

## **.SCB IDN Registration Policy**

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### **Standard Compliance**

SCB Registry is in compliance with all RFC5890, RFC5891, RFC5892, RFC5893, RFC5894, Unicode point in IDN Registration and other related IETF standards. However, if there is any change in those standards and rules, SCB Registry will update the system to comply the up-to-date in the reasonable timeframe.

### **Supported Character Sets**

Only Thai scripts and common Western Arabic digit characters are allowed by SCB Registry.

### **Restrictions on Commingling of Scripts**

All code points within an IDN must come from the same Unicode script. SCB Registry does not support commingling of code points from different Unicode scripts except the commingling with the Western Arabic digit. This is done to prevent confusable code points from appearing in the same IDN.

### **Variant Management**

Since .scb is only for internal use. Any possibility of variants are allowed as long as SCB considered they are not interfere each others and do not effect SCB business.

### **ICANN's Restricted Unicode Points**

SCB Registry SRS also adheres to ICANN's **Guidelines for the Implementation of Internationalised Domain Names** Section 5 of the document outlines characters that are allowed by the IETF standard, but should be prohibited for IDN registration. For this reason, SCB Registry SRS prohibits those Unicode code points in all registrations.

### **Prohibited or Protected Domain Names**

SCB Registry does not prohibit any specific Unicode string or sequences of Unicode characters in the registration of IDN domain names. Some IDN domain names may be reserved as specified by ICANN. Availability checks for any reserved name will return a value of "Reserved."

The Registry does not support registration of IDNs that are not supported by one of the specific IDN character set tables published at <http://www.nic.scb/idn-tables> and IANA website.

Additionally, the IDNA2008 Specification defines rules and algorithms that prohibit certain Unicode points in IDN registrations. The Registry is in compliance with all of the documents that comprise the IDNA2008 standard. IDN tables in use by SCB Registry may be found at <http://www.nic.scb/idn-tables>. In addition, SCB Registry do not allow any name containing hyphens in the third and fourth positions unless it is a valid A-label.

### **Contextual Rules**

Thai Characters are separated in 7 categories as follow:

1. Consonant Characters
  - Use at the level of baseline.
  - Each characters in this category can be placed after another.
  - 46 characteres in this category which are: U+0E01..U+0E2E
2. Leading Vowel Symbols
  - Must be placed in front of their associated symbol in category #1.

- symbols in this category which are: U+0E40..U+0E44.
3. Following Vowel Symbols
    - Must be placed behind their associated symbol in category #1.
    - 3 symbols in this category which are: U+0E30, U+0E32 and U+0E45.
    - For U+0E45, it must be following U+0E24 or U+0E26 only.
    - U+0E24 and U+0E23 must not be followed by U+0E32.
  4. Zero-width Upper Vowel Symbols and Upper Diacritics
    - Must be placed above their associated symbol in category #1.
    - Must be placed before a symbol in category #3 if any.
    - 9 symbols in this category which are: U+0E31, U+0E34..U+0E37, U+0E47, U+0E4C..U+0E4D.
  5. Zero-width Lower Vowel Symbols
    - Must be placed below their associated symbol in category #1.
    - Must not be placed with symbols in category #3 in the same associated symbol in category #1.
    - 3 symbols in this category which are: U+0E38..U+0E3A
  6. Zero-width Tone Marks
    - Must be placed above their associated symbol in category #1 and above and after symbol in category #4 if exist.
    - 4 symbols in this category which are: U+0E48..U+0E4B
  7. Thai Digits, ASCII Digits and Special Characters
    - Not possible to lead with symbol category #2.
    - Not possible to follow with symbol category #3.
    - Not possible to have symbol category #4 above.
    - Not possible to have symbol category #5 below.
    - Digit-mixing – no mixing between different digit sets (European and Thai digits) is allowed.
    - 23 symbols in this category which are:
      - Thai Digits: U+0E50..U+0E59
      - ASCII Digits: U+0030..U+0039
      - Special Characters: U+002D, U+0E2F, U+0E46

### **Other Rules**

All other rules and practices do not written in this section, .scb general rules must be applied.