



World IPv6 Day: June 8 2011

Why We Care and You Should Too!

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World IPv6 Day – what it is

- June 8 2011 – 00h00-23h59 (UTC)
 - Major content providers turn on IPv6 access on their “front door”
 - Not just “side door” special hostnames
 - This is not about turning off IPv4
- The goal of this test flight is to motivate organizations across the industry – Internet service providers, hardware makers, operating system vendors and web companies – to prepare their services for IPv6 to ensure a successful transition as IPv4 addresses run out.
- It is an opportunity for the Internet industry to collaborate to test IPv6 readiness. We expect to lay the groundwork for large-scale IPv6 adoption and help make IPv6 ready for prime time.
- It is not a first – there have been important local efforts, already (e.g., heise.de).

Motivations

- “Hatching the egg” for IPv6 Deployment
- Improving IPv6 connectivity
 - Opportunity to increase confidence level for website owners
 - Opportunity to experience some real IPv6 traffic for ISPs
- Provides a target date for already planned rollout
- “I don’t want to have to answer why we don’t have this”
- Internet is a never-ending exercise in collaboration, this is an example

<http://isoc.org/wp/worldipv6day/>

- Information for what you need to do if you want to come play
 - Website owners
 - Send us the URL of the website you intend to make available
 - Contact info for a network engineer
 - A webpage describing why IPv6 is important for your business is a plus
 - Hosting companies, etc.
 - A commercial IPv6 service offering
 - A webpage describing why IPv6 is important for your business, customers, etc.; we'll link to it
- Contact us...
 - If you're interested in participating
 - If you're planning to do some measurements or testing
- Help us make this a truly GLOBAL IPv6 Day



Global Response

- Lots of interest from all over
 - Website owners, ISPs, hosting companies, exchanges, vendors,
...
 - Over 500 entities have contacted us so far
 - 200(**) websites are listed who plan to turn on IPv6 June 8
 - Created space for lots of sites running dual stack already
 - Created space for hosting companies, etc. who offer commercial v6 and are interested in helping their customers participate
 - Will be creating space on the site for test and measurements
- All across the globe
 - Interest from people on every continent

Spontaneous efforts

- Regionalized initiatives
 - Japanese and Slovenia websites already with folks making efforts with local websites
 - Swedish websites through .se and netnod efforts
 - Efforts in the Czech republic
 - Lots happening, quite a buzz in operational community
- “I’ ll get my website up and some others I manage also”
- Hear of all sorts of things like this, the World IPv6 Day gives many already underway efforts a point of focus

Documenting Success

- Improved connectivity
 - Large websites have their finger on the pulse of this important aspect of June 8
- Sites who participate
 - Documented through an IPv6 reachability dashboard
 - 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 measurement will be undertaken, and we plan to refer to those who are making their data public through our website
 - Experience will serve as input to improve operations



the Internet is for
everyone



Thank you!



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