IDN Variant TLD Program

Update and Next Steps

ICANN Beijing
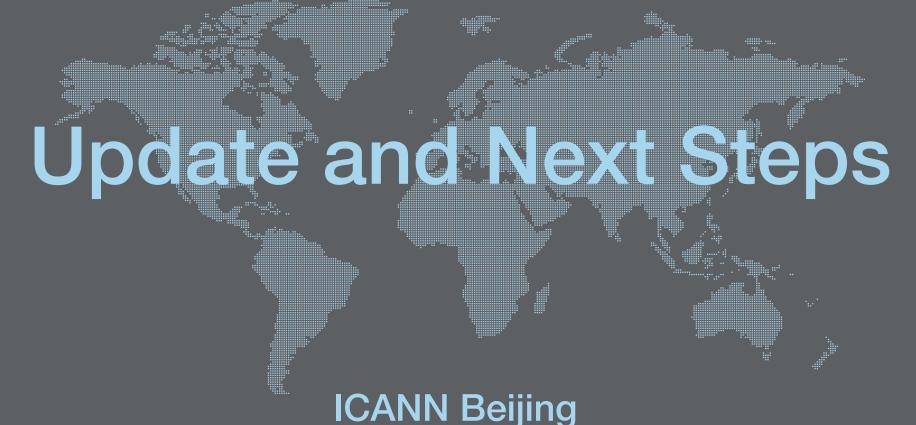10 April 2013

A glimpse at Program's completed work

2010

ORIGINATION

SEPT
Board resolution to develop appropriate
solutions for IDN Variant TLDs

2011

PHASE ONE

FEB–APR
Work plan proposal
for the Study of
Issues Related to
the Delegation of
IDN Variant TLDs

APR–JUN
Formation of six
IDN Variant TLD
Case Study Teams

JUN–OCT
Arabic Case Study
Chinese Case Study
Cyrillic Case Study
Devanagari Case Study
Greek Case Study
Latin Case Study

OCT
Case Studies
Report Published

PHASE TWO

NOV–FEB 2012
Integrated Issues
Report

JAN
Establishment of the
IDN Variant TLD Issues
Project

2012

PHASE THREE

FEB–APR
IDN Variant Issues Project
Proposed Project Plan for
Next Steps

JUN–JUN 2013
Project 1 / Development of the Label Generation Rules Tool
(projected end date)

JUN–MAR 2013
Project 2.1 / Procedure to Develop and Maintain the Label
Generation Rules for the Root Zone in Respect of IDNA Labels

JUN–MAR 2013
Project 6 / Examining the User Experience Implications of
Active Variant TLDs

MAY–JUN
IDN Variant TLD Program
Revised Program Planning

BEIJING
NO.46 · 7-11 APRIL 2013

ICANN

Projects Completed in phase 3

+ **Procedure to Develop and Maintain the Label Generation Rules for the DNS Root Zone in respect of IDNA labels, the "IDN Root LGR Procedure"**

  http://www.icann.org/en/resources/idn/variant-tlds/draft-lgr-procedure-20mar13-en.pdf

+ Examining the User Experience Implications of Active Variant TLDs

  http://www.icann.org/en/resources/idn/variant-tlds/active-ux-21mar13-en.pdf

Next Steps - Phase 4 Overview

+ **Implement the Procedure to Develop and Maintain the Label Generation Rules for the DNS Root Zone in Respect of IDNA Labels**

+ **Collaborate with Sponsoring Organizations and Advisory Committees for their input and guidance on the implementation of the User Experience study recommendations**

+ **Finalize the LGR tool format specification**

Project 2.2

+ **Implementation of the Procedure to Develop and Maintain the Label Generation Rules for the DNS Root Zone in Respect of IDNA Labels**

    + This project will implement the IDN Root LGR Procedure developed in Phase 3

    + Project will develop the infrastructure needed to populate and maintain the IDN Root Label Generation Rules

Project 2.2

+ **Project 2.2 work includes:**

   + Recruiting the Integration Panel

   + Establishing the Pool of Advisors, including the following areas of expertise: DNS, IDNA, Linguistics and Unicode

   + Initial setup work by the Integration Panel, Advisors and staff to generate the foundation of work for LGR (see p2.1)

   + Reaching out to communities to form Generation Panels for their writing systems (see p2.1)

   + Preparing supplementary guidelines and support infrastructure for Generation Panels

Generation Panels

+ **The process will be driven by volunteer-based Generation Panels that will:**

    + develop the set of rules for a particular writing system;

    + create output representing the desired LGR elements for that environment; and

    + submit their proposals for the IDN Root LGR to the Integration Panel;

    + consist of volunteer experts in a given writing system, plus additional ICANN-contracted experts if needed;

    + thus representing both the community interests as well as providing detailed expertise on a given writing system.

Integration Panel

+ **The Integration Panel will:**

  + consist of independent experts in DNS, IDNA, Unicode and linguistics;

  + accept or reject Generation Panel proposals until agreement is reached;

  + integrate the Generation Panels' proposals into a single, unified IDN LGR for the Root Zone;

  + take into account the need for a secure, stable and reliable DNS Root Zone;

  + make decisions by unanimity only.

Project 7

+ **Updates to new gTLD and IDN ccTLD Programs**

  + Invite Sponsoring Organizations and Advisory Committees to provide input and advice on the best approach to implement the recommendations

  + Update the new gTLD Applicant Guidebook and the IDN ccTLD Implementation Plan with changes recommended in the User Experience Study

  + Update the new gTLD Applicant Guidebook and the IDN ccTLD Implementation Plan with changes needed to process variants based on the IDN Root LGR

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Project 8

+ **Updates to ICANN Operations**

  + Implement changes identified in the new gTLD and IDN ccTLD Programs to support IDN variant TLDs

  + Changes include updates to ICANN and IANA processes as well as existing systems that will be impacted by the addition of IDN variant TLDs
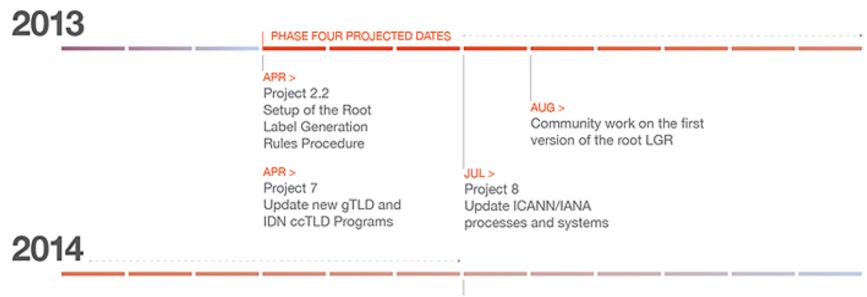
Project 1

+ **Label Generation Rules Tool**

    + This project is a continuation of work initiated in Phase 3

    + Focused on developing a specification to represent the IDN LGR and to perform the actions that Registries require to process IDN Variants

    + Internet Draft to gather input from interested parties available at: http://tools.ietf.org/html/draft-davies-idntables

    + Input should be sent to vip@icann.org

Phase 4 Projected Timeline

2013

PHASE FOUR PROJECTED DATES

APR >
Project 2.2
Setup of the Root
Label Generation
Rules Procedure

AUG >
Community work on the first
version of the root LGR

APR >
Project 7
Update new gTLD and
IDN ccTLD Programs

JUL >
Project 8
Update ICANN/IANA
processes and systems

2014

MID 2014–FUTURE
Process IDN Variant TLDs
for delegation*
* Subject to Completion of initial LGR

IDN Variant TLD Program
Thank You

Discussion and Questions