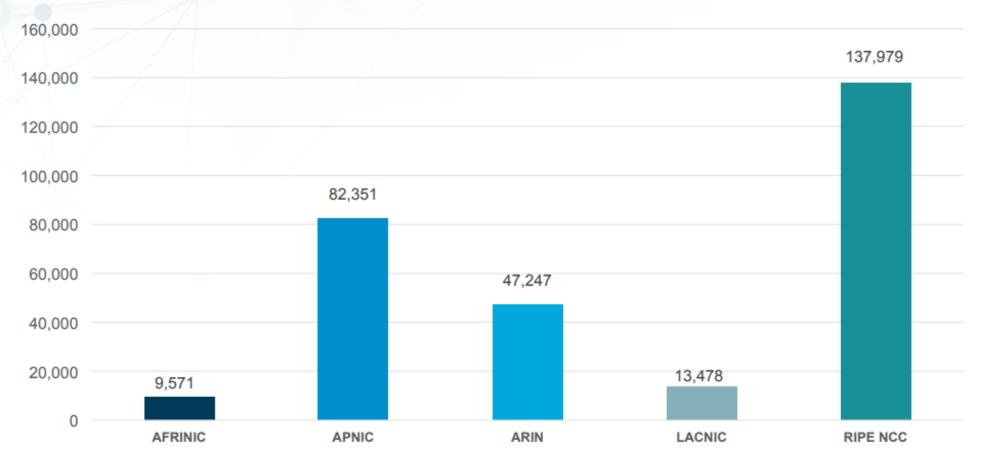


ICANNASO

Address Supporting Organization

Total IPv6 Space Currently Allocated

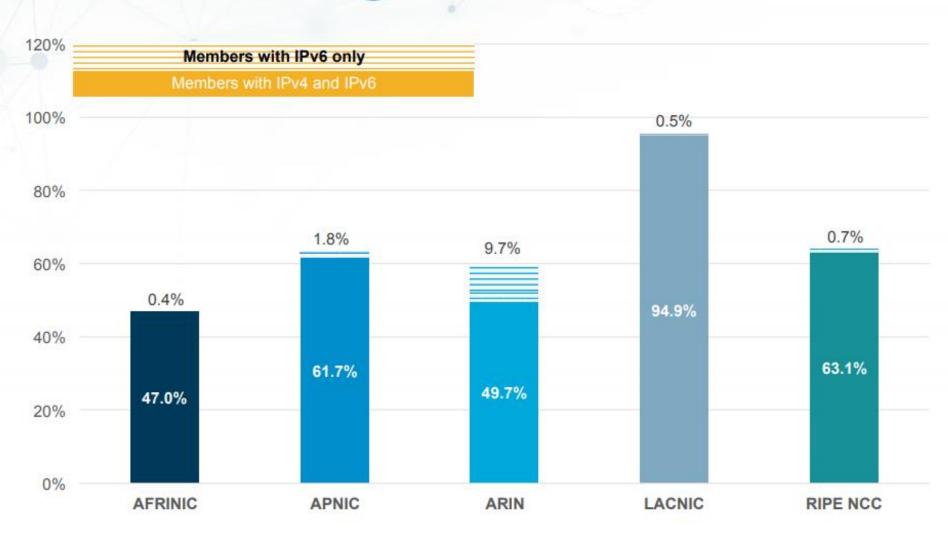
Total IPv6 space (in /32s) each RIR has allocated



ICANN ASO

Address Supporting Organization

Percentage of Members with IPv6



M: 0 ASN: 0 IPv4: 405 IPv6: 0 S: 1

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. - RFC1466

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

1994

M: 27 ASN: 1 IPv4: 513 IPv6: 0 S: 2

1995

M: 55 ASN: 47 IPv4: 993 IPv6: 0 S: 3



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



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

1996

M: 114 ASN: 63 IPv4: 1050 IPv6: 0 S: 5

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

1998

1999

2000

M: 602 ASN: 230 IPv4: 353 IPv6: 14 S: 23

M: 200 ASN: 98 IPv4: 274 IPv6: 0 S: 5

M: 249 ASN: 108 IPv4:166 IPv6:0 S: 6

M: 396 ASN: 128 IPv4: 232 IPv6:5 S: 12

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

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

You can create a live journal on LiveJournal.com

6,000,000,000

The human population of the world surpasses six billion



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

2002

2003

2004

M: 699 ASN: 220 IPv4: 360 IPv6: 25 S: 31

M: 767 ASN: 203 IPv4: 301 IPv6: 86 S: 33

M: 879 ASN: 198 IPv4: 422 IPv6: 50 S: 40

M: 978 ASN: 186 IPv4: 568 IPv6: 57 S: 44



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.



The Euro enters circulation

The world's first cyborg is created

The dwarf planet Quaoar is discovered



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



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.

2006

2007

2008

M: 1157 ASN: 245 IPv4: 705 IPv6: 51 S: 46

M: 1362 ASN: 298 IPv4: 864 IPv6: 42 S: 46

M: 1584 ASN: 308 IPv4: 917 IPv6: 63 S: 57

M: 1855 ASN: 418 IPv4:984 IPv6:160 S: 62

You Tube

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 cofounder 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



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

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.

The Large Hadron Collider (LHC), the world's largest and highestenergy 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

2010

2011

M: 2947 ASN: 495 IPv4: 1475 IPv6: 620 S: 70

2012

M: 3534 ASN: 581 IPv4: 1075 IPv6: 562 S: 71

M: 2170 ASN: 436 IPv4: 1065 IPv6: 185 S: 63

M: 2521 ASN: 505 IPv4: 1358 IPv6: 643 S: 65

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

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

Each RIR received its last /8 IPv4 address

The world's first synthetic transplant occurs

block from IANA on 3 February 2011

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

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

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

followed by Tokyo and London

2014

2015

2016

M: 3779 ASN: 306 IPv4:744 IPv6:255 S: 68

M: 4051 ASN: 646 IPv4: 3914 IPv6: 484 S: 70

M: 5268 ASN: 881 IPv4: 4498 IPv6: 785 S: 76

M: 5994 ASN: 881 IPv4:4498 IPv6: 785 S: 75

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)

42.4% of world's population with Internet

3.2B Internet users

3,200,000,000

7B+ mobile cellular subscriptions

47% of world's population with Internet

3.4B Internet users

3,400,000,000



2019

M: 6557 ASN: 1226 IPv4: 2235 IPv6: 1377 S: 77

M: 7162 ASN: 912 IPv4: 2199 IPv6: 1430 S: 80

M: 7776 ASN: 1560 IPv4: 2027 IPv6: 1472 S: 77



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

Blockchain technology is invented to protect cryptocurrency transactions



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

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