Internet Service Provider and Connectivity: Universal Acceptance

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What is Universal Acceptance?

• Identifiers don’t always work where they are supposed to work

• Names sometimes appear “broken” to users
  o TLD name is too long, not recognized or “readable”
  o Internationalized email names not accepted

• No more ‘false positive’ rejections
Why Talk About This (Now)?

• Changes are mounting
  • 1980s-90s: stable list of familiar TLDs
  • 2000/2003: longer TLDs (e.g. .info, .museum)
  • 2010: IDN ccTLDs (e.g. சிங்கப்பூர், 中国)
  • 2012: Internationalized Email
  • 2012: many new TLDs added frequently

• Poor assumptions built into legacy systems are growing more noticeable
Scope

• Universal acceptance is concerned with eliminating bugs or errors, that is, unintended name blocking
  o Web browsers confuse new TLDs with search strings
  o Software fails to display or read native scripts
  o Internationalized email addresses not accepted

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Why act?

• Enable more choice in TLDs

• Enable communities to interact in their desired languages and scripts

• Enable growth of the Internet

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ISP/CP Impact
Points of Impact

• End-user facing services, such as
  o E-mail
  o HTTP
  o DNS

• Internal processes
  o Account maintenance
  o Operations and maintenance

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Why does this matter to service providers?

• Universal acceptance enables growth of the network

• Providers are the first place a customer calls when there is a problem
ICANN draft roadmap

- Open (now) for public comment

- ICANN 50 Session on Wednesday at 10:45 in Balmoral

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Questions & Answers

- **Session on Universal Acceptance**

- **Public Comment on draft roadmap**
Related Global Domains Division Sessions

Check schedule for times & locations: http://london50.icann.org/schedule

• 25 June 2014
  o Thick Whois Consensus Policy Implementation Meeting
  o IDN Variant TLDs Program
  o Contractual Compliance Program Updates and Q&A
  o TLD Acceptance
  o Whiteboarding Session with IRTP - C IRT
  o IDN Root Zone LGR Generation Panels Workshop
  o ICANN’s Security, Stability & Resiliency Team Outreach Session
  o New gTLD Registry Operator Engagement
  o User Workshop for GDD Portal