



.tel Russian Language IDN Policy

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CONTENTS

1.	Definitions.....	1
2.	Introduction.....	2
3.	Variant Name Blocking	2
4.	Effective date	2
5.	Character table.....	3

1. DEFINITIONS

<i>Domain Name</i>	a second level domain name within the domain of the Registry TLD about which the Registry or an affiliate engaged in providing Registry Services maintains data in the Shared Registry System, arranges for such maintenance, or derives revenue from such maintenance. A name in the Shared Registry System may be a Domain Name even though it does not currently appear in the Registry TLD zone file.
<i>ICANN IDN Guidelines</i>	ICANN Guidelines for the Implementation of Internationalized Domain Names as published at http://www.icann.org/en/topics/idn/implementation-guidelines.htm .
<i>IDN Standards</i>	A set of documents defining technical requirements for implementation of IDNs that are collectively mentioned in the ICANN IDN Guidelines as “IDN Standards”. At time of writing these are RFCs 3454, 3490, 3491, and 3492.
<i>Internationalized Domain Name (IDN)</i>	A Domain Name that is displayed in IDNA-aware software applications, in whole or in part, in a language-specific script or alphabet.
<i>Internationalized Domain Name for Applications (IDNA)</i>	A mechanism for handling domain names containing non-ASCII characters as defined in RFC 3490 or its successors.
<i>Language tag</i>	Identifier of the script or language that a particular IDN is associated with in the SRS.
<i>Registry</i>	Telnames Limited, a limited liability company duly incorporated and validly existing under the laws of England and Wales, with its principal place of business at 16 Charles II Street, London, SW1Y 4NW, United Kingdom, which is responsible, in accordance with the Registry Agreement, for providing Domain Name registration services within the Registry TLD. Where applicable, the term “Registry” also includes the Registry’s service providers and subcontractors.
<i>Registry TLD</i>	the .tel top-level domain.
<i>Shared Registry System (SRS)</i>	the Registry system that allows Registrars to register, renew and maintain Domain Names.

2. INTRODUCTION

.tel IDN support is provided in accordance with ICANN IDN Guidelines. The Registry will associate each registered Internationalized Domain Name with a specific language or script denoted by a language tag. This document provides the rules that apply to .tel IDNs associated with the **Russian** language and so with the “**ru**” language tag.

As required by ICANN IDN Guidelines, Registry employs an "inclusion-based" approach, meaning that code points which are not explicitly listed in the character table below are not permitted in Russian language IDN registrations. To be a valid IDN under this policy the Domain Name in its Unicode representation must contain at least one non-ASCII character.

Applications for Internationalized Domain Names that are submitted to the Registry must always reference the ASCII-encoded representation of the IDN. String preparation and ASCII-compatible encoding must be performed according to the algorithms specified by the IDN Standards.

IDN registrations are processed by the Registry strictly on the “first come, first served” basis. Equal opportunities for registering IDNs are provided to all parties regardless of their possible possession of other domain names.

3. VARIANT NAME BLOCKING

.tel Russian Language IDN implementation has a feature that mitigates homographic attacks by blocking a name from being registered if a similar name is already registered.

For every registered Russian language IDN a canonical string will be computed and stored in the SRS database. The canonical string is produced by mapping every character in the IDN U-label into the corresponding canonical character as specified in the character table below. Once a Russian language IDN is registered, other domain names that map into the same canonical string will be unavailable for registration. Conversely, if the US ASCII registration exists then the Russian IDN label that maps to the identical canonical string is unavailable.

4. EFFECTIVE DATE

The date from which Russian Language IDN registrations will be accepted (the “Russian IDN Effective Date”) will be notified publicly on the Registry website. This policy will become active on this Russian IDN Effective Date.

5. CHARACTER TABLE

The table below lists the characters allowed in the Unicode representation of IDNs associated with the Russian language. The second column shows the canonical code point corresponding to the first column. Columns are delimited with semicolons. The '#' symbol denotes start of a comment that continues to the end of line.

Note: as opposed to most other IDN languages supported in .tel, the character table for the Russian language IDNs does not include US ASCII letters a to z.

This table is intended for publication in the IANA IDN Character Table Registry.

```
U+002D;U+002D # HYPHEN-MINUS -;-
U+0030;U+0030 # DIGIT ZERO 0;0
U+0031;U+0031 # DIGIT ONE 1;1
U+0032;U+0032 # DIGIT TWO 2;2
U+0033;U+0033 # DIGIT THREE 3;3
U+0034;U+0034 # DIGIT FOUR 4;4
U+0035;U+0035 # DIGIT FIVE 5;5
U+0036;U+0036 # DIGIT SIX 6;6
U+0037;U+0037 # DIGIT SEVEN 7;7
U+0038;U+0038 # DIGIT EIGHT 8;8
U+0039;U+0039 # DIGIT NINE 9;9
U+0430;U+0061 # CYRILLIC SMALL LETTER A а;a
U+0431;U+0431 # CYRILLIC SMALL LETTER BE б;б
U+0432;U+0062 # CYRILLIC SMALL LETTER VE в;b
U+0433;U+0072 # CYRILLIC SMALL LETTER GHE г;r
U+0434;U+0434 # CYRILLIC SMALL LETTER DE д;д
U+0435;U+0065 # CYRILLIC SMALL LETTER E е;е
U+0436;U+0436 # CYRILLIC SMALL LETTER ZHE ж;ж
U+0437;U+0437 # CYRILLIC SMALL LETTER ZE э;э
U+0438;U+0075 # CYRILLIC SMALL LETTER I и;и
U+0439;U+0439 # CYRILLIC SMALL LETTER SHORT I й;й
U+043A;U+006B # CYRILLIC SMALL LETTER KA к;k
U+043B;U+043B # CYRILLIC SMALL LETTER EL л;л
U+043C;U+006D # CYRILLIC SMALL LETTER EM м;m
U+043D;U+0068 # CYRILLIC SMALL LETTER EN н;n
U+043E;U+006F # CYRILLIC SMALL LETTER O о;o
U+043F;U+006E # CYRILLIC SMALL LETTER PE п;p
U+0440;U+0070 # CYRILLIC SMALL LETTER ER р;p
U+0441;U+0063 # CYRILLIC SMALL LETTER ES с;c
U+0442;U+0074 # CYRILLIC SMALL LETTER TE т;t
U+0443;U+0079 # CYRILLIC SMALL LETTER U у;у
U+0444;U+0444 # CYRILLIC SMALL LETTER EF ф;ф
U+0445;U+0078 # CYRILLIC SMALL LETTER HA х;x
U+0446;U+0446 # CYRILLIC SMALL LETTER TSE ц;ц
U+0447;U+0447 # CYRILLIC SMALL LETTER CHE ч;ч
U+0448;U+0448 # CYRILLIC SMALL LETTER SHA ш;ш
U+0449;U+0449 # CYRILLIC SMALL LETTER SHCHA щ;щ
U+044A;U+044A # CYRILLIC SMALL LETTER HARD SIGN ъ;ъ
U+044B;U+044B # CYRILLIC SMALL LETTER YERU ы;ы
U+044C;U+044C # CYRILLIC SMALL LETTER SOFT SIGN ь;ь
U+044D;U+044D # CYRILLIC SMALL LETTER E э;э
U+044E;U+044E # CYRILLIC SMALL LETTER YU ю;ю
U+044F;U+044F # CYRILLIC SMALL LETTER YA я;я
U+0451;U+00EB # CYRILLIC SMALL LETTER YO ё;ё
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