

# World IPv6 Day: 8 June 2011

[www.WorldIPv6Day.org](http://www.WorldIPv6Day.org)

# What is World IPv6 Day?

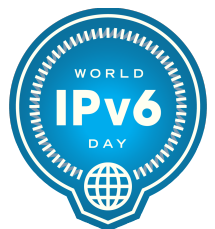
**For 24 hours on 8 June 2011 (00h00-23h59 UTC) Facebook, Google, Yahoo! and more than 1000 other websites will turn on IPv6 access on their “front door”.**

- This is not about turning off IPv4

## **Goals:**

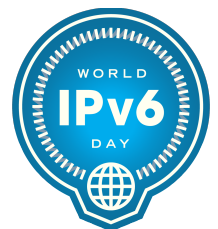
- Motivate Internet service providers, hardware makers, operating system vendors, Web companies and others to prepare their services for IPv6
- Understand what issues still need to be addressed to ensure a successful transition to IPv6 as IPv4 addresses run out.

**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 industry leaders:**

## **Content Sites**

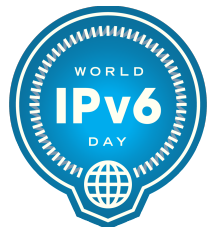
- Facebook
- Google
- Yahoo!

## **Content Support Services**

- 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

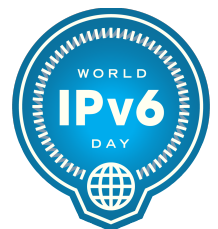


# Complementary Efforts are Underway

## 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

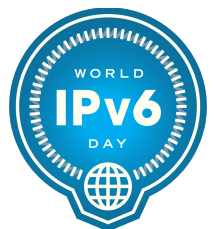
- **Large websites have their finger on the pulse of this important aspect of June 8**

## Participating sites

- **Documented through an IPv6 reachability dashboard**
  - [www.worldipv6day.org/participants-dashboard/index.html](http://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](http://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**

