

Purposes for IPv6-only Network Experiments

Suzanne Woolf

April 8, 2008

ARIN XXI

Denver, CO

Background

- Have now seen several such events at networking conferences
- Publicity and consciousness-raising for spectators
- What benefit to participants?

A couple of benefits of participation

- Dispels “fear, uncertainty, and doubt”
 - Is IPv6 undeployable?
 - Is IPv6 ready to take over the Internet except for the laziness and greed of the industry?
 - No and no. See for yourself.
- Helps identify where the holes really are on the public Internet
 - Content provision
 - Gateway/transition/co-existence
 - DNS registrars/registries

And a couple more

- Debug/interoperability testing
 - Testing available for the software that does exist isn't deep
 - Expert users and a variety of network topologies and environments to test here
 - Testing on a network that's isolated in time and network-space but "live" is useful
- Documented experience for participants to take home: what does your network/enterprise need?
 - Internal and proprietary applications
 - Routing