

World IPv6 Day: 8 June 2011

www.WorldIPv6Day.org

What is World IPv6 Day?

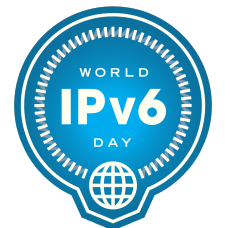
For 24 hours on 8 June 2011 (00h00-23h59 UTC) Facebook, Google, Yahoo! and more than 1000 other websites will turn on IPv6 access on their “front door”.

- This is not about turning off IPv4

Goals:

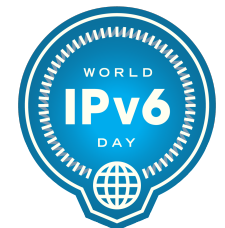
- Motivate Internet service providers, hardware makers, operating system vendors, Web companies and others to prepare their services for IPv6
- Understand what issues still need to be addressed to ensure a successful transition to IPv6 as IPv4 addresses run out.

While there have been similar notable efforts, World IPv6 Day is the first global, real-world “test-flight” of IPv6, and the largest ever.



Motivations for the World IPv6 Day Event

- **Breaking the chicken-and-egg problem of IPv6 deployment**
- **Improving IPv6 connectivity by understanding outstanding issues faced by a small percentage of users (but significant numbers for large content providers)**
- **Providing a target date for already planned IPv6 rollouts**
- **Spurring organizations to create a plan for rolling out IPv6**
- **Catalyzing the kind of collaboration that the Internet has relied upon through its history**



Global Response

Initial commitment from websites:

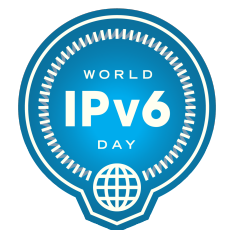
- Facebook
- Google
- Yahoo!

...and content delivery networks:

- Akamai
- Limelight Networks

Interest from websites, ISPs, hosting companies, exchanges, vendors around the world

- More than 1000 organizations have expressed interest
- 1000s of websites have committed to participate

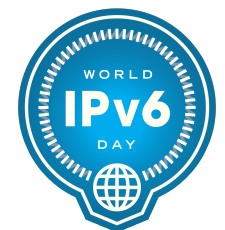


Complementary Efforts are Underway

Regionalized initiatives in:

- Australia
- Brazil
- Chile
- China
- Colombia
- Denmark
- Japan
- Netherlands
- Slovenia
- Spain
- Taiwan

World IPv6 Day provides a point of focus for many other efforts already underway



Documenting Success

Improved connectivity

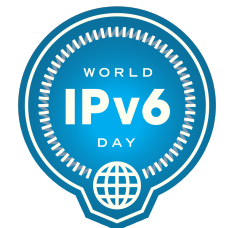
- Large websites have their finger on the pulse of this important aspect of June 8

Participating sites

- Documented through an IPv6 reachability dashboard
 - www.worldipv6day.org/participants-dashboard/index.html
- Longer term goal is permanently turning up IPv6: some of that will happen on the day; some will happen as a result of the activities on the day, but later; some will need more time

Measurements

- Lots of measurements are planned and we refer to those who are making their data public through www.worldipv6day.org
- Experience will serve as input to improve operations



For More Information

On the Web, visit:

<http://www.WorldIPv6Day.org>

On social media, look for:

#WorldIPv6Day or **#IPv6Day**

