Root Zone Label Generation Rules Study Group (RZ-LGR-SG) Meeting

14 January 2019

Attendees:

1. Dennis Tan Tanaka
2. Dessalegn Yehuala
3. Gaurav Vedi
4. Mirjana Tasic

ICANN org staff:

1. Sarmad Hussain
2. Pitinan Kooarmornpatana

Regrets:

Summary of Notes

The SG reviewed the revised recommendations in the draft document. The chair shared that the document has been updated over the break to include new recommendations based on the discussions in the SG. The members were asked to review the updated recommendations and share feedback.

1. The discussion started on what are the possible label states and their transitions? The group started listing the following states. The following were listed and defined based on Integrated Issues Report (Appendix 2):
    a. **Invalid**
    b. **Valid**. RZ-LGR makes the following calculation for variant label disposition:
        i. **Allocatable**
        ii. **Blocked** → An action taken on a given label with respect to a zone, according to which the label is unavailable for allocation to anyone.
    c. **Allocation** → An action taken on a label with respect to a zone, whereby the label is associated administratively to some entity that has requested the label.
    d. **Delegation** → An action taken on a given label with respect to a zone, indicating that in that zone there are NS resource records at the label and that there is no SOA resource record at the label (i.e., that this is the parent zone: there are also NS records with the same owner name in the child zone, but in that child zone there must be an SOA record as well).
    e. **Activation** → An action taken on a given label with respect to a zone, indicating that there are DNS resource records at that node name; or else that there are subordinate names to that name, even though there are no resource records at that node name.
    f. **Withheld** → An action taken on a given label with respect to a zone, whereby the label is set aside for possible allocation to some entity.
    g. **Reserved**? → An action taken on a given label with respect to a zone, whereby the label is set aside with no possible allocation to some entity.
    h. **Others**?

2. Staff shared that states and their transitions were also discussed in the recent document for analysis of IDN variant TLDs (Section 3.3). Additional states, including "rejected", "reserved"

were also discussed. It was also raised that a label has a base value of "valid" or "invalid". If a valid label has variants, then their variant disposition values: allocatable and blocked.

3. Once a label is found valid, its allocatable variants can then be processed through the application process to undergo the remaining states identified.

4. The SG considered the format of state changes as a table given on pg. 13 of the IDN variant TLD analysis document as suitable.

5. The SG discussed the timeline for undertaking the work. The following timelines were tentatively finalized:

   a. Publish draft for Public Comment by ICANN org: 28 Feb
   b. Finalize the draft for Public Comment by SG: 22 Feb
   c. Last call within SG: 18 Feb
   d. Finalize draft for internal review by SG: 11 Feb

6. The SG also decided to include a presentation on the recommendations during the RZ-LGR Workshop session at ICANN64.

7. Staff to circulate a doodle poll for RZ-LGR-SG meeting on either 1 or 8 Feb instead of regular times due to conflicts. The regular meetings during these weeks will not be held.

Next call on 21 January.

Action Items

S. No.	Action Items	Owner
1	*All members to review the recommendations document*	All
2	*Circulate a doodle poll for 1 or 8 Feb.*	SH