



WORLD IPv6 LAUNCH

TWO YEARS AFTER THE FUTURE CHANGED

WWW.WORLDIPV6LAUNCH.ORG

LAUNCHING THE FUTURE

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.

IPv6 MAKES ROOM FOR THE INTERNET TO GROW!

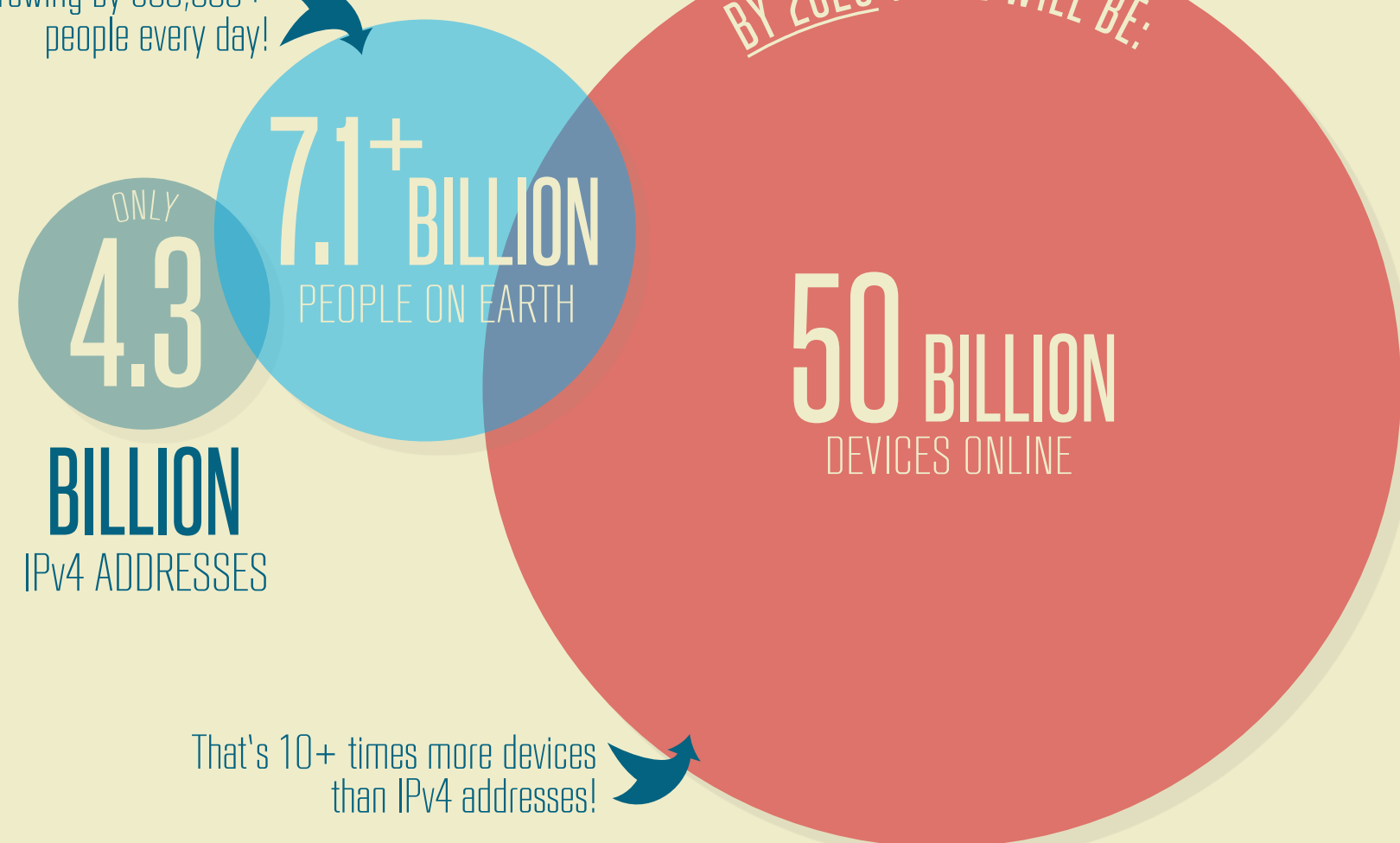


Every single thing on the Internet—from laptops, to mobile phones, to tablets, to PCs, to cameras, and new TVs—has an IP address.

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.

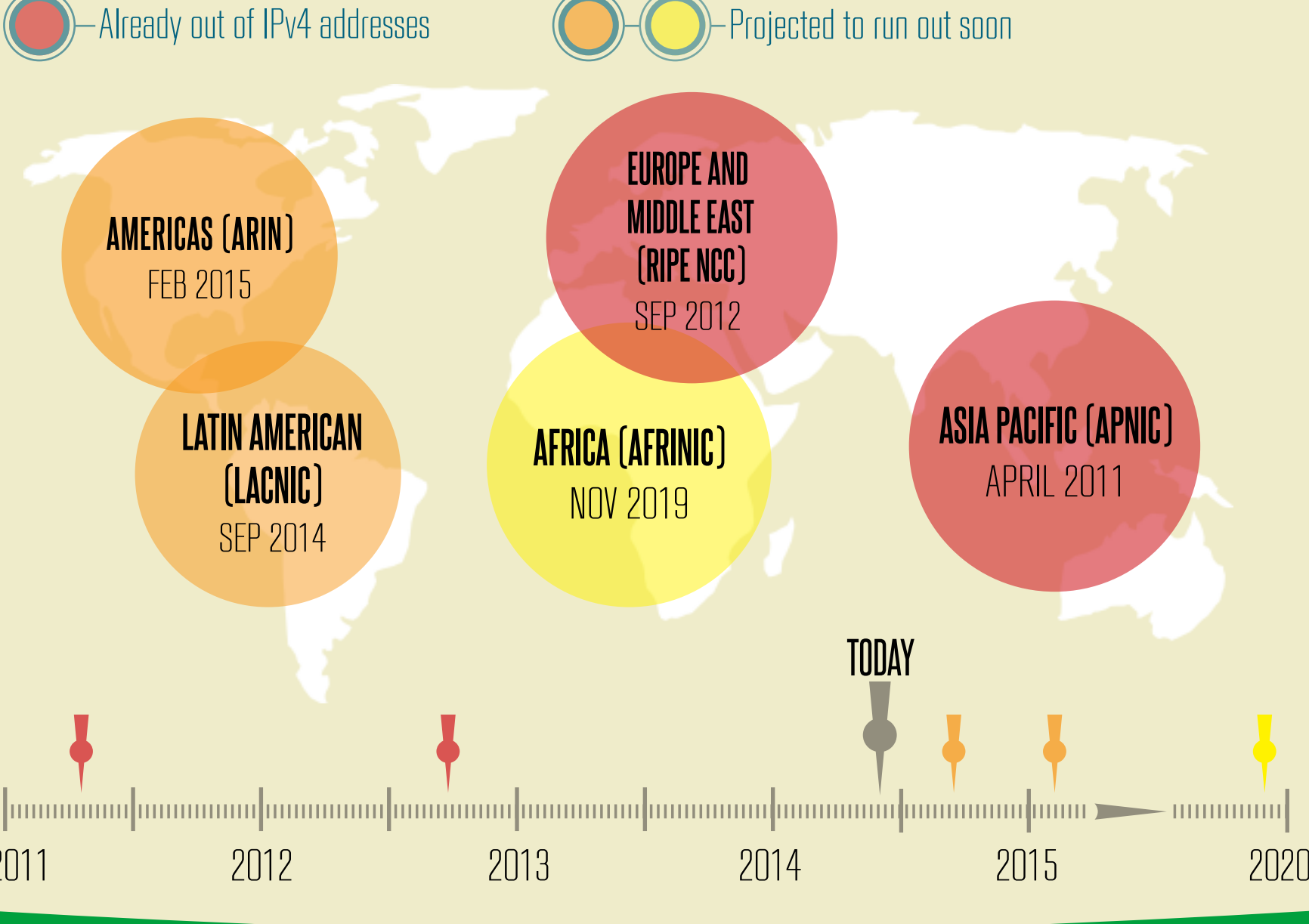
THE OLD SYSTEM IS RUNNING OUT OF ROOM:

And growing by 300,000+ people every day!



Past the Tipping Point:

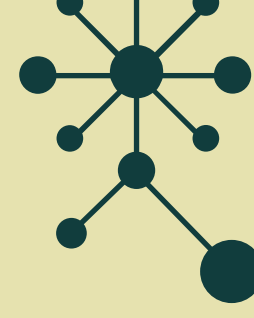
Regional Internet Registries (RIRs) manage the allocation and registration of Internet number resources for 5 regions in the world and some of them are already out of IPv4 addresses, with the rest soon to follow.



IPv6 TO THE RESCUE!

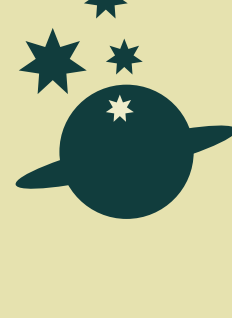
IPv6 HAS OVER 340 TRILLION TRILLION TRILLION ADDRESSES!

HOW MUCH IS THAT?



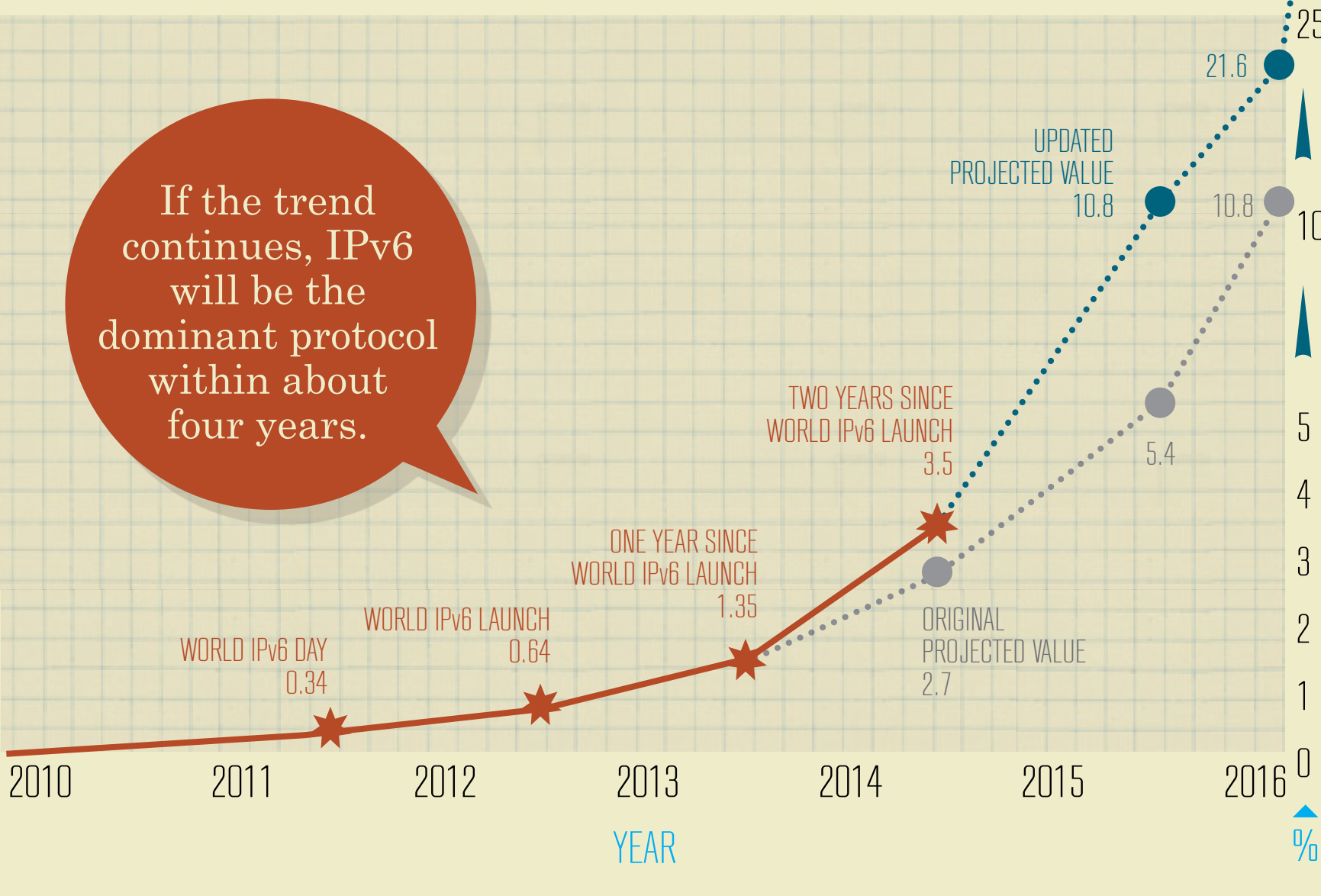
3.4×10^{38} NUMBER OF IPv6 ADDRESSES

An entire IPv4 Internet for every star in the Universe



IPv6 MOMENTUM

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.



WHO IS USING IPv6?

Companies now offering their products

and services with IPv6 on by default:



242 NETWORK OPERATORS

AMONG THEM GLOBAL LEADERS LIKE AT&T, COMCAST, FREE TELECOM, INTERNODE, KDDI, T-MOBILE USA, AND VERIZON WIRELESS



20,000+ WEBSITES

FACEBOOK, GOOGLE, YOUTUBE, YAHOO, AND WIKIPEDIA + 14% OF THE ALEXA TOP 1000 WEBSITES WITH MORE THAN 100,000 IPv6 WEBSITE HITS/SECOND



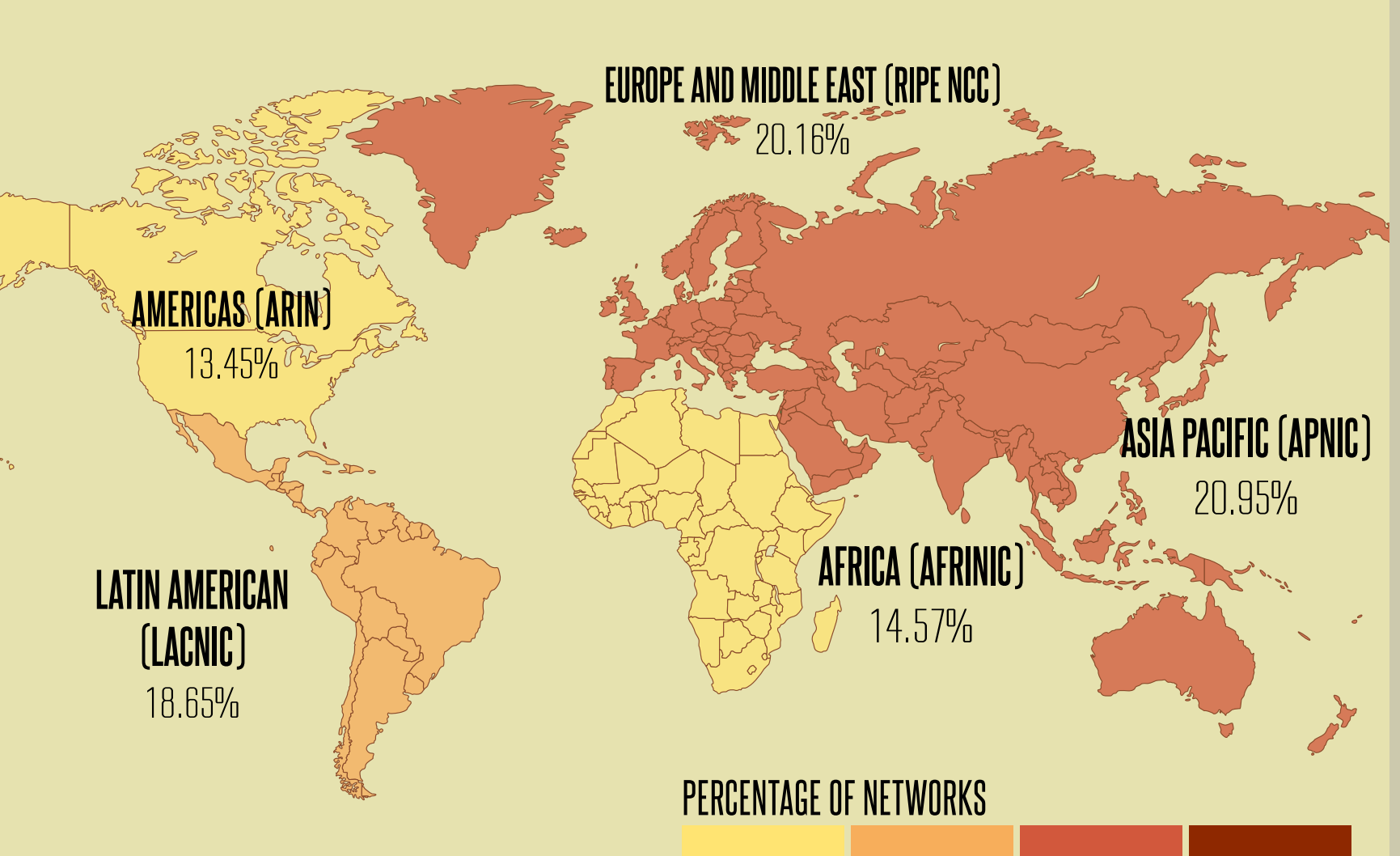
10 HOME ROUTER VENDORS

INCLUDING LINKSYS AND D-LINK

IPv6 GLOBAL REACH

IPv6-ENABLED INTERNET NETWORKS BY REGION

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.



THE FUTURE OF IPv6

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.

Sources: cisco.com · whatismyipaddress.com · worldometers.info · Google · arin.net · lacnic.net · ripe.net · afrinic.net · apnic.net · potaroo.net · worldip6launch.org · sixy.ch · alexa.com · akamai.com · unh.edu · ipv6.com

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