Comcast IPv6

RMv6TF

April 2011

Background

Comcast announced IPv6 trials on January 27, 2010

- http://www.comcast6.net

To date trials include:

- 6to4
- 6RD
- Native Dual Stack

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6to4

Observed non-trivial usage of 6to4

Largely enabled by default

Deployed five (5) Linux based 6to4 relays

- Straight forward to deploy

Latency reduced by over 50%

Assess the need for 6to4 relays regularly based on usage

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6RD

Two 6RD BRs deployed for trial
- Straight forward to deploy

Trial user performance varied based on proximity to BR
- Overall performance was as expected
- Proximity also impacts geo-location depending on 6RD deployment model

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Native Dual Stack

Central to deployment strategy

Commercial solutions straight forward to enable IPv6

Residential trials are geo-graphically limited

- Identified and resolved various issues
- Continue to work with vendors to ensure equipment is trial and deployment ready

Expanding trials and planning for production deployment

Comcast.

Next steps

Dual Stack Lite **trials** later in 2011

Content over native IPv6

World IPv6 Day

Participate in Comcast's IPv6 Trials

Do you live in one of these areas?

- Panama, CO

- Littleton, CO

- Highlands Ranch, CO

- Centennial, CO

- Tucson, CO

- Parker, CO

- Aurora, CO

Contact Information

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