IPv6 MAKES ROOM FOR THE INTERNET TO GROW!

Every single thing on the Internet—from laptops, to mobile phones, to tablets, to PCs, to cameras, and new TVs—has an IP address. An IP address is what lets these devices communicate with each other as part of the global Internet. Without enough IP addresses, the Internet would be a tangled mess, slowing and complicating connections.

WHO IS USING IPv6?

Past the Tipping Point:

- ASIA PACIFIC (APNIC) - APRIL 2011
- EUROPE AND MIDDLE EAST (RIPE NCC) - SEP 2012
- AMERICAS (ARIN) - FEB 2015
- LATIN AMERICAN (LACNIC) - SEP 2014
- AFRICA (AFRINIC) - NOV 2019

IPv6 HAS OVER 340 TRILLION TRILLION TRILLION ADDRESSES!

IPv6 usage is increasing more rapidly than predicted just two years ago. Since World IPv6 Launch began in 2012, IPv6 connectivity has more than tripled amongst Google users.

IPv6 is the Internet Protocol of the future, because without it there just aren’t enough Internet addresses to go around. As billions more devices and people are Internet-connected, IPv6 momentum continues to grow.

On 6 June 2012, thousands of websites, Internet service providers, and router manufacturers launched a new era for the Internet by participating at the start of World IPv6 Launch, marking a major milestone in the global deployment of the newest edition of Internet Protocol (IP).

Two years later, IPv6 continues to spread, providing the world enough IP addresses to go around, and ensuring the Internet’s continued growth as an innovation and economic development platform.

THE OLD SYSTEM IS RUNNING OUT OF ROOM:

By 2020 there will be:

- 50 BILLION devices online
- 10+ times more devices than IPv4 addresses!
- 4.3 BILLION IPv4 addresses
- 7.1 BILLION people on Earth

And growing by 300,000+ people every day!

IPv6 has over 340 trillion trillion trillion addresses!

IPv4 usage is increasing more rapidly than predicted just two years ago. Since World IPv6 Launch began in 2012, IPv6 connectivity has more than tripled amongst Google users.

IPv6 is the Internet Protocol of the future, because without it there just aren’t enough Internet addresses to go around. As billions more devices and people are Internet-connected, IPv6 momentum continues to grow.

Companies now offering their products and services with IPv6 on by default:

Sources:
- cisco.com
- whatismyipaddress.com
- worldometers.info
- Google
- arin.net
- lacnic.net
- ripe.net
- afrinic.net
- apnic.net
- potaroo.net
- worldipv6launch.org
- sixy.ch
- alexa.com
- akamai.com
- unh.edu
- ipv6.com

Right designed by Sébastien Desbenoit from The Noun Project

iPhone designed by Diego Naive from The Noun Project

Computer designed by Patrick Morrison from The Noun Project

Camera designed by Okan Benn from The Noun Project

WORLD IPv6 LAUNCH

This graph shows the percentage of networks (ASes) that announce an IPv6 prefix for RIR regions, according to RIPE NCC as of 30 April 2014.