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# Internet Service Provider and Connectivity: Universal Acceptance

**Edward Lewis**  
Technical Service, Sr. Manager

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# What Does It Mean?

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# What is Universal Acceptance?

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- Identifiers don't always work where they are supposed to work
- Names sometimes appear “broken” to users
  - TLD name is too long, not recognized or “readable”
  - Internationalized email names not accepted
- No more ‘false positive’ rejections

# Why Talk About This (Now)?

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- 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

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

# Why act?

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- 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

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# Points of Impact

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- End-user facing services, such as
  - E-mail
  - HTTP
  - DNS
- Internal processes
  - Account maintenance
  - Operations and maintenance

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# Why does this matter to service providers?

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- Universal acceptance enables growth of the network
- Providers are the first place a customer calls when there is a problem

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# ICANN draft roadmap

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- Open (now) for public comment
  - <https://www.icann.org/public-comments/tld-acceptance-initiative-2014-06-18-en>
- ICANN 50 Session on Wednesday at 10:45 in Balmoral
  - <http://london50.icann.org/en/schedule/wed-tld-acceptance>

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# Questions & Answers

- Session on Universal Acceptance
  - <http://london50.icann.org/en/schedule/wed-tld-acceptance>
- Public Comment on draft roadmap
  - <https://www.icann.org/public-comments/tld-acceptance-initiative-2014-06-18-en>

## Social Media



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# Related Global Domains Division Sessions

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

- **25 June 2014**

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

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