World IPv6 Day: A Content Provider Perspective

Igor Gashinsky
Principal Architect
Yahoo!
February 1st, 2011
Why are we doing it?

• Promoting IPv6 adoption
  – Breaking chicken/egg paradigm

• Last-ditch effort to help with “broken users” [1] problem
  – Current “breakage stats” are 0.026%
    • 18 months ago this was 0.078%!
  – If we get that number low enough, we may not need whitelisting

• Remove the “first implementer” penalty

How does this effect...

- Content providers:
  - Please join in this effort
  - Don’t forget to consider 6to4/Teredo users
- ISP’s:
  - Please deploy IPv6 😊
  - Please staff your helpdesk to deal with the broken users
    - http://test-ipv6.com may help with troubleshooting
  - Please think through the impact of 6to4/Teredo to your network
- End-users:
  - Upgrade/patch your systems
- OS/Software/Equipment vendors:
  - Please fix the bugs that were identified to decrease the amount of brokenness.
Questions?