Agenda

- Overview of IDN Program
- IDN TLD Program
- IDN ccTLD Fast Track
- IDN Tables
- IDN Implementation Guidelines
- Communications and Outreach
- Next Steps
Overview of IDN Program

- IDN TLD Program
  - Label Generation Ruleset (LGR)
  - LGR Toolset
  - IDN Variant Implementation
- IDN Fast Track Process Implementation
- IDN Tables
- IDN Implementation Guidelines
- Community Outreach
IDN TLD Program
Work Under IDN TLD Program

Community agreed to define a Label Generation Ruleset (LGR)

Reports and documentation of all completed projects available at: https://www.icann.org/resources/pages/reports-2013-04-03-en
Status of Generation Panels

Label Generation Ruleset (LGR)

- Seated
- Active
- Forming
- Initiating

Maximal Starting Repertoire (MSR)
MSR-2 released for public comment:

Upwardly compatible replacement for MSR-1

Total 28 scripts
★ Six new scripts added
★ Armenian, Ethiopic, Khmer, Myanmar, Thaana, Tibetan
★ Existing scripts in MSR-1 unchanged

- Guidelines for Developing Script-Specific Label Generation Rules for Integration into the Root Zone LGR
- Considerations for Designing a Label Generation Ruleset for the Root Zone
- Requirements for LGR Proposals

Background technical documents

- Variant Rules
- Whole Label Evaluation (WLE) Rules
- Representing Label Generation Rulesets using XML
LGR Specification and Toolset


- Toolset functional priority
  - Create LGR
  - Use LGR
  - Manage LGRs

- Open source
IDN ccTLD Fast Track Process
Status of IDN Country Code TLDs

cCTLDs: 45/35*

* Successfully evaluated IDN ccTLDs/Total countries/territories
Overview of IDN ccTLD Fast Track Process

- Completed five years of operation
- Requests in 17 scripts for 26 languages
- 38 IDN ccTLDs delegated in the Root Zone representing 28 countries/territories

Following ccNSO recommendation, a two-panel string similarity review process was implemented in December 2013
  - The Extended Process Similarity Review Panel (EPSRP) published results of the first set of evaluations in Oct. 2014:
    https://www.icann.org/resources/pages/epsrp-reports-2014-10-14-en

Currently under annual review through public comment:
IDN Tables

- Submitted by new gTLDs intending to offer IDNs
  - Varied in the character repertoire and contextual rules
- Develop reference Label Generation Rulesets (LGRs) for facilitation and consistency in Pre-Delegation Testing (PDT) and the Registry Service Evaluation Process (RSEP)
- Promote reuse for better end-user experience
- Process:
  1. Develop detailed guidelines
  2. Document authoritative sources and create reference machine-readable LGRs
  3. Conduct expert review of LGRs for content, security and stability
  4. Publish LGRs, authoritative sources and expert reports for each language/script for community feedback
  5. Publish updated reference IDN Tables
Status of IDN Implementation Guidelines

- Last updated in 2011
  - New IDN terminology due to IDN Variant TLD projects
  - Consistent, machine readable format for language tables
  - Updated content: IANA IDNA table with Unicode versions, MSR, LGR
  - Additional guidelines: informational RFC 6912, User Experience study

- Current status - awaiting community response on list of issues
  - Letters written to ccNSO and GNSO chairs – 4 Dec. 2014
Communication and Outreach Efforts

- IDN Program sessions at ICANN meetings
- IDN Program updates to SOs/ACs at ICANN meetings
- Presentations at meetings
  - APTLD, APrIGF, ArabIGF, IGFs, TLDCON, AFRINIC, RIPE NCC
- Email communication to SOs/ACs – call to action
- Blog for general community:
  [http://blog.apnic.net/2014/09/30/speak-up-for-your-language/](http://blog.apnic.net/2014/09/30/speak-up-for-your-language/)
- IDN pages at ICANN Community Wiki and ICANN Website
- IDN mailing lists
  - {vip, lgr, ArabicGP, ArmenianGP, ChineseGP, …}@icann.org
Next Steps

- **Support GPs**
  - Finalize LGR proposals for seated GPs
  - Seat additional GPs
  - Activate additional GPs

- **Work with IP**
  - Finalize MSR-2
  - Finalize guidelines for GPs
  - Release LGR-1

- **Initiate LGR Tool Set development**
- **Compile feedback for IDN Implementation Guidelines**
- **Follow next steps for IDN Variant Implementation**
- **Develop IDN Tables**
- **Continue communication and outreach efforts**
Questions & Answers

FOR FURTHER DETAILS:

• IDN Program Update (Wednesday 9:00-10:15am; Sophia)
• IDN Root Zone LGR (Wednesday 1:00-2:15pm; Moor)

USEFUL LINKS:

• To joint a Generation Panel, submit interest at: idntlds@icann.org
• Call for Generation Panels:
• LGR Procedure:
• MSR-2 PC: https://www.icann.org/news/announcement-3-2014-12-15-en
• Community Wiki for LGR Project:
  https://community.icann.org/display/croscomlgrcodeprocedure/Root+Zone+LGR+Project
Engage with ICANN

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