IDN Variants IDN Guidelines

Nomenclature, states of variants and their management process should be made consistent. Relevant policies, e.g. ownership, automatic activation, ceiling value, choice between variants, etc. should be considered and appropriate recommendation should be forwarded:

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| Topic | Question(s) | Consideration (is this something the IDN Guidelines should cover or not, and if so, what should the recommendation be) |
| Allocation | * Atomicity (all IDN Variants to be allocated to the same registrant. Is the domain registration (of a primary IDN along with its IDN Variants) considered ONE (1) domain registration or multiple domain registrations? Such that they also renew as ONE (1) domain?) * “Blocked” IDN Variants (are IDN Variants with “blocked” as an LGR disposition considered to be allocated to the registrant?) * Can a dispute be brought to a blocked IDN Variant? * If a dispute brought to a particular IDN Variant sustains, should only that particular IDN Variant be affected or the whole set (including primary IDN and all its IDN Variants) * If a dispute sustains, could a particular IDN Variant be disassociated with the primary IDN and be exceptionally allocated to the winning disputant? |  |
| Delegation | * Only IDN Variants with LGR disposition “allocatable” be delegatable into the DNS * For some languages/scripts, e.g. Chinese, is it acceptable for “preferred variants” as identified by the registry policy to be automatically delegated and activated into the DNS? * For some situations, should a TLD registry limit the number of activated IDN Variants by a reasonable ceiling number (even if such limitation is an arbitrary number) * Should registrants (through registrars) be able to choose particular allocatable IDN Variants to be activated into the DNS? If that is allowed, should it affect the atomicity principle above? |  |
| Childhosts and Nameservers | * Childhosts (when a childhost is created should multiple hosts be created for all activated IDN Variants? If the childhost label is an IDN, should the IDN variants be considered?) * Nameserver Records (when a nameserver is assigned to an IDN, should the same be assigned to its IDN Variants? Should the entire NS RR set be identical?) * If choice activation of IDN Variants are allowed, would the same NS RR set be assigned with an activated IDN Variant automatically? |  |
| WHOIS / Registration Data | * WHOIS search (should all IDN Variants be searchable? Should all allocatable IDN Variants be searchable? Should all activated IDN Variants be searchable?) * WHOIS result (should all IDN Variants return the same result with the primary IDN as the “domain registered”? should all IDN Variants be identified and included in the results? Should all allocatable IDN variants be identified and included? Should all activated idn variants be identified and included? Should the primary IDN always be identified and included?) |  |
| DNSSEC | * Are there any considerations relevant for DNSSEC for IDN Variants (e.g., should the KSK/ZSK be required to be the same for the primary IDN and its IDN Variants?) |  |
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