Proposed Service

Name of Proposed Service:

IDN Support for .SECURITY

Technical description of Proposed Service:

Registry Operator will offer registration of IDNs at the second level under the .security gTLD. Registry Operator will offer Registrars support for handling IDN registrations in EPP. Registry Operator will handle variant IDNs as follows: By default variant IDNs (as defined in the Registry Operator’s IDN tables and IDN Registration Rules) will be blocked from registration. 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. Active variant IDNs will be provisioned in the TLD’s DNS zone file as zone cuts using the same NS resource records as the canonical name.

Consultation

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

We have informally consulted with a number of relevant parties on the introduction of this service. We have consulted with a number of potential registrants who believe that their interests will be well served if they are able to register Internationalized Domain Names. They will be able to register names that match their native language and alphabet. We have consulted with a number of registrars who have showed a great deal of interest in offering Internationalized Domain Names under .security. We have consulted with various internet users generally, all of whom are very pleased with the idea of .security offering IDN support. It will make both .security and the Internet generally more accommodating for a larger group of users. We have also consulted with our backend registry provider, CentralNic, about IDN support and they are very happy to implement IDN support. Further, they have experience with such an implementation and are well prepared for a .security implementation of IDN support. We have never received any negative feedback whatsoever on .security offering IDN support.

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

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

See above.

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

Because the offering of Internationalized Domain Names support by new gTLDs is so common to new gTLDs and ICANN alone normally approves the service, we feel that further consultations with other groups is not necessary. However, if ICANN would like further consultation, we are happy to do so.

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

Consultations with end users were appropriate, and the end users that we have consulted with are very excited about IDN support with .security. These consultations were informal in nature.

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

We believe that all parties would endorse the introduction of this service as it does not have any negative effect on any parties and only offers more choice and flexibility to internet users and registrants.

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

No parties have objected to the introduction of these services, and we believe that no parties would object to the introduction of support for IDNs by .security.

Timeline

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

We plan on implementing the new service immediately upon approval by ICANN.
Business Description

Describe how the Proposed Service will be offered:

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Just as registrants will be able to register second level domains with US-ASCII characters, they will also be able to register second level domains with the supported internationalized domains.

Describe quality assurance plan or testing of Proposed Service:

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Both we and the registrars selling the .security second level domains will ensure that the offering of .rent IDN second level domains fits perfectly within all ICANN policies and guidelines, and is technically free of all problems.

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

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N/A

Contractual Provisions

List the relevant contractual provisions impacted by the Proposed Service:

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Exhibit A of the .security RA will be impacted. See the "contractual Provision!" section for the necessary changes.

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

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No effect.

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

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No effect.

Contract Amendments

Please describe or provide the necessary contractual amendments for the proposed service:
The following provision would be added to Exhibit A of the .security RA: 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 must handle variant IDNs as follows: 4.2.1. By default variant IDNs (as defined in the Registry
Operator's IDN tables and IDN Registration Rules) must be blocked from registration. 4.2.2. 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. 4.2.3. 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. 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. Arabic language 4.3.2. Greek script 4.3.3. Hebrew language 4.3.4. Latin script 4.3.5. Lao language 4.3.6.

Benefits of Service

Describe the benefits of the Proposed Service:

This service would allow registrants all over the world to register a domain name in their native language and using their
native characters. This will help further all of the goals ICANN intended to promote when it implemented the Internationalized
Domain Names program.

Competition

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

We believe that our proposed service will have no effect on competition other than allowing us to provide our consumers
with the names they prefer.

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

The service would be worldwide.

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

A number of registries offer these exact services. For example, we offer support for IDNs with .xyz.

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?:

Our proposed service would not impair the ability of other companies/entities.

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?:

CentralNic is our back end registry services provider, and they would be implementing these services from a technical standpoint, just as they do for all of our technical services.

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.:  

Other than the registrars that sell .xyz domains, no other entities would be affected.

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).:

N/A

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:

No Effect.
Have technical concerns been raised about the proposed service, and if so, how do you intend to address those concerns?:

None.

Other Issues

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

No new Intellectual Property considerations are raised by the proposed service. We will comply with all relevant ICANN rules and regulations concerning intellectual property, such as the Rights Protections Mechanisms.

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

No.

List Disclaimers provided to potential customers regarding the Proposed Service:

At this time, no disclaimer for potential customers has been devised.

Any other relevant information to include with this request:

N/A