

IDN Status from ICANN

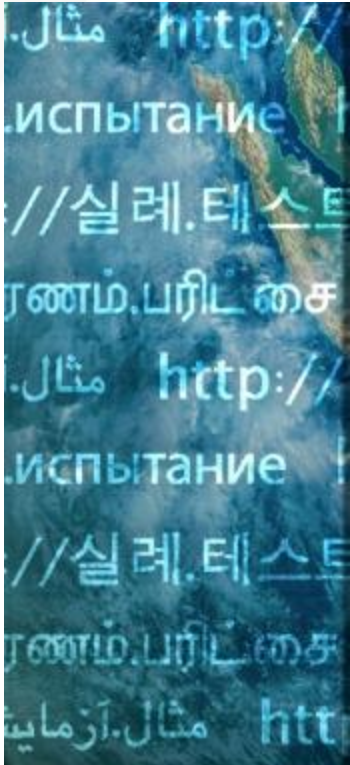
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Overview



- **TLD Variants**
- **IDN Usability**
- **TLD Processes**

Variants - Activities

- IDN TLD Variants not supported in TLD Programs
- Important for IDN usability in certain regions
- Important to avoid confusability
- ICANN proposed project plan
 - Variant definitions and activities
 - To be developed for public comments



Variant Variance

中国 vs. 中國

- same language/script /meaning, look different

السعودية vs. السعودية

- same language/same script /meaning/look

06A9 پاکستان ک

0643 پاکستان ک

- different language, same script/meaning/look

- Translations are not variants

Proposed Variants Policy Discussions

Variant Definitions Needed:

AGB v4:

- a single character has two or more graphic representations
- may/may not visually similar
- IDN tables identifies variants

RFC3743: (specific to CJK)...wherein one conceptual character can be identified with several different Code Points in character sets for computer use...

Terminology choice

- different types of variants - different rules?
- diff functionality for diff variants?
- rules for generation of IDN tables?
- dispute mechanism for overlap of desired/un-desired variants?
- dispute mechanism/objection option for inconsistency in IDN Table content?

Proposed Variant Technical Considerations

- Keeping dialogue with technical community
- Specifying desired functionality to technical community to enable informed dialogue
- Possible test scenarios:
 - DNAME – before testing we need a described functionality
 - BNAME – before testing, needs further development
 - Review experience with variants dealt with via registration policies and operational management

IDN & Usability

- **What is needed from a usability standpoint?**
 - more uniform implementation by app developers?
 - more apps to support IDNs and which ones?
- **ICANN in apps events in FY2010-11**
 - which events should we ensure domain name reps participation in?
 - how to determine what kind of information apps dev need and how to deliver it?

IDN ccTLD Fast Track

- **First IDN ccTLDs:** امارات, ρφ, السعودية, مصر, 中国, 中國, 香港, 台灣, 台湾
- 31 requests and 19 languages, please send more :-)
- **Fast Track revision in November 2010**
- **Topics for considerations:**
 - transparency and timing
 - disputes and confusingly similarity
 - IDN ccTLD manager support and process

In Summary

- **First Fast Track IDN ccTLDs live and working well**
 - updates: <http://www.icann.org/en/topics/idn/fast-track/>
- **IDN gTLDs in the gTLD Program - to be launched**
- **Usability generally (including IDNs)**
- **TLD variants management project - to be initiated**
- **IDN Guidelines revision underway**
- **Internationalized Email Protocol underway (IETF)**

Thank You

**Internationalization of the internet means
that the internet is equally accessible from all
languages and scripts**

<http://www.icann.org/en/topics/idn/>

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