

State of IPv6 Deployment 2018



IPv6 deployment continues to increase around the world. In the six years since World IPv6 Launch¹ levels of IPv6 deployment in networks and service providers all over the globe have increased dramatically.

The top 10 countries using the new protocol include **Belgium, Greece, Germany, the USA, Uruguay, India, Switzerland, Japan, Malaysia, and Brazil.**



Belgium was the first country in the world where the majority of connections to IPv6-capable content providers used IPv6.



In 2012, **less than one in a hundred** connections to Google services used IPv6. Today that number is **nearly one in four**.

Nearly **half a billion people** use IPv6 among just the top 15 ISPs combined. Nearly half of all IPv6 users on the planet today are in **India**.

Reliance Jio, a mobile network operator in India, activated over **200 million** subscribers with IPv6 connectivity in just **9 months** (September 2016 - June 2017).



80 percent of smartphones in the US on the major cellular network operators (AT&T, Sprint, T-Mobile and Verizon) use IPv6 (up from under 40 percent less than 3 years ago).

More than **one in four** of Alexa's top 1,000 global websites are accessible via IPv6.



Over **25%** of all Internet-connected networks advertise IPv6 connectivity.

Google reports **49** countries using IPv6 for more than **5%** of their interactions with them (up from 37 in 2017).

Comcast has an IPv6 deployment in excess of **66% (USA)**.

British Sky Broadcasting has IPv6 deployment in excess of **86% (UK)**.

Deutsche Telekom has **56% (Germany)**.

XS4ALL has **71% (Netherlands)**.

VOO has **73%** and Telenet has **63% (Belgium)**.

98.4% (1519) of the TLDs have IPv6 name server addresses and can be queried using either IPv4 or IPv6.

Smartphone-focused T-Mobile (**74 million subscribers**), is an IPv6-only network.

Find more information about the scope and scale of IPv6 deployment in the Internet Society State of IPv6 Deployment 2018 report: www.internetsociety.org/resources/doc/2018/state-of-ipv6-deployment-2018

¹ <http://www.worldipv6launch.org>