ICANN Registry Request Service

Ticket ID: D7E3R-3G2V3
Registry Name: BNP Paribas
gTLD: BNPPARIBAS
Status: ICANN Review
Status Date: 2015-05-11 20:19:51
Print Date: 2015-05-11 20:19:57

Proposed Service

Name of Proposed Service:

Additional IDNs tables for .BNPPARIBAS

Technical description of Proposed Service:

BNPPARIBAS, Registry Operator of the .BNPPARIBAS 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.BNPPARIBAS would like to provide registration of domain names in the following languages and seeks approval to add IDNs as follows: arabic, belarusian, bosnian_serbian, bulgarian, chinese-CN, chinese-TW, danish, french, german, hungarian, icelandic, italian, korean, latvian, lithuanian, macedonian, montenegrian, polish-PL, portuguese, russian, spanish, swedish, ukrainian. The Registry Operator shall follow the latest IDN Implementation Guidelines (http://www.icann.org/en/topics/idn/idn-guidelines-02sep11-en.htm) released by ICANN, and shall comply with specifications of IETF protocols on IDNs in applications. Regarding IDN variants, Registry Operator will handle them as follows: 1.By default variant IDNs (as defined in the Registry Operator's IDN tables and IDN Registration Rules) will be blocked from registration. 2. Variant IDNs may be activated when requested by the sponsoring Registrar of the canonical name as described in the IDN Tables and IDN Registration Rules. 3. Active variant IDNs must be provisioned in the TLD's DNS zone file as zone cuts using the same NS resource records as the canonical name. Activation of IDN variants will be made possible but by default they will be blocked and reserved.\\r\\nRegarding Arabic IDN table, the table supplied is based on the Saudi Arabia table, and approved by the Registry Operator for .site (in Arabic), where it is currently in use. The Internet Architecture Board (IAB) recently issued a statement regarding Hamza letters in identifiers: https://www.iab.org/documents/correspondence-reports-documents/2015-2/iab-statement-on-identifiers-and-unicode-7-0-0/. The Registry Operator confirms that the IAB's statement has been taken into consideration.\\r\\nIn addition Registry Operator took into consideration RFC 5564 based on Saudi Arabia\\\'s IDN policies which can be found here: http://www.iana.org/domains/idn-tables/tables/sa_ar_2.0.pdf\\r\\nAs for contextual rules to prevent digit mixing, the following rules will apply: \\r\\nDuring the registration process for an Arabic IDN, the valid Arabic IDN variant(s) will be reserved, thus blocking future registrations of IDNs which may have matching strings or variants.\\r\\nTo determine the variants the system will iterate through each character in the language table, locate the character in the first column of the table, which will map to the second column of the table, representing the character(s)/variant(s). Upon completion of this process, the Arabic IDN variant(s) is then reserved, and blocked from future registrations.\\r\\nArabic-Indic digits have code points U+0660 to U+0669. \\r\\nLanguage Rules:\\r\\nRule 1: Diacritics are not allowed\\r\\nRule 2: No mixing between scripts (Arabic & Latin)\\r\\nRule 3: Use of hyphen (instead of space) between words particularly if the 2 words will get connected\\r\\nRule 4: Hyphen cannot be used at the beginning or end of a label, and 2 or more consecutive hyphens are not allowed\\r\\nRule 5: Digits cannot be used at the beginning of a label. Digits can be used inside or at the end of a label from the 2 sets (Arabic-Indic digits and

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ASCII digits) without mixing.\\r\\nExample 1:\\r\\nprimary: xn--mgbekrx (U+062D U+0636 U+0627 U+0631 U+0629)\\r\\nvariants: xn--hgbokrx (U+062D U+0636 U+0622 U+0631 U+0629)\\r\\n xn--igbmkrx (U+062D U+0636 U+0623 U+0631 U+0629)\\r\\n xn--kgbikrx (U+062D U+0636 U+0625 U+0631 U+0629)\\r\\nExample 2:\\r\\nprimary: xn--wgbb3cwa (U+0632 U+0648 U+0631 U+0642)\\r\\nvariants: No variants\\r\\nExample 3:\\r\\nprimary: xn--wgbe0c4a (U+0643 U+0631 U+0633 U+064A)\\r\\nvariant: xn--wgbe0c0a (U+0643 U+0631 U+0633 U+0649)\\r\\nRegarding the use of variant dispositions (blocked vs. allocatable) for variant code points and whole label evaluation rules, so that unnecessary variants of a label may be blocked systematically to reduce allocatable variant labels, Registry Operator confirms that variants are blocked by default.\\r\\nAs the Registry Operator considers making ALEF and its combinations with MADDA variants, the following will be considered as variants for consistency of user experience: making the HEH and TEH MARBUTA as variants (e.g. see proposed variants of IDN ccTLD for Saudi Arabia at https://www.icann.org/resources/pages/string-evaluation-completion-2014-02-19-en). This is captured under Rule 6 here: http://www.iana.org/domains/idn-tables/tables/sa_ar_2.0.pdf

Consultation

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

BNPPARIBAS is willing to provide IDNs as this is already the case by existing TLD registry operators (Legacy as well as new gTLDs). BNPPARIBAS is seeking the addition of the above-mentioned IDNs to facilitate the communication in their native languages.

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

.BNPPARIBAS is not a sponsored TLD.

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

Not Applicable.

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?:

Not Applicable.

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

BNPPARIBAS has received request from eligible registrants that would welcome the implementation of IDNs. Moreover BNPPARIBAS has offices around the world and wish to communicate with their customers in their native language.

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 in accordance with IETF standards, BNPPARIBAS does not see any reasons why a constituency group would object to offering registration of domain names in more languages, as this is already the case in other TLDs.

Timeline

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

BNPPARIBAS intends to offer these languages as soon as ICANN approves this request.

Business Description

Describe how the Proposed Service will be offered:

BNPPARIBAS would propose the registration of Internationalized domain names in the same manner as it is currently mentioned in the eligibility requirement policies.

Describe quality assurance plan or testing of Proposed Service:

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The IDN tables are already supported by the technical backend operator and already in use by already accepted TLDs. As such, the services required have already been approved by ICANN and passed Pre-Delegation Testing.Afilias, the registry services provider for .BNPPARIBAS, as well as for other TLDs, has conducted all necessary testing and will continue to ensure appropriate implementation. Afilias has 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 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 ;* 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).

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Contractual Provisions

List the relevant contractual provisions impacted by the Proposed Service:

BNPPARIBAS assume that the Exhibit A, Approved Services of the registry agreement might be impacted by the addition of the new languages.

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

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

BNPPARIBAS requests the addition of languages to exhibit A, Approved Services, of the registry Agreement and the possibility to list permitted IDNs to the .BNPPARIBAS. The Registry Operator may offer registration of IDNs at the second and lower levels provided that Registry Operator complies with the IDN-related requirements. Registry Operator may offer registration of IDNs in the languages/scripts described below in the Technical Description of Proposed Service (IDN Tables and IDN Registration Rules will be published by the Registry Operator as specified in the ICANN IDN Implementation Guideline).

Benefits of Service

Describe the benefits of the Proposed Service:

The increase in available languages for domain name registration provides registrants the ability to register domain names that are more meaningful and specific to the region in which they live and operate. By providing the opportunity to register domain names in additional languages, BNPPARIBAS seeks to broaden consumer choice in the world marketplace, expects to better serve its end users and provides better experience.

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Competition

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

BNPPARIBAS does not anticipate any competition issue neither positive nor negative. Legacy TLD registry operators have been permitted to offer IDNs for their TLDs.

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

These additional languages would give BNPPARIBAS the opportunity to reach current end users in their native languages.

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

Legacy TLD registry operators and some new gTLD operator are already permitted to offer IDN registration in their TLDs and new gTLDs as well.A list can be found on the IANA website: http://www.iana.org/domains/idn-tables. We also noticed that these Registry Services have been approved for other new gTLDs operating with our Technical Backend, Afilias.

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?:

No.

Do you propose to work with a vendor or contractor to provide the proposed Registry Service? If so, what is the name of the vendor/contractor, and describe the nature of the services the vendor/contractor would provide.:

No. Afilias is the current technical backend Operator and will provide the necessary operational and technical capabilities 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.:

Yes. We had discussion and request from eligible registrants who informed us that International Domain Names is of

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essence for end users.

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 reponses to Internet servers or end systems:

None will be impacted.

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

No.

Other Issues

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

No.

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

Our proposed service does not contain intellectual property exclusive to our gTLD registry.

List Disclaimers provided to potential customers regarding the Proposed Service:

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None.

Any other relevant information to include with this request:

None.