



ICANN Registry Request Service

Ticket ID: L6F6M-1K7T2

Registry Name: Dot Global Domain Registry Limited

gTLD: .GLOBAL

Status: ICANN Review

Status Date: 2016-03-17 14:13:17

Print Date: 2016-03-17 14:13:30

Proposed Service

Name of Proposed Service:

Additional IDN Tables for .GLOBAL

Technical description of Proposed Service:

Dot Global Domain Registry Ltd, Registry Operator of the .GLOBAL top level domain, propose an amendment to its Registry Agreement with ICANN, allowing registrant to register and use Second level labels in their own language and script.

The Internet is a global resource, and the ability to utilize it in a native language is facilitated by International Domain Names (IDNs). There are separate rules and requirements for the registration of IDNs and the resolution of IDNs. These rules and requirements have been built by expertise and experiences gathered over the last decade by ICANN, several registries, and members of the DNS technical community.

Per March 8 2016, the following languages are approved and included in the Registry Agreement for .GLOBAL:

*German (DE)
Danish (DA)
Swedish (SV)
Polish (PL)
Spanish (ES)
Hungarian (HU)
Icelandic (IS)
Korean (KO)
Lithuanian (LT)
Latvian (LV)
Chinese (Simplified and Traditional)
Russian (RU)
Belarusian (BE)
Ukrainian (UK)
Bosnian (BS)
Serbian (SR)
Macedonian (MK)
Bulgarian (BG)*



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Montenegrin (ME)

Arabic (AR)

Hindi

This request is for adding additional languages:

Finnish (FI)

French (FR)

Italian (IT)

Portuguese (PT)

The requested languages will be in addition to the present.

Consultation

Please describe with specificity your consultations with the community, experts and or others. What were the quantity, nature and content of the consultations?:

.GLOBAL selected backend provider; Afiliias, has the needed IDN experience. Please refer to our comments in the "Business Description".

a. If the registry is a sponsored TLD, what were the nature and content of these consultations with the sponsored TLD community?:

Not Applicable

b. Were consultations with gTLD registrars or the registrar constituency appropriate? Which registrars were consulted? What were the nature and content of the consultation?:

Consultations with registries and registrars were not undertaken. However, many other registries have implemented the language tables as referred herein.

c. Were consultations with other constituency groups appropriate? Which groups were consulted? What were the nature and content of these consultations?:



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Not Applicable

d. Were consultations with end users appropriate? Which groups were consulted? What were the nature and content of these consultations?:

It is of strategic value for .GLOBAL to support all possible languages and script.

Enabling additional languages to .GLOBAL will benefit users that prefer a domain label in non-ASCII characters.

The implementation of the IDN registration and resolution services will adhere to the relevant IETF standards, including RFCs 5890, 5891, 5892, and 5893, as well as the ICANN IDN Implementation Guidelines.

e. Who would endorse the introduction of this service? What were the nature and content of these consultations?:

The fact that IDNs are being registered and used on second level indicate the need and endorsement from the Internet users.

f. Who would object the introduction of this service? What were(or would be) the nature and content of these consultations?:

As long as the registration and resolutions of IDN labels on second level is accordance with IETF standards and relevant policies, we cannot see any part object to the introduction of additional languages to .GLOBAL.

Timeline

Please describe the timeline for implementation of the proposed new registry service:

As soon as possible after the approval of this request.

Business Description

Describe how the Proposed Service will be offered:

The additional languages will be offered in the same manner as all other domain names.



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Dot Global Domain Registry Ltd will publish the IDN tables on our Registry website in addition to support registrars in enabling additional languages.

Describe quality assurance plan or testing of Proposed Service:

Afilias, the registry services provider for .GLOBAL, as well as for other TLDs, has conducted all necessary testing and will continue to ensure appropriate implementation.

Afilias IDN experience

In addition to its IDN work in gTLDs, Afilias has also done specific work with IDNs at the country level. The following three examples demonstrate how Afilias is involved in the IDN development and implementation of three of the largest and most complicated script/language groupings in the world.

For instance, Afilias has worked closely with the Government of India on its approved IDN ccTLD applications. With 22 official languages in 7 different scripts, Indian IDNs are arguably the most complex language/script implementation in the world. Together with .IN, Afilias will soon launch the support of an IDN TLD in the Hindi, Marathi, Konkani, Nepali, Dogri, Boro, Maithili and Sindhi languages utilizing the Devanagari script (string representation in English is "Bharat"; A-label representation is "xn--h2brj9c"). The pre-requisite to this launch has been 5 years of intense work in development of IDN technology and in particular mechanisms to support the IDN variant challenges.

In 2006, Afilias convened the Arabic Script IDN Working Group (ASIWG), in cooperation with the United Nations Economic and Social Commission for Western Asia (UNESCWA), which focused on a first-ever, script level look at the many right-to-left languages in the world that use the Arabic script. The work resulting from that working group provided critical input to the revision of the IDNA protocol that focused on right-to-left script issue solutions, and created a framework of dealing with script-based issues that is now the foundation for many other script-based approaches.

Afilias is an invited member of the Chinese Domain Name Consortium (CDNC) and coordinates closely with members of the consortium to design and execute on the latest advances in deployment of Chinese scripts across several languages that use the scripts.

As an IDN leader, Afilias brings the following experience and capabilities to the table:

- Demonstrated ability to support IDNs in among others, the world's major languages and scripts;*
- Compliance with the Internationalizing Domain Names in Applications (IDNA) standards;*
- Active involvement in IDN community, development, and standards groups;*
- Demonstrated ability to support IDNs with variant characters and normalization routines, and;*



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- Demonstrated ability to formulate and publish IDN tables and policies, in coordination with language and script authorities.

Afilias will maintain the resolution for all registered IDNs transparently in the same manner as all ASCII (i.e., LDH -- "Letter, Digit, Hyphen") domains.

In the implementation of the IDN registration and resolution services, Afilias will adhere to the relevant IETF standards, including RFCs 5890, 5891, 5892, and 5893, as well as the ICANN IDN Implementation Guidelines (including the 3.0 version announced for implementation on 22 November 2011: <http://www.icann.org/en/announcements/announcement-3-22nov11-en.htm>).

.INFO, operated by Afilias, was the first TLD to register a language-table at the IANA IDN Language-Table registry and was the first gTLD to launch fully standards-compliant IDN registrations.

Please list any relevant RFCs or White Papers on the proposed service and explain how those papers are relevant.:

RFCs 5890, 5891, 5892, and 5893.

ICANN IDN Guidelines Version 3.0 (<https://www.icann.org/en/topics/idn/idn-guidelines-02sep11-en.htm>)

Contractual Provisions

List the relevant contractual provisions impacted by the Proposed Service:

Registry Agreement Exhibit A, Approved Services, section 4. Internationalized Domain Names (IDNs)

What effect, if any, will the Proposed Service have on the reporting of data to ICANN:

We do not anticipate any effect on the reporting of data to ICANN.

What effect, if any, will the Proposed Service have on the Whois?:

We do not anticipate an effect on WHOIS reporting.

Contract Amendments



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Please describe or provide the necessary contractual amendments for the proposed service:

Registry Agreement Exhibit A Approved Services, section 4. Internationalized Domain Names (IDNs) should be amended to read as follows:

4. Internationalized Domain Names (IDNs)

Registry Operator may offer registration of IDNs at the second and lower levels provided that Registry Operator complies with the following requirements:

4.1. Registry Operator must offer Registrars support for handling IDN registrations in EPP.

4.2. Registry Operator will not offer variant IDNs.

4.3. Registry Operator may offer registration of IDNs in the following languages/scripts (IDN Tables and IDN Registration Rules will be published by the Registry Operator as specified in the ICANN IDN Implementation Guidelines):

4.3.1. German language

4.3.2. Danish language

4.3.3. Polish language

4.3.4. Swedish language

4.3.5. Spanish language

4.3.6. Hungarian (HU)

4.3.7. Icelandic (IS)

4.3.8. Korean (KO)

4.3.9. Lithuanian (LT)

4.3.10. Latvian (LV)

4.3.11. Chinese (Simplified and Traditional)

4.3.12. Russian (RU)

4.3.13. Belarusian (BE)

4.3.14. Ukrainian (UK)

4.3.15. Bosnian (BS)

4.3.16. Serbian (SR)

4.3.17. Macedonian (MK)

4.3.18. Bulgarian (BG)

4.3.19. Montenegro (ME)

4.3.20 Arabic (AR)

4.3.21 Hindi

4.3.22 Finnish (FI)



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4.3.23 French (FR)

4.3.24 Italian (IT)

4.3.25 Portuguese (PT)

Benefits of Service

Describe the benefits of the Proposed Service:

Registrants and end users will benefit from the availability of register a second level domain in their preferred language and script. This will increase the consumer's choice in addition to increasing competition in the new gTLD marketplace.

Competition

Do you believe your proposed new Registry Service would have any positive or negative effects on competition? If so, please explain.:

Giving registrants and end users the option to register labels in their preferred language will enhance competition. It will provide registrants with the ability to register attractive names that will help them compete in the Internet marketplace.

How would you define the markets in which your proposed Registry Service would compete?:

The Internet community in general.

What companies/entities provide services or products that are similar in substance or effect to your proposed Registry Service?:

The majority of gTLD registries support IDN on second level in different languages

In view of your status as a registry operator, would the introduction of your proposed Registry Service potentially impair the ability of other companies/entities that provide similar products or services to compete?:

Not to our knowledge.

Do you propose to work with a vendor or contractor to provide the proposed Registry Service? If so, what is the



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name of the vendor/contractor, and describe the nature of the services the vendor/contractor would provide.:

Our registry services provider, Afilias Ltd will provide the technical ability to register IDN labels in the languages for this request.

Have you communicated with any of the entities whose products or services might be affected by the introduction of your proposed Registry Service? If so, please describe the communications.:

Not applicable.

Do you have any documents that address the possible effects on competition of your proposed Registry Service? If so, please submit them with your application. (ICANN will keep the documents confidential).:

No

Security and Stability

Does the proposed service alter the storage and input of Registry Data?:

No

Please explain how the proposed service will affect the throughput, response time, consistency or coherence of responses to Internet servers or end systems:

We are not aware of any effect to the throughput, response time, consistency, or coherence of responses to internet servers or end systems.

Have technical concerns been raised about the proposed service, and if so, how do you intend to address those concerns?:

No technical concerns have been raised to our knowledge.

Other Issues



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Are there any Intellectual Property considerations raised by the Proposed Service:

Intellectual property considerations raised by the service are already addressed by the established rights protection mechanisms (including the UDRP and URS)

Does the proposed service contain intellectual property exclusive to your gTLD registry?:

No

List Disclaimers provided to potential customers regarding the Proposed Service:

Not applicable.

Any other relevant information to include with this request:

The IDN tables are uploaded to the GDD Case Number 00202131